

"Empirijska procjena spektra odgovora pomoću Fourierovog amplitudnog spektra i vremena trajanja gibanja tla"

Skendrović, Filip

Master's thesis / Diplomski rad

2020

Degree Grantor / Ustanova koja je dodijelila akademski / stručni stupanj: **University of Zagreb, Faculty of Science / Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet**

Permanent link / Trajna poveznica: <https://urn.nsk.hr/urn:nbn:hr:217:979579>

Rights / Prava: [In copyright/Zaštićeno autorskim pravom.](#)

Download date / Datum preuzimanja: **2024-05-14**



Repository / Repozitorij:

[Repository of the Faculty of Science - University of Zagreb](#)



SVEUČILIŠTE U ZAGREBU
PRIRODOSLOVNO-MATEMATIČKI FAKULTET
GEOFIZIČKI ODSJEK

Filip Skendrović

EMPIRIJSKA PROCJENA SPEKTRA
ODGOVORA POMOĆU FOURIEROVOG
AMPLITUDNOG SPEKTRA I VREMENA
TRAJANJA GIBANJA TLA

Diplomski rad

Zagreb, 2020.

SVEUČILIŠTE U ZAGREBU
PRIRODOSLOVNO-MATEMATIČKI FAKULTET
GEOFIZIČKI ODSJEK

DIPLOMSKI SVEUČILIŠNI STUDIJ FIZIKA-GEOFIZIKA

SMJER:

SEIZMOLOGIJA I FIZIKA ČVRSTE ZEMLJE

Filip Skendrović

Diplomski rad

**Empirijska procjena spektra odgovora
pomoću Fourierovog amplitudnog
spektra i vremena trajanja gibanja tla**

Voditelj diplomskog rada: Izv. prof. dr. sc. Snježana Markušić

Ocjena diplomskog rada: _____

Povjerenstvo:

1. Izv. prof. dr. sc. Snježana Markušić _____
2. Izv. prof. dr. sc. Maja Telišman Prtenjak _____
3. Doc. Dr. sc. Josip Stipčević _____

Datum polaganja: _____

Zagreb, 2020.

Iskreno zahvaljujem izv. prof. dr. sc. Snježani Markušić na savjetima, strpljivosti, susretljivosti, velikodušnoj pomoći i poticanju na samostalni rad.

Zahvaljujem se doc. dr. sc. Davoru Stanku na konstruktivnim savjetima i komentarima koji su uvelike olakšali izradu diplomskog rada.

Hvala zaručnici Zorki, bratu Karlu i roditeljima Lidiji i Srećku koji su bili velika podrška tijekom cijelog studija.

Sažetak

Prilagodba atenuacijskih relacija za područja različitih seizmičkih, seizmotektonskih i geoloških značajki jedan je od glavnih izazova u istraživanju seizmičkog hazarda. Vjeruje se da ključ te prilagodbe leži u spektralnoj domeni gibanja tla.

Stoga su u ovom radu predstavljene empirijske jednadžbe za procjenu Fourierovog amplitudnog spektra (FAS) i trajanja gibanja tla. Izračunate su procjene FAS-a i trajanja gibanja tla te su prikazane u ovisnosti o magnitudi i udaljenosti od žarišta potresa. Promatralju se razlike prirodnih logaritama opaženih vrijednosti FAS-a i trajanja gibanja tla i njihovih predviđenih vrijednosti. Dobivene razlike dijele se na tri dijela: srednje odstupanje, reziduali zbog varijabilnosti među događajima i reziduali zbog varijabilnosti unutar događaja. Reziduali među događajima prikazani su u ovisnosti o magnitudi, a reziduali unutar događaja u ovisnosti o udaljenosti od žarišta potresa i tipu tla.

Procijenjene vrijednosti FAS-a i trajanja gibanja tla kombinirane su pomoću teorije nasumičnog titranja (eng. *Random vibration theory*; RVT) i izračunat je spektar odgovora tla koji je prikazan u ovisnosti o magnitudi i udaljenosti. Opisana metoda primijenjena je na skup podataka koji je konstruiran korištenjem podataka iz RESORCE-2018 i BSHAP baze podataka, a obuhvaća zapise s područja Albanije, Bosne i Hercegovine, Crne Gore, Hrvatske, Makedonije, Slovenije i Srbije. Dobiveni spektri uspoređeni su s istraživanjem Bora i sur. (2014).

Glavni cilj opisanog pristupa je primjena atenuacijskih relacija na različita seizmička područja s karakterističnim vrijednostima seizmičkih parametara. Prikazan je postupak prilagodbe spektara odgovora tla za različite vrijednosti parametra *kappa* u dvije različite seizmičke regije.

Ključne riječi: atenuacijske relacije gibanja tla, Fourierov amplitudni spektar, trajanje gibanja tla, spektar odgovora

Empirical estimation of the response spectrum using the Fourier amplitude spectrum and the duration of ground motion

Abstract

Adjustment of empirical ground motion prediction equations to areas with different seismic, seismotectonic and geological features is one of the major challenges in seismic hazard research. We assume that the key to this adaptation lies in the spectral domain of ground motion.

Therefore, empirical equations for estimating the Fourier amplitude spectrum (FAS) and duration of ground motion are presented. Estimates of FAS and duration of ground motion were calculated and plotted against magnitude and source-to-site distance. We compared the differences between the natural logarithms of the observed FAS values and duration of ground motion with their predicted values. The resulting differences are divided into three parts: mean deviation, within-event residuals and between-event residuals. Between-event residuals are plotted against magnitude, and within-event residuals are plotted against source-to-site distance and ground type.

The estimated FAS values and duration of ground motion were combined through the Random Vibration Theory (RVT) to obtain response spectrum. The response spectrum was plotted against magnitude and source-to-site distance. The described method was applied to a dataset constructed using data from RESORCE-2018 and the BSHAP database, which includes records from Albania, Bosnia and Herzegovina, Montenegro, Croatia, Macedonia, Slovenia and Serbia. The obtained spectra were compared with the study of Bora et al. (2014).

The main objective of the described approach is to adapt empirical ground motion prediction equations to different seismological environments. We demonstrate the adjustment in response spectral ordinates for differing values of kappa in two different regions.

Keywords: GMPE, Fourier amplitude spectrum, duration of ground motion, response spectrum

Sadržaj

| | |
|--|----|
| 1 Uvod..... | 1 |
| 2 Opis metode | 4 |
| 2.1 Teorija nasumičnih titranja (RVT) | 5 |
| 3 Podaci..... | 6 |
| 4 Procjena vremena trajanja gibanja tla..... | 11 |
| 4.1 Model regresije za izračun trajanja gibanja tla..... | 11 |
| 4.2 Rezultati regresije i reziduali..... | 13 |
| 4.3 Rezultati procjene trajanja gibanja tla | 15 |
| 5 Procjena Fourierovog amplitudnog spektra (FAS) | 17 |
| 5.1 Model regresije za izračun FAS-a..... | 17 |
| 5.2 Rezultati regresije i reziduali..... | 18 |
| 5.3 Procijenjeni FAS..... | 24 |
| 6 Spektar odgovora – rezultati i diskusija | 28 |
| 7 Prilagodba spektra odgovora..... | 32 |
| 8 Zaključak..... | 33 |
| Literatura..... | 35 |
| Dodatak 1 | I |

1 Uvod

Jedan od glavnih ciljeva u inženjerskoj seizmologiji i određivanju seizmičkog hazarda je procjena mjere intenziteta gibanja tla (eng. *ground motion intensity measure*; GMIM) kao što su vršna akceleracija gibanja tla (eng. *peak ground acceleration*; *PGA*) ili spektar odgovora tla na pobudu (eng. *response spectrum*; *RS*). Navedeni parametri gibanja tla često se određuju pomoću atenuacijskih relacija gibanja tla (eng. *ground motion prediction equation*; *GMPE*) koje predviđaju gibanje tla na osnovi parametara kao što su magnituda potresa, udaljenost od žarišta potresa, lokalni uvjeti tla, žarišni mehanizam, ... Dakle, atenuacijske relacije povezuju mjere intenziteta gibanja tla s varijablama koje opisuju sam potres te su glavni alat za procjenu gibanja tla. Koriste se pri izradi aplikacija za rano upozorenje, za validaciju modela koji simuliraju gibanje tla i sl. U novije vrijeme mnogo napora je uloženo u razvoj empirijskih atenuacijskih relacija u različitim tektonskim okruženjima na temelju zabilježenih podataka. Glavni cilj je proučiti na koji se način odvija gibanje tla u ovisnosti o izvoru potresa, fizikalnim značajkama sredstva kroz koje se seizmički valovi rasprostiru te lokalnim uvjetima tla.

Postoje brojna seizmički aktivna područja diljem svijeta, ali s vrlo malo zabilježenih podataka, što je često nedovoljno za generiranje atenuacijskih relacija karakterističnih za područje koje se proučava. U takvim slučajevima praksa je da se primijene atenuacijske relacije za neko drugo područje, po seizmičkim i/ili geološkim značajkama slično proučavanom području. Odabir takvih atenuacijskih relacija nije jednostavan i često je podložan subjektivnom utjecaju. Zanemarivanje regionalnih seismoloških svojstava kao što su izvor, staza vala i lokalni uvjeti tla može dovesti do nerealnih procjena gibanja tla. Campbell (2003, 2004) je predložio korištenje određenih faktora prilagodbe (eng. *host-to-target adjustment factors*) kada se atenuacijske relacije iz nekog područja primjenjuju na neko drugo promatrano područje. Faktori prilagodbe obično se računaju kao omjer stohastički simuliranih spektara odgovora za dvije regije, jedne za koju je poznata atenuacijska relacija i druge na koju se ta atenuacijska relacija primjenjuje (Boore, 2003). Koncept primjene atenuacijskih relacija na različita seizmička područja s karakterističnim vrijednostima seizmičkih parametara se bazira na Fourierovom spektru gibanja tla, a koji nije povezan linearno sa spektrom odgovora tla i zbog toga njihovo povezivanje predstavlja problem.

Karakteristike Fourierovog amplitudnog spektra (FAS) često se modeliraju teoretski pomoću seizmičkih parametara kao što su Q -faktor, kojim je opisana atenuacija, parametar κ , kojim su opisani lokalni uvjeti tla i sl., te uz pretpostavku Bruneovog modela izvora (Brune, 1970). Bruneov model izvora je empirijsko-teorijski model izvora pomoću kojeg se objašnjava mehanizam rasjedanja na temelju napetosti i koji pretpostavlja da energija transverzalnih valova čini 80% ukupne seizmičke energije oslobođene u izvoru potresa. Fourierov amplitudni spektar gibanja tla sastoji se od spektra izvora ovisnog o jačini potresa $E(Mw, f)$, propagacijskog spektra koji opisuje regionalnu neelastičku atenuaciju $P(R, f)$ i spektra lokalnih uvjeta tla u kojem je sadržana amplifikacijska funkcija i lokalna atenuacija $S(f)$.

Može se zaključiti da je probleme povezane s prilagodbom atenuacijskih relacija moguće riješiti ako se razviju atenuacijske relacije za procjenu FAS-a na temelju određenih prediktivnih varijabli. Neki od članaka koji uključuju razvoj atenuacijskih relacija za procjenu FAS-a su: Trifunac (1976), McGuire (1978), Atkinson i Mereu (1992), Sokolov i sur. (2000) i Stafford (2006).

Za dizajn seizmički otporne građevine potrebno je znati njen odgovor na ulazno gibanje tla, a veza između spektra odgovora sustava s jednim stupnjem slobode (SDOF) i ulaznog FAS-a gibanja tla nije linearna. U ovom radu cilj je riješiti problem povezivanja FAS-a ulaznog gibanja tla sa spektrom odgovora SDOF sustava te prilagodbe spektara odgovora na različita područja s različitim vrijednostima seizmičkih parametara. Za rješavanje gore opisanih problema Boore (2003) je koristio teoriju nasumičnih titranja (RVT metoda; eng. *random vibration theory*). Navedena teorija računa spektar odgovora, pri čemu kombinira FAS gibanja tla i procjenu trajanja gibanja tla. Reinoso i sur. (1990) te Jaimes i sur. (2006) su opisali jednostavan pristup za izračun spektra odgovora kombinacijom FAS-a i trajanja gibanja tla. Ne postoji mnogo prediktivnih jednadžbi za procjenu trajanja gibanja tla, a koji je vrlo značajan parametar prilikom izračuna spektra odgovora pomoću RVT metode. Razvoj empirijskih relacija za procjenu trajanja potresa opisali su Kempton i Stewart (2006) te Bommer i sur. (2009).

Razvijene su atenuacijske relacije za izračun FAS-a i trajanja gibanja tla. Procjene FAS-a i trajanja gibanja tla određene iz atenuacijskih relacija korištene su unutar RVT metode za određivanje spektra odgovora. Nekoliko je definicija trajanja gibanja tla koje se

mogu koristiti za različite primjene (Bommer i Martinez-Pereira, 1999). Za izračun duljine trajanja potresa u ovom radu korišten je vremenski interval između 5% i 95% Ariasovog intenziteta (Arias, 1970). Ariasov intenzitet je mjera jačine gibanja tla i određuje intenzitet trešnje mjerenjem akceleracije tranzijentnih seizmičkih valova. Fourierov spektar određen je iz akcelerograma.

Korištene su dvije baze podataka za određivanje atenuacijskih relacija, RESORCE (Akkar i sur., 2013) i BSHAP baza (Gulerce i sur., 2016). Odabrani skup podataka sastoјao se od 258 akcelerograma, a koji su posljedica 135 potresa. Cilj ovoga rada bio je generirati model gibanja tla koji se može primijeniti na različite uvjete, ovisno o izvoru potresa, propagaciji vala ili lokalnim uvjetima tla. Primjer prilagodbe spektra odgovora na različite seizmičke uvjete prikazan je u posljednjem poglavlju gdje je analizirano kako promjena parametra *kappa* (κ) utječe na spektar odgovora. Iz tog primjera vidljivo je da pristup generiranja spektra odgovora uz pomoć kombinacije Fourierovog amplitudnog spektra i trajanja gibanja tla omogućuje jednostavne i učinkovite prilagodbe spektra odgovora na različita seizmička područja s karakterističnim vrijednostima seizmičkih parametara.

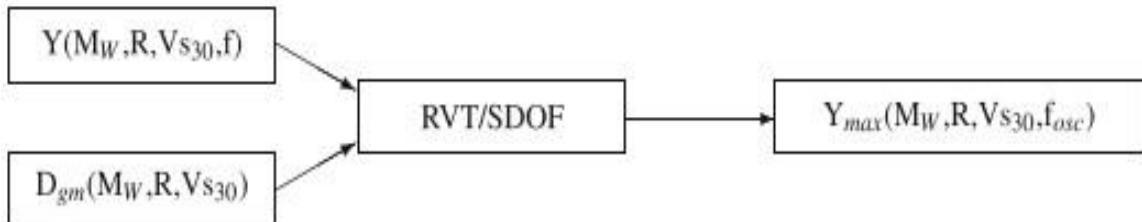
2 Opis metode

Razvoj atenuacijskih relacija u ovome radu temelji se na teoriji nasumičnih titranja (RVT). Boore (2003) je uspješno primijenio RVT za određivanje spektra odgovora oscilatora s jednim stupnjem slobode (SDOF sustav, eng. *single degree of freedom*) za određeno ulazno gibanje konačne duljine trajanja. Izračun spektra odgovora SDOF sustava uz pomoć RVT metode uključuje korištenje FAS-a ulaznog gibanja $Y(M_W, R, V_{s30}, f)$ te procjene trajanja gibanja tla (D_{gm}). FAS gibanja tla na određenoj frekvenciji f za momentnu magnitudu M_W i hipocentralnu udaljenost R moguće je prikazati kao:

$$Y(M_W, R, V_{s30}, f) = E(M_W, f)P(R, f)S(f) \quad (1)$$

gdje je $E(M_W, f)$ spektar izvora, $P(R, f)$ propagacijski spektar, a $S(f)$ spektar lokalnih uvjeta tla. Amplituda i oblik svih članova u jednadžbi (1) kontrolirani su uz pomoć različitih seismoloških parametara. Spektar izvora određuje se uz pomoć seizmičkog momenta M_0 , spektar propagacije određen je uz pomoć geometrijskog širenja i faktora dobrote Q , a spektar lokalnih uvjeta tla uglavnom je kontroliran uz pomoć parametra *kappa* (κ) i prosječne brzine transverzalnih valova u prvih 30 m ispod seismološke postaje (V_{s30}).

Metoda procjene spektra odgovora korištena u ovome radu sastoji se od dva glavna koraka. Najprije su razvijene empirijske relacije za izračun FAS-a i trajanja gibanja tla D_{gm} te su procijenjene njihove vrijednosti. Procijenjene vrijednosti se kombiniraju unutar RVT-a te se odredi spektar odgovora SDOF sustava. Shematski prikaz same metode je na slici 1. $Y(M_W, R, V_{s30}, f)$ je procijenjeni FAS, a $D_{gm}(M_W, R, V_{s30})$ je procjena vremena trajanja gibanja tla. FAS i D_{gm} se određuju na osnovi prediktornih varijabli: magnitude (M_W), udaljenosti od izvora do postaje (R) i prosječne brzine transverzalnih valova u prvih 30 m dubine (V_{s30}). Procijenjeni maksimalni odgovor SDOF sustava na određenoj frekvenciji oscilatora f_{osc} je $Y_{max}(M_W, R, V_{s30}, f_{osc})$.



Slika 1: Shematski prikaz korištene metode (preuzeto iz Bora i sur., 2014).

2.1 Teorija nasumičnih titranja (RVT)

Cartwright i Longuet-Higgins (1956) prvi su koristili RVT metodu. Naime, koristili su je za predviđanje očekivane visine oceanskih valova na temelju spektralnih karakteristika kontinuiranog zapisa visina morskih valova. U seizmologiji se RVT metoda prvi put koristila u okviru istraživanja u inženjerskoj seizmologiji (Schneider i sur., 1991), a primjenjivala se za analizu spektra odgovora (Silva i sur., 1997; Rathje i Ozbej, 2006; Kottke i Rathje, 2008). RVT omogućuje procjenu omjera maksimalne vrijednosti gibanja (y_{max}) i srednjeg kvadratnog gibanja (y_{rms}), koje se određuje iz Fourierovog spektra gibanja tla upotrebom Parsevalovog teorema. Parsevalov teorem govori da je energija očuvana u vremenskoj i u frekvencijskoj domeni te da se svaki vremenski promjenjiv signal može povezati sa svojim FAS-om kao (npr. Silva i Lee, 1987; Rathje i Ozbej, 2006):

$$y_{rms}(f_{osc}) = \sqrt{\frac{m_0}{D_{rms}}}, \quad (2)$$

gdje je D_{rms} trajanje vremenski promjenljivog signala, a m_0 je definiran kao nulti spektralni moment FAS-a. n -ti spektralni moment definiran je kao:

$$m_n = 2 \int_0^{\infty} (2\pi f)^k |Y(M_w, R, f, f_{osc})|^2 df \quad (3)$$

U jednadžbi (3) $Y(M_w, R, f, f_{osc})$ je FAS odgovora SDOF sustava, a on je jednak umnošku FAS-a ulaznog gibanja tla $Y(M_w, R, V_{s30}, f)$ i transfer funkcije instrumenta $I(f, f_{osc})$.

Transfer funkcija instrumenta je oblika:

$$I(f, f_{osc}) = \frac{f_{osc}^2}{\sqrt{(f_{osc}^2 - f^2)^2 + (f\zeta f_{osc})^2}}, \quad (4)$$

gdje je ζ koeficijent gušenja oscilatora. Iznos maksimalne vrijednosti gibanja, y_{max} , može se povezati s y_{rms} korištenjem statistike ekstremnih vrijednosti (Vanmarcke i Lai, 1980; Hanks i McGuire 1981; Boore 2003). Vršni faktor, PF (eng. *peak factor*), predstavlja omjer maksimalne vrijednosti signala y_{max} i njegove srednje kvadratne vrijednosti y_{rms} :

$$y_{max} = PF * y_{rms}. \quad (5)$$

Cartwright i Longuet-Higgins (1956) su razvili integralni izraz za najvjerojatniju vrijednost PF -a u ovisnosti o broju ekstrema (N_e) i širini pojasa (ξ) vremenske serije, a modificirao ga je Boore (2003):

$$PF = \sqrt{2} \int_0^{\infty} \left\{ 1 - [1 - \xi e^{-z^2}]^{N_e} dz \right\}. \quad (6)$$

Pojasna širina vremenskog niza gibanja definirana je kao omjer broja prolazaka kroz nulu (N_z) i broja ekstrema (N_e), a može se prikazati uz pomoć spektralnih momenata gibanja:

$$\xi = \sqrt{\frac{m_2^2}{m_0 m_4}}. \quad (7)$$

Broj ekstrema je definiran kao:

$$N_e = \frac{1}{\pi} \sqrt{\frac{m_2}{m_0}} D_{gm} \quad (8)$$

Slabe potrese karakterizira kratko trajanje gibanja tla te vrijedi da je $D_{rms} \approx D_{gm}$, no za jake potrese potrebno je povećati iznos trajanja signala D_{rms} kako bi se u trajanje uključio i odgovor SDOF oscilatora. Pretpostavlja se da će oscilator nastaviti oscilirati i nakon prestanka ulaznog gibanja zbog inercije sustava. Boore i Joyner (1984) predložili su sljedeći izraz, kako bi se u izračun D_{rms} uključilo produljenje trajanja:

$$D_{rms} = D_{gm} + D_0 \left(\frac{\gamma^n}{\gamma^n + \alpha} \right), \quad (9)$$

gdje je $\gamma = D_{gm} f_{osc}$ i $D_0 = \frac{1}{(2\pi\zeta f_{osc})}$, što predstavlja trajanje gibanja oscilatora. ζ predstavlja faktor gušenja SDOF sustava. Početno je predloženo da konstante n i α u jednadžbi (9) iznose 3, odnosno 1/3. Usporedbom vremenske domene i rezultata RVT metode Liu i Pezeshk (1999) došli su do $n = 2$ i

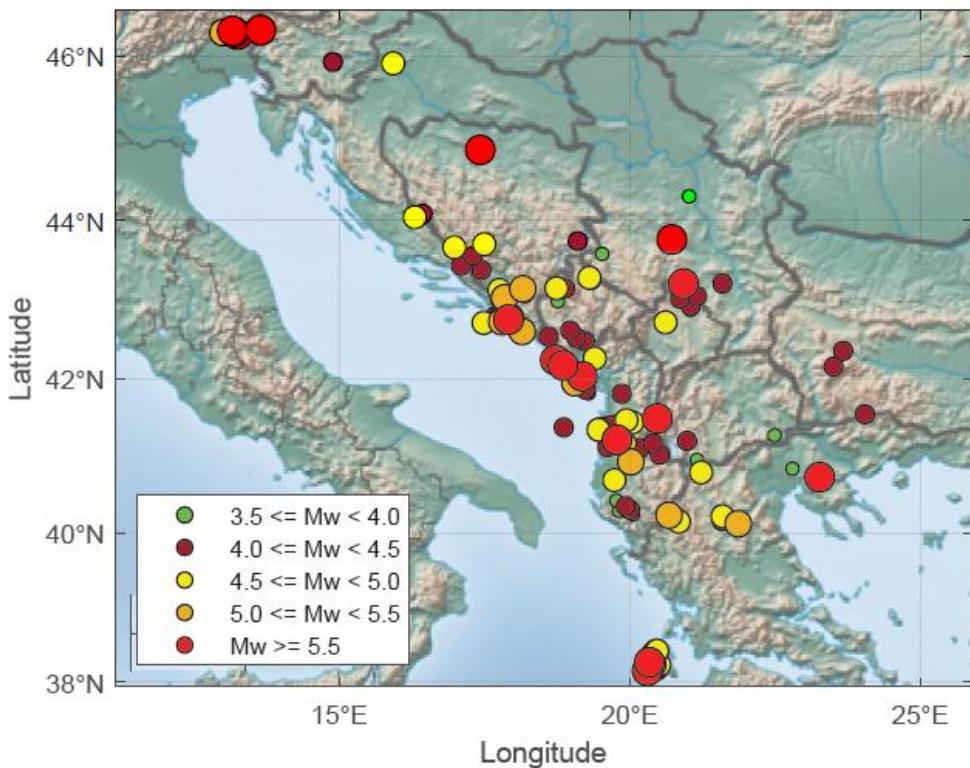
$$\alpha = \sqrt{\left[2\pi \left(1 - \frac{m_1^2}{m_0 m_2} \right) \right]} \quad (10)$$

3 Podaci

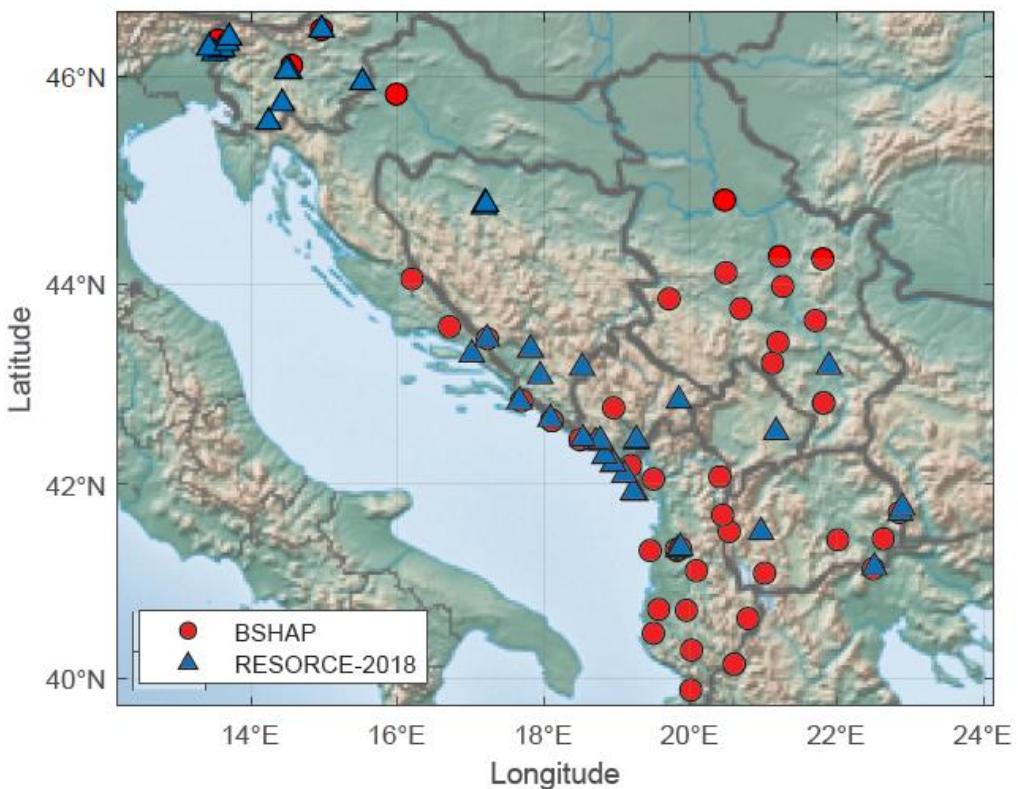
U radu su analizirani podaci iz RESORCE-2018 te iz BSHAP baza podataka. Odabrani su zapisi koji su zabilježeni na području sedam država: Albanije, Bosne i Hercegovine, Crne Gore, Hrvatske, Makedonije, Slovenije i Srbije, u razdoblju od 1986. do 2014. godine. Iz dobivenog uzorka izbačeni su zapisi prema kriterijima korištenim u Bora i sur. (2014), s malim modifikacijama. U ovom radu korišteni su svi zapisi osim:

1. potresa kod kojih nije poznata momentna magnituda,
2. potresa za koje vrijedi $M_w < 3.5$,
3. potresa za koje je hipocentralna dubina veća od 30 km,
4. zapisa kod kojih nije zabilježena niti jedna horizontalna komponenta,
5. potresa kod kojih nije poznata Joyner-Boore udaljenost (najmanja udaljenost između seismološke postaje i površinske projekcije rasjedne plohe),
6. potresa kod kojih nije poznat parametar V_{s30} ,
7. potresa kod kojih je Joyner-Boore udaljenost veća od 200 km.

Uključivanjem navedenih filtera dobiven je konačni set podataka koji se sastojao od 257 akcelerograma. Radi se o zapisima 135 potresa na 95 postaja. Na slici 2 prikazana je prostorna raspodjela epicentara potresa, u ovisnosti o njihovoj magnitudi, za razdoblje od 1986. do 2014. godine. Najviše potresa se dogodilo na jugoistočnoj obali Jadranskoga mora, uključujući i magnitudom najjači potres, koji se dogodio 1979. godine na prostoru Crne Gore, a zabilježen je na 17 postaja. Na slici 3 prikazana je prostorna razdioba seismoloških postaja s kojih su analizirani zapisi potresa.

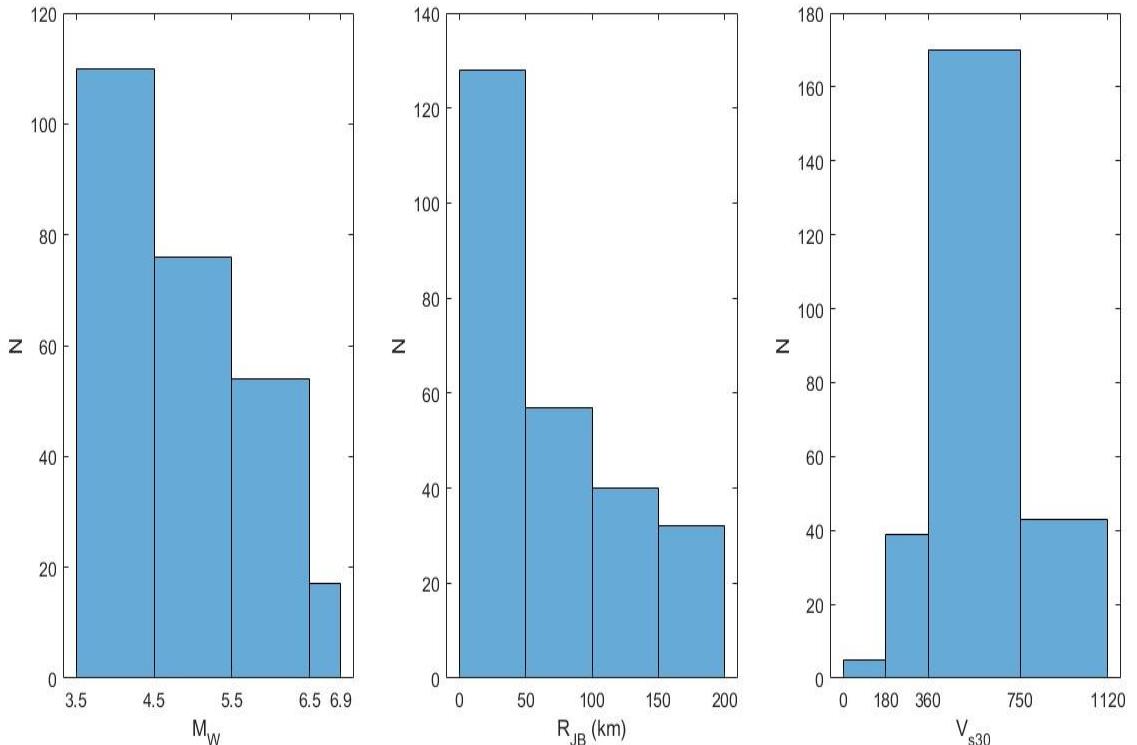


Slika 2: Prostorna razdioba epicentara potresa čiji su zapisi korišteni u ovome radu, momentnih magnituda većih od 3.5, u razdoblju od 1986. do 2014. godine.



Slika 3: Prostorna razdioba postaja čiji su zapisi potresa korišteni u ovom istraživanju.

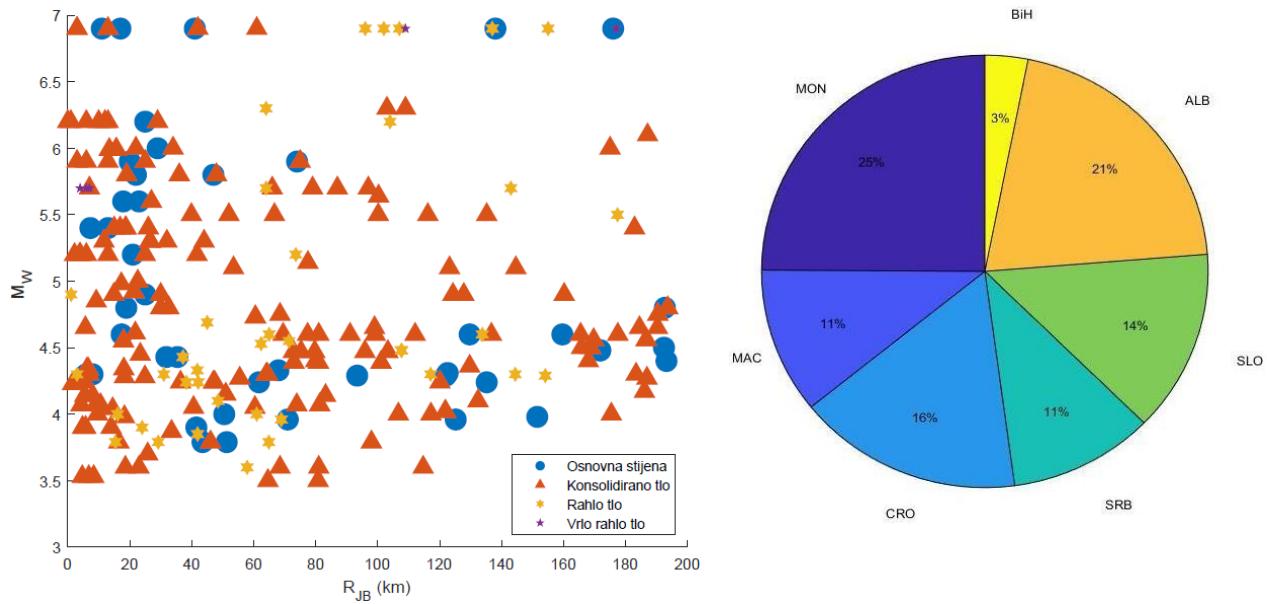
Razdioba zapisa akcelerograma po magnitudi, Joyner-Boore udaljenosti (R_{JB}) i parametru V_{s30} je prikazana histogramima na slici 4. Najviše zapisa potresa je u intervalu magnitude $3.5 \leq M_w \leq 4.5$ (110 zapisa, što je 43% ukupnog broja podataka). Za magnitude M_w u intervalima $4.5 \leq M_w < 5.5$, $5.5 \leq M_w < 6.5$, $6.5 \leq M_w < 6.9$ imamo 76, 54 i 17 zapisa. U posljednjem razredu svi zapisi se odnose na potres iz 1979. godine, magnitude 6.9, koji se dogodio na području Crne Gore. Za 128 zapisa je Joyner-Boore udaljenost u intervalu od 0 do 50 km. Za udaljenosti R_{JB} u intervalima $50 \text{ km} \leq R_{JB} < 100 \text{ km}$, $100 \text{ km} \leq R_{JB} < 150 \text{ km}$ i $150 \text{ km} \leq R_{JB} < 200 \text{ km}$ imamo 57, 40 i 32 zapisa. Vrsta tla ispod postaja podijeljena je u četiri kategorije s obzirom na vrijednost parametra V_{s30} . Vrlo rahlo tlo je ono za koje vrijedi da je V_{s30} manji od 180 m/s, za vrijednosti V_{s30} između 180 i 360 m/s tlo je rahlo, za vrijednosti V_{s30} između 360 i 750 m/s tlo je konsolidirano, a ako je V_{s30} veći od 750 m/s radi se o osnovnoj stijeni. Na slici 4 može se uočiti da je 170 zapisa, što čini 63% ukupnog broja zapisa, zabilježeno na postajama ispod kojih je tlo konsolidirano.



Slika 4: Broj akcelerograma u ovisnosti o momentnoj magnitudi (M_w), Joyner-Boore udaljenosti (R_{JB}) i prosječnoj brzini transverzalnih valova u prvih 30 m dubine (V_{s30}).

Slika 5 prikazuje distribuciju zapisa u ovisnosti o magnitudi i Joyner-Boore udaljenosti te na kojoj se vrsti tla postaja nalazi. Na slici 5 prikazan je i relativni doprinos

akcelerograma iz različitih država strukturnim krugom. Najviše zapisa je iz Crne Gore (25%) i Albanije (21%), a najmanje iz Bosne i Hercegovine (3%).



Slika 5: Lijevo: Distribucija zapisa potresa u ovisnosti o magnitudi, Joyner-Boore udaljenosti i tipu tla. Desno: Strukturni krug s prikazom doprinosa postotka broja akcelerograma iz pojedinih država u odabranom setu podataka.

4 Procjena vremena trajanja gibanja tla

4.1 Model regresije za izračun trajanja gibanja tla

U ovom poglavlju je opisan razvoj empirijskog modela za procjenu vrijednosti trajanja gibanja tla (D_{gm}), a koja se koristi za određivanje spektra odgovora pri teoriji nasumičnih titranja (RVT metoda). Procjena D_{gm} je vrlo značajna u okviru inženjerske seizmologije. Postoji malo prijašnjih istraživanja o procjeni vrijednosti D_{gm} , a procjene su uglavnom rađene u ovisnosti o magnitudi, udaljenosti od žarišta potresa i lokalnim uvjetima tla. Kempton i Stewart (2006) te Bommer i sur. (2009) objavili su empirijske relacije za predviđanje različitih mjera trajanja gibanja tla.

U ovome radu razmotrena je jednostavna prediktivna jednadžba za određivanje D_{gm} . Cilj je bio konstruirati jednadžbu u koju će biti uključeni svi parametri značajni za fiziku samog procesa. Prema teorijskim razmatranjima (Boore, 2003; Atkinson i Boore, 1995; Hermann, 1985) trajanje gibanja tla jednako je trajanju smičnog impulsa generiranog u izvoru koje se produljuje tijekom propagacije vala od izvora do seizmološke postaje zbog raspršenja i refleksije vala.

U istraživanju se koristi regresijska jednadžba slična onoj koju su predložili Bommer i sur. (2009):

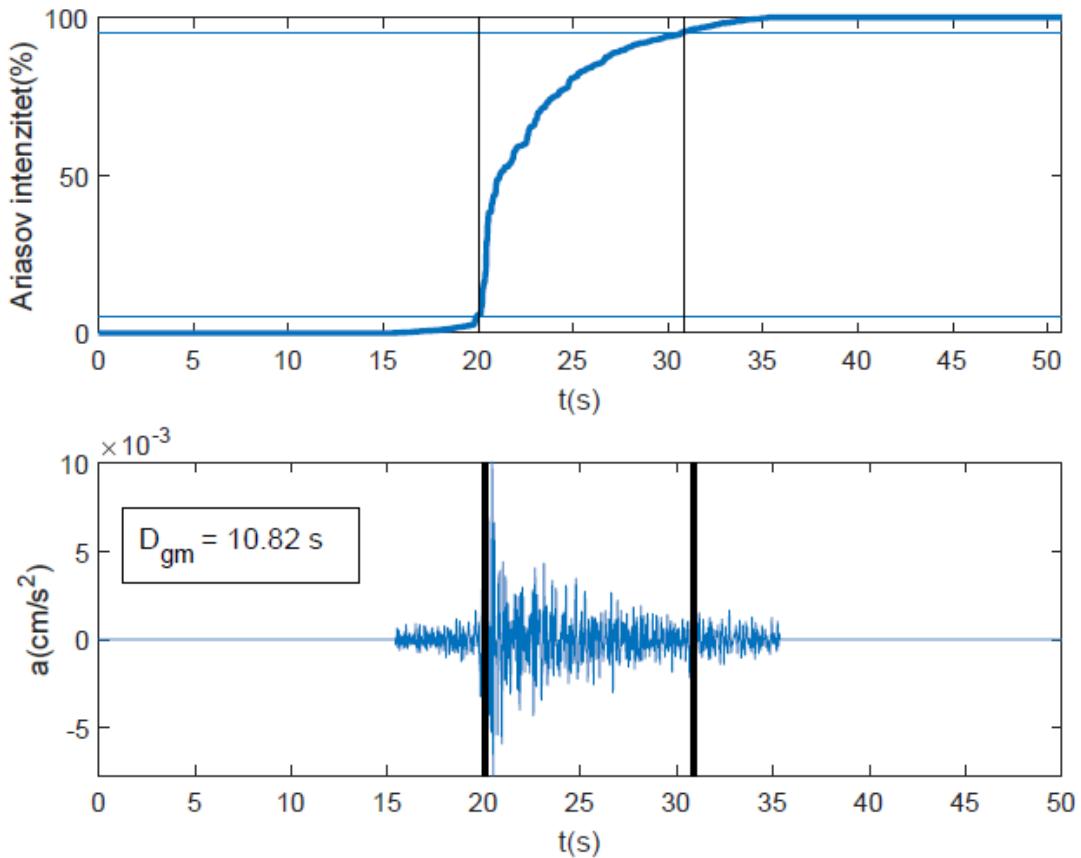
$$\ln(D_{gm}) = c_0 + c_1 M_W + (c_2 + c_3 M_W) \ln \sqrt{R_{JB}^2 + c_4^2} + c_5 \ln V_{s30} + \eta + \varepsilon. \quad (11)$$

U gornjoj jednadžbi D_{gm} je geometrijski srednjak trajanja gibanja tla procijenjenog pomoću dvije horizontalne komponente akcelerograma; M_W je momentna magnituda; $R_{JB}(km)$ je najmanja udaljenost između seizmološke postaje i površinske projekcije rasjedne plohe (Joyner-Boore udaljenost); V_{s30} (m/s) je prosječna brzina transverzalnih valova u prvih 30 m dubine ispod seizmološke postaje. D_{gm} je iz horizontalnih zapisa akcelerograma potresa određen kao vrijeme između 5% i 95% Ariasovog intenziteta (Arias, 1970). Ariasov intenzitet je definiran kao vremenski integral kvadrata akceleracije gibanja tla:

$$I_A = \frac{\pi}{2g} \int_0^{T_d} a(t)^2 dt, \quad (12)$$

gdje je g akceleracija sile teže, a T_d je ukupno trajanje gibanja tla. Na slici 6 je prikazan primjer određivanja trajanja gibanja tla za potres momentne magnitude 5.1, koji se dogodio

27. svibnja 2005. godine u okolini Dubrovnika. Prvo smo odredili ukupni Ariasov intenzitet zapisa potresa. Uzimani su pomični prozori na način da je svaki sljedeći bio dulji za dt , gdje je dt iznos uzorkovanja i izračunati su Ariasovi intenziteti za svaki pojedini pomični prozor. Na slici 7 možemo uočiti da je za vremenski prozor u intervalu od 0 do otprilike 20 s Ariasov intenzitet jednak 5% ukupnog Ariasovog intenziteta. Također, za vremenski prozor od 0 do otprilike 31 s Ariasov intenzitet pomičnog prozora jednak je 95% ukupnog Ariasovog intenziteta. Duljina trajanja gibanja tla određena je kao vremenski interval između 5% i 95% ukupnog Ariasovog intenziteta gibanja tla, a koji je određen pomoću izraza (12). Dakle, dobiveno je da trajanje gibanja tla iznosi 10.82 s.



Slika 6: Primjer određivanja vremena trajanja gibanja tla uz pomoć Ariasovog intenziteta. *Gore:* Ovisnost iznosa Ariasovog intenziteta o duljini vremenskog prozora. *Dolje:* Prikaz akcelerograma potresa i iznosa trajanja gibanja tla za promatrani zapis. Vertikalnim linijama odvojen je vremenski interval između 5% i 95% ukupnog Ariasovog intenziteta.

Koefficijenti jednadžbe (11) određeni su uz pomoć algoritma regresije nasumičnih efekata prema Abrahamsonu i Youngsu (1992). U navedenom algoritmu reziduali, razlike između stvarnih i procijenjenih vrijednosti, su razdvojeni na reziduale između događaja

(eng. *between-event residuals*) η i na reziduale unutar događaja (eng. *within-event residuals*) ε . Rezidual između događaja predstavlja prosječno odstupanje opaženih gibanja tla jednog potresa od medijana gibanja tla predviđenog modelom. Rezidual unutar događaja opisuje na koji način karakteristike staze vala dovode do gibanja tla koje je različito od prosjeka gibanja tla određenog modelom. (Al Atik i sur., 2010).

Pretpostavka je da su η i ε nezavisne varijable s normalnom razdiobom, sa standardnim devijacijama τ i φ . Ukupna standardna devijacija računa se uz pomoć geometrijskog srednjaka:

$$\sigma = \sqrt{\tau^2 + \varphi^2} \quad (13)$$

4.2 Rezultati regresije i reziduali

Vrijednosti dobivene regresijom prikazane su u tablici 1. Koeficijenti su određeni pomoću MatLab programskog paketa. Reziduali unutar događaja i reziduali između događaju određeni su pomoću algoritma regresije nasumičnih efekata (Abrahamson i Youngs, 1992). Nakon što su određeni reziduali, izračunate su njihove standardne devijacije φ i τ . Ukupna standardna devijacija σ određena je pomoću formule (13).

Tablica 1: Koeficijenti jednadžbe (11) dobiveni regresijom te standardne devijacije τ , φ i σ .

| c_0 | c_1 | c_2 | c_3 | c_4 | c_5 | τ | φ | σ |
|---------|--------|--------|---------|---------|--------|--------|-----------|----------|
| -9.4798 | 1.8032 | 2.3303 | -0.3288 | 10.5917 | 0.1162 | 0.3184 | 0.4805 | 0.5764 |

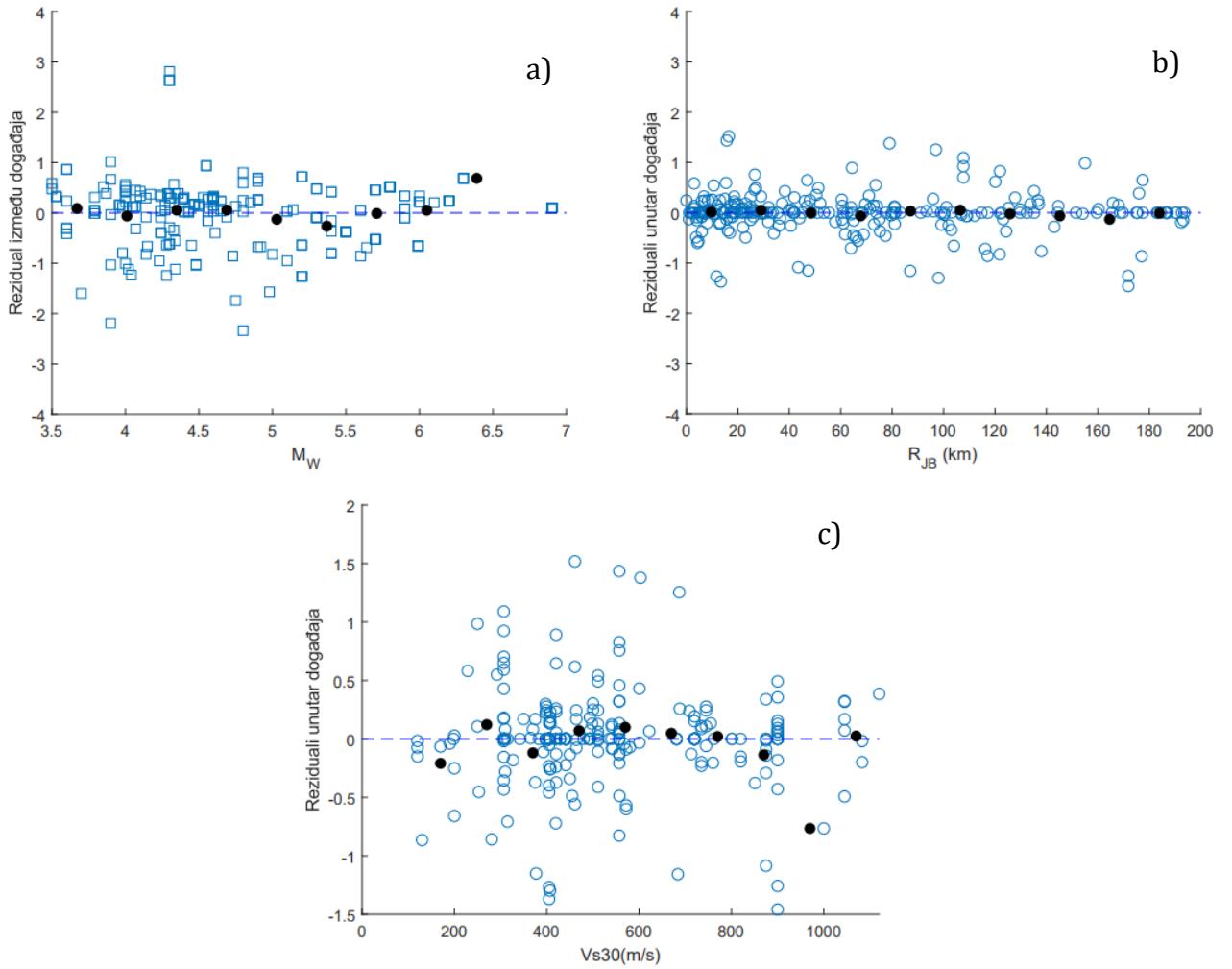
U tablici 2 prikazane su standardne devijacije izračunatih koeficijenata.

Tablica 2: Standardne devijacije koeficijenata prikazanih u tablici 1.

| σ_{c_0} | σ_{c_1} | σ_{c_2} | σ_{c_3} | σ_{c_4} | σ_{c_5} |
|----------------|----------------|----------------|----------------|----------------|----------------|
| 1.7078 | 0.2867 | 0.3963 | 0.0700 | 1.5680 | 0.0581 |

Izračunati su i reziduali kako bi se procijenila stabilnost i robusnost empirijske jednadžbe. Na slici 7 su prikazane ovisnosti reziduala o tri prediktivne varijable (M_w , R_{JB} i V_{s30}). Reziduali između događaja prikazani su u ovisnosti o momentnoj magnitudi, dok su

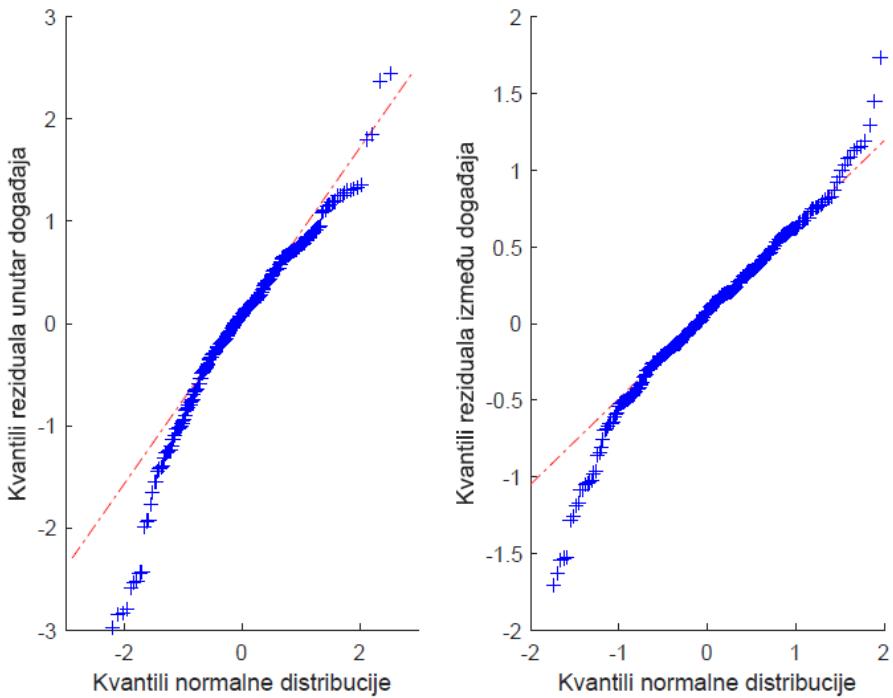
reziduali unutar događaja prikazani u ovisnosti o Joyner-Boore udaljenosti i parametru V_{s30} . Također, reziduali su razvrstani u razrede jednakih širina u ovisnosti o prediktivnim varijablama. Postoji devet razreda u kojima je raspon magnituda jednak 0.34, deset razreda u kojima je raspon Joyner-Boore udaljenosti jednak 20 km te deset razreda u kojima je raspon iznosa parametra V_{s30} jednak 100 m/s. Izračunata je srednja vrijednost za svaki pojedini razred i prikazana je na grafovima crnim točkama. Možemo uočiti da srednje vrijednosti većine razreda fluktuiraju oko nule. Najveća odstupanja reziduala unutar događaja opažena su za razred u kojima je raspon vrijednosti V_{s30} između 920 i 1020 m/s. Odstupanje je prisutno zbog toga što u tom razredu postoji samo jedan podatak.



Slika 7: Ovisnosti reziduala o tri prediktivne varijable: (a) momentnoj magnitudi (M_w), (b) Joyner-Boore udaljenosti (R_{JB}) i (c) prosječnoj brzini transverzalnih valova u prvih 30 m ispod površine (V_{s30}). Crnim točkama prikazani su srednjaci pojedinih razreda.

Na slici 8 je prikazan QQ graf za oba reziduala. Općenito, QQ graf se koristi za usporedbu distribucije nekog uzorka s nekom teorijskom distribucijom. Pomoću QQ grafa

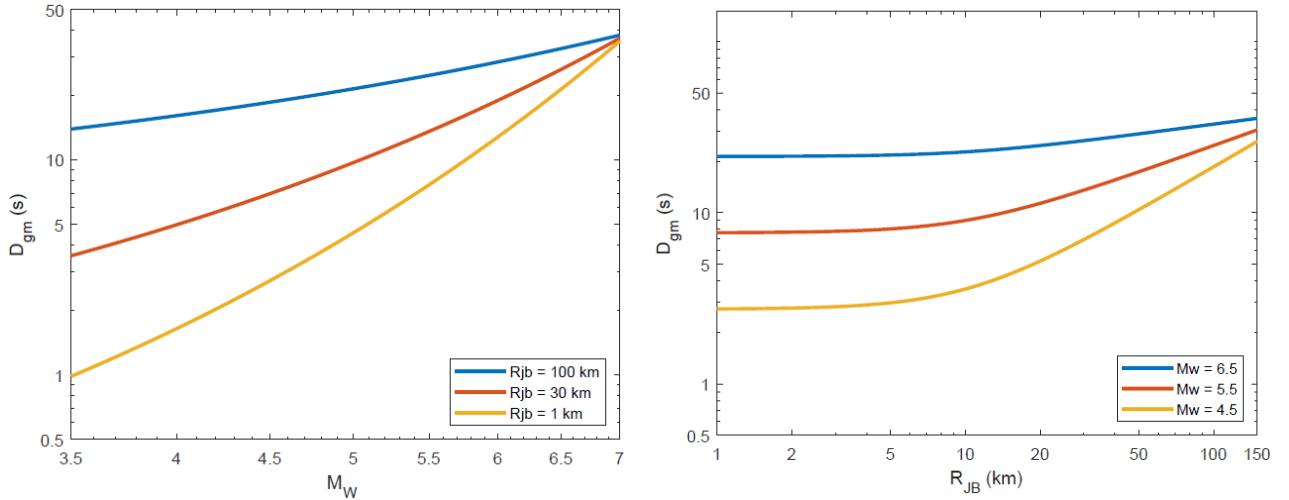
želimo provjeriti podudarnost uzorka reziduala s normalnom distribucijom. Na x-osi su prikazani teorijski kvantili normalne distribucije, a na y-osi su prikazani kvantili danog uzorka reziduala. Ako je pretpostavka o normalnoj distribuciji reziduala istinita tada točke leže približno na pravcu $y = x$. Možemo uočiti kako se distribucija dobivenog podatkovnog skupa dobro poklapa s normalnom distribucijom, što je u skladu s početnom pretpostavkom.



Slika 8: QQ grafovi za reziduale unutar događaja (lijevo) i reziduale između događaja (desno).

4.3 Rezultati procjene trajanja gibanja tla

Pomoću koeficijenta prikazanih u tablici 1 i proizvoljno odabranih vrijednosti prediktivnih varijabli M_w, R_{JB}, V_{s30} izračunato je trajanje gibanja tla korištenjem izraza (11). Na slici 9 prikazana je ovisnost trajanja gibanja tla o magnitudi za različite udaljenosti R_{JB} . Na najmanjim magnitudama razlike u vremenima trajanja gibanja tla su najveće. Za potres magnitude 4 dobiveno je da trajanje iznosi 1.6, 5.0 i 16.0 s na Joyner-Boore udaljenostima od 1, 30 i 100 km. Na većim magnitudama trajanje gibanja tla je približno jednako bez obzira na Joyner-Boore udaljenost. Također, slika 9 prikazuje ovisnost trajanja gibanja tla o Joyner-Boore udaljenosti za različite magnitude potresa. Na malim udaljenostima razlike u trajanju su mnogo veće za različite magnitude, nego na većim udaljenostima.



Slika 9: Lijevo: Ovisnost trajanja gibanja tla o magnitudi za različite Joyner-Boore udaljenosti. Desno: Ovisnost trajanja gibanja tla o udaljenosti za različite iznose momentne magnitudo.

Usporede li se dobiveni grafovi na slici 9 s onima dobivenim u prijašnjim istraživanjima (Bora i sur., 2014; Bommer i sur., 2009; Kempton i Stewart, 2006) može se uočiti vrlo dobro podudaranje rezultata. Bolja podudarnost je s rezultatima Kemptona i Stewarta (2006) te Bommera i sur. (2009) zbog toga što je u tim istraživanjima korišten Ariasov intenzitet za određivanje duljine trajanja gibanja tla te sličan funkcionalni oblik empirijske jednadžbe. Postoje određene razlike u rezultatima ovog istraživanja i rezultatima istraživanja Kemptona i Stewarta (2006) te Bommera i sur. (2009). Razlike vjerojatno postoje jer je u istraživanjima Kemptona i Stewarta (2006) te Bommera i sur. (2009) za udaljenost korištena mjeru udaljenosti R_{rupt} , a ne R_{JB} . R_{rupt} je najmanja udaljenost između rasjedne plohe i seizmološke postaje. Bora i sur. (2014) koristili su potpuno drugačiji pristup u određivanju vremena trajanja gibanja tla. Oni su tretirali D_{gm} kao varijablu koja povezuje spektar odgovora dobiven RVT metodom i opaženi spektar odgovora. Određena je kvadratna pogreška između dva navedena spektra za različite frekvencije oscilatora te je izračunati srednjak dobivenih kvadratnih pogrešaka minimiziran kako bi se odredio D_{gm} . Odstupanje dobivenih rezultata u pojedinim istraživanjima posljedica je i korištenja različitih skupova ulaznih podataka.

5 Procjena Fourierovog amplitudnog spektra (FAS)

5.1 Model regresije za izračun FAS-a

U prethodnom poglavlju procijenjeno je vrijeme trajanja gibanja tla u ovisnosti o značajnim seizmološkim parametrima te još preostaje procijeniti FAS, kako bi se omogućilo određivanje spektra odgovora uz pomoć RVT metode.

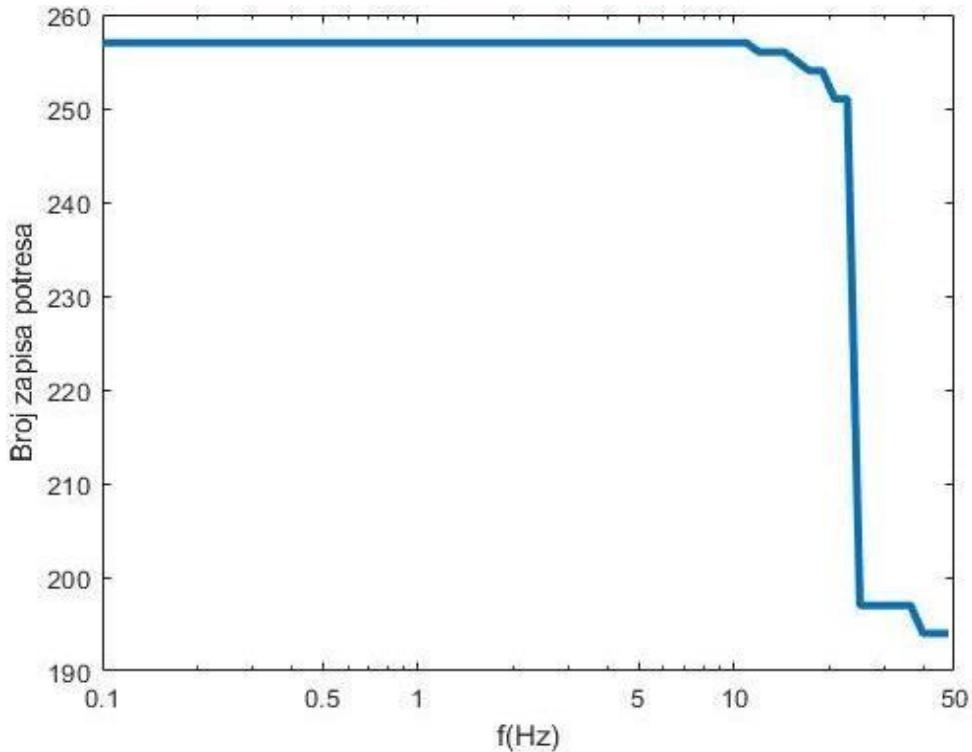
Od pojave spektralnih tehnika u okviru inženjerske seismologije izazov je predviđjeti FAS gibanja tla na temelju odabranog seta prediktivnih varijabli kao što su magnituda potresa, udaljenost između izvora i postaje, lokalni uvjeti tla ispod seizmološke postaje i dr. Postoji mnogo atenuacijskih relacija koje se koriste za određivanje spektra odgovora gibanja tla, no studije koje predviđaju FAS su rijetke (Trifunac, 1976; McGuire, 1978; Atkinson i Mereu, 1992 i Sokolov i sur., 2000).

Najčešće se FAS gibanja tla objašnjava uz pomoć Bruneovog spektra izvora koji je modificiran atenuacijom tijekom propagacije vala te amplifikacijom zbog uvjeta tla ispod seizmološke postaje. Idealni funkcionalni oblik za procjenu FAS-a uključivao bi sve seizmološke parametre koji određuju oblik spektra izvora, stazu vala i lokalne uvjete tla kao što su: κ , Q -faktor, amplifikacija,... Kako bi se izbjegla divergencija regresijskog postupka, broj prediktornih varijabli sveden je na tri: magnitudu, udaljenost između izvora i postaje i V_{S30} . Funkcionalni oblik empirijske jednadžbe koja se koristi u ovome istraživanju je (Bora i sur., 2014):

$$\begin{aligned} \ln(Y(f)) = & c_0 + c_1 M_W + c_2 M_W^2 + (c_3 + c_4 M_W) \ln\left(\sqrt{R_{JB}^2 + c_5^2}\right) \\ & - c_6 \sqrt{R_{JB}^2 + c_5^2} + c_7 \ln V_{S30} + \eta + \varepsilon \end{aligned} \quad (14)$$

$Y(f)$ određuje se na način da se najprije za obje horizontalne komponente akcelerograma odredi Fourierov amplitudni spektar za frekvenciju f . Nakon toga, $Y(f)$ se odredi kao geometrijski srednjak FAS-a dviju horizontalnih komponenti akcelerograma. Prediktori su jednaki onima koji su korišteni prilikom procjene vremena trajanja gibanja tla: M_W , R_{JB} i V_{S30} . Reziduali između događaja (η) i reziduali unutar događaja (ε) su nezavisne varijable s normalnom razdiobom i standardnim devijacijama τ i φ . Ukupna standardna devijacija računa se kao i u jednadžbi (13). Regresija je primijenjena na jednadžbu (14) za frekvencije u rasponu od 0.1 do 47.86 Hz s rezolucijom od 0.04 u logaritamskoj skali, isto

kao u istraživanju Bora i sur. (2014). Dakle, dobiven je set koeficijenata c_0-c_7 za 68 različitih frekvencija. Za određivanje reziduala korišten je algoritam regresije nasumičnih efekata (Abrahamson i Young, 1992). Nyquistova frekvencija pojedinih zapisa je manja od 47.86 Hz, pa broj zapisa koji se koristi za regresiju za određenu frekvenciju nije uvijek jednak. Promjena broja podataka koji se koristi za regresiju prikazan je na slici 10.



Slika 10: Broj zapisa potresa koji se koriste unutar regresije za različite frekvencije.

5.2 Rezultati regresije i reziduali

Vrijednosti koeficijenata dobivene primjenom regresije na jednadžbu (14) prikazani su u tablici 2. Koeficijenti su određeni pomoću MatLab programskog paketa. Regresija je primijenjena na jednadžbu (14) za frekvencije u rasponu od 0.1 do 47.86 Hz s rezolucijom od 0.04 u logaritamskoj skali, isto kao u istraživanju Bora i sur. (2014). Dakle dobiven je set koeficijenata c_0-c_7 za 68 različitih frekvencija. Reziduali unutar događaja i reziduali između događaju određeni su pomoću algoritma regresije nasumičnih efekata (Abrahamson i Youngs, 1992). Nakon što su određeni reziduali, izračunate su njihove standardne devijacije φ i τ . Ukupna standardna devijacija σ određena je pomoću formule (13).

Tablica 2: Koeficijenti dobiveni primjenom regresije na jednadžbu (14).

| f(Hz) | c₀ | c₁ | c₂ | c₃ | c₄ | c₅ | c₆ | c₇ |
|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 0.100 | -25,0719 | 1,6975 | 0,2145 | -3,1352 | 0,3669 | 6,2019 | 0,0077 | 0,5050 |
| 0.110 | -27,0816 | 2,4471 | 0,1458 | -3,2815 | 0,3761 | 6,5729 | 0,0047 | 0,5787 |
| 0.120 | -29,9919 | 3,4133 | 0,0624 | -3,4073 | 0,3774 | -6,1546 | 0,0000 | 0,6763 |
| 0.132 | -33,0856 | 4,4281 | -0,0369 | -3,3260 | 0,3845 | -5,2864 | 0,0000 | 0,7418 |
| 0.145 | -37,1778 | 5,8549 | -0,1617 | -3,0931 | 0,3534 | -4,5186 | 0,0000 | 0,7626 |
| 0.158 | -39,3128 | 6,4183 | -0,2052 | -2,8367 | 0,3262 | -3,5614 | 0,0000 | 0,8031 |
| 0.174 | -41,2435 | 7,1472 | -0,2601 | -2,4286 | 0,2638 | -3,0891 | 0,0000 | 0,7493 |
| 0.191 | -44,9038 | 8,4487 | -0,3695 | -1,9504 | 0,1926 | 2,3393 | 0,0000 | 0,7231 |
| 0.209 | -45,5548 | 8,4829 | -0,3665 | -1,5991 | 0,1489 | 1,2142 | 0,0000 | 0,7623 |
| 0.229 | -46,4181 | 8,7518 | -0,3814 | -1,1739 | 0,0840 | -0,7170 | 0,0000 | 0,7502 |
| 0.251 | -46,3363 | 9,0601 | -0,4111 | -0,9300 | 0,0341 | 0,9575 | 0,0000 | 0,6719 |
| 0.275 | -46,7080 | 9,3733 | -0,4462 | -0,6816 | 0,0032 | -0,5782 | 0,0000 | 0,6318 |
| 0.302 | -46,2461 | 9,3378 | -0,4373 | -0,2049 | -0,0676 | 0,4776 | 0,0000 | 0,5443 |
| 0.331 | -45,3325 | 9,3769 | -0,4484 | -0,0990 | -0,0884 | 0,5304 | 0,0000 | 0,4727 |
| 0.363 | -44,0399 | 8,8659 | -0,3949 | 0,2386 | -0,1455 | 0,5630 | 0,0000 | 0,4807 |
| 0.398 | -41,9047 | 8,5034 | -0,3670 | 0,5137 | -0,1990 | 0,6996 | 0,0000 | 0,3511 |
| 0.437 | -41,1943 | 8,3661 | -0,3603 | 0,6989 | -0,2237 | 0,6656 | 0,0000 | 0,3462 |
| 0.479 | -37,2185 | 7,2912 | -0,2812 | 0,6002 | -0,2082 | 0,6585 | 0,0000 | 0,3122 |
| 0.525 | -36,5195 | 7,2779 | -0,2814 | 0,8013 | -0,2530 | -0,9553 | 0,0000 | 0,2710 |
| 0.575 | -32,8636 | 6,5438 | -0,2310 | 0,6075 | -0,2310 | -1,2186 | 0,0000 | 0,1445 |
| 0.631 | -30,8502 | 6,1127 | -0,1969 | 0,5823 | -0,2320 | 1,6912 | 0,0000 | 0,0898 |
| 0.692 | -28,6158 | 5,8224 | -0,1937 | 0,3684 | -0,1978 | -1,5426 | 0,0000 | 0,0135 |
| 0.759 | -25,5671 | 4,9265 | -0,1353 | 0,1992 | -0,1637 | -1,4470 | 0,0000 | 0,0295 |
| 0.832 | -23,2843 | 4,8140 | -0,1513 | -0,1757 | -0,1079 | -1,9290 | 0,0000 | -0,0837 |
| 0.912 | -22,6530 | 4,5749 | -0,1491 | -0,4262 | -0,0699 | 2,1530 | 0,0000 | 0,0635 |
| 1.000 | -20,5797 | 4,3234 | -0,1319 | -0,3910 | -0,0938 | 2,5645 | 0,0000 | -0,0602 |
| 1.096 | -18,8201 | 3,8360 | -0,1099 | -0,7316 | -0,0295 | 1,9003 | 0,0000 | -0,0145 |
| 1.202 | -17,2862 | 3,7778 | -0,1278 | -1,1133 | 0,0272 | 2,5465 | 0,0000 | -0,0657 |
| 1.318 | -16,7150 | 3,6087 | -0,1255 | -1,2547 | 0,0491 | 1,6299 | 0,0000 | 0,0094 |
| 1.445 | -15,3638 | 3,3821 | -0,0971 | -1,0099 | -0,0054 | 2,8782 | 0,0000 | -0,1051 |
| 1.585 | -13,0146 | 2,7202 | -0,0473 | -1,2587 | 0,0264 | -3,7685 | 0,0000 | -0,0804 |

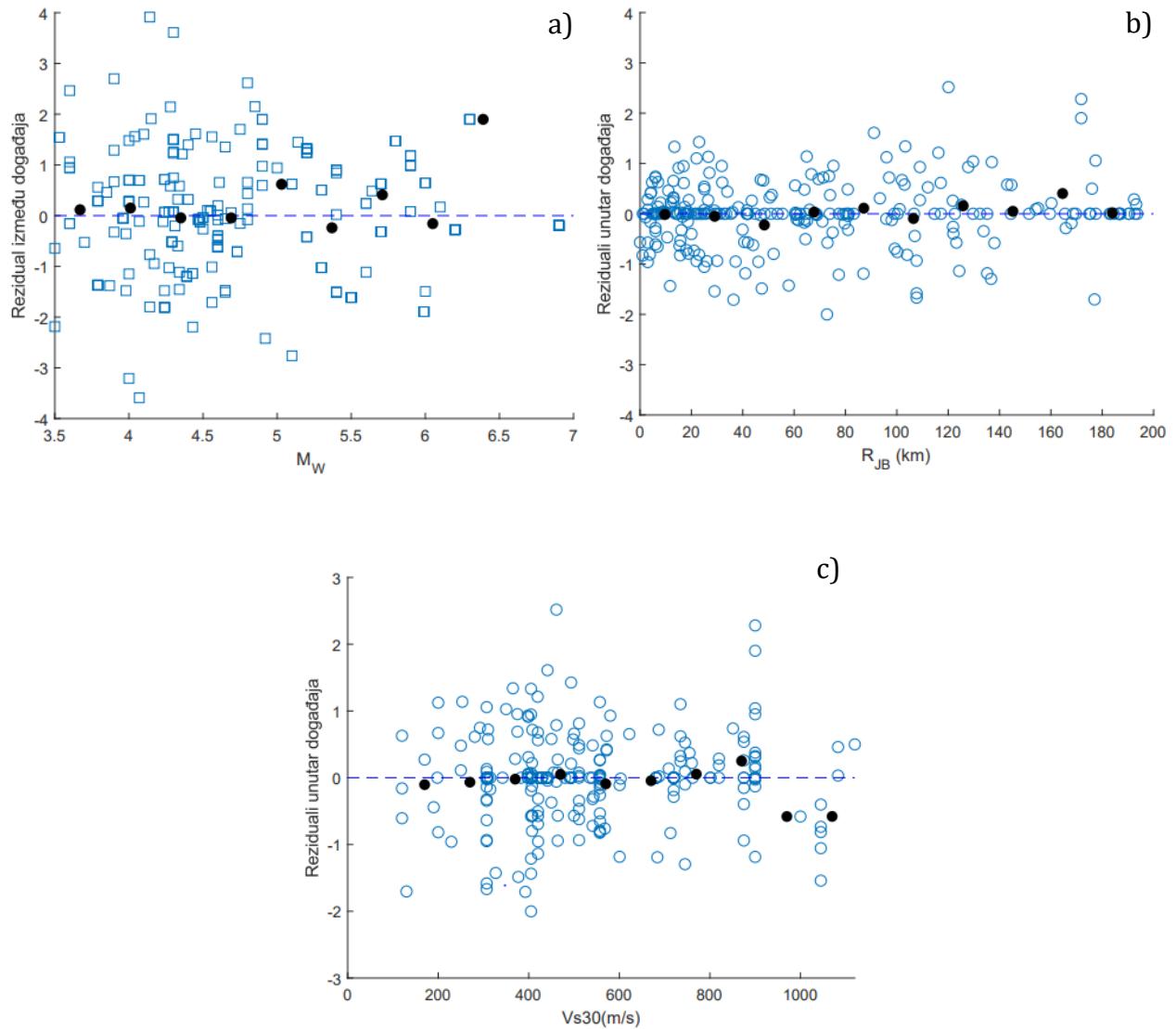
Tablica 2: (*nastavak*)

| 1.738 | -12,2630 | 2,4820 | -0,0405 | -1,4436 | 0,0691 | 2,6357 | 0,0000 | -0,0466 |
|---------------|-----------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|
| 1.905 | -11,9504 | 2,9022 | -0,0986 | -1,7198 | 0,1058 | 2,9901 | 0,0000 | -0,1285 |
| 2.089 | -8,5715 | 2,0565 | -0,0361 | -1,9190 | 0,1319 | -4,0004 | 0,0000 | -0,1894 |
| 2.291 | -9,0105 | 2,7273 | -0,1269 | -2,3615 | 0,2093 | 4,9508 | 0,0000 | -0,2273 |
| 2.512 | -7,5053 | 2,4788 | -0,1172 | -2,5570 | 0,2312 | 6,8068 | 0,0000 | -0,2463 |
| 2.754 | -5,7843 | 1,9105 | -0,0848 | -2,8360 | 0,2803 | 7,0737 | 0,0000 | -0,1768 |
| 3.020 | -5,1919 | 1,8638 | -0,1048 | -3,1283 | 0,3219 | 7,8430 | 0,0000 | -0,0950 |
| 3.311 | -8,1217 | 2,2331 | -0,0949 | -2,5245 | 0,2004 | 8,8540 | 0,0007 | 0,0480 |
| 3.631 | -8,1005 | 1,7495 | -0,0711 | -2,3164 | 0,2520 | 4,1833 | 0,0068 | 0,1033 |
| 3.981 | -6,1622 | 1,2598 | -0,0460 | -2,8233 | 0,3161 | 5,9922 | 0,0046 | 0,1731 |
| 4.365 | -6,0009 | 1,1410 | -0,0276 | -2,6064 | 0,2789 | 5,5947 | 0,0052 | 0,1483 |
| 4.786 | -4,5727 | 1,0227 | -0,0259 | -2,7478 | 0,2950 | 6,5908 | 0,0047 | 0,0386 |
| 5.248 | -4,9116 | 0,8612 | -0,0314 | -2,7455 | 0,3371 | 4,5712 | 0,0073 | 0,1324 |
| 5.754 | -5,2227 | 0,6215 | 0,0040 | -2,5849 | 0,2824 | 5,5158 | 0,0070 | 0,2804 |
| 6.310 | -4,8726 | 0,6153 | -0,0171 | -2,7554 | 0,3374 | 5,7094 | 0,0094 | 0,2685 |
| 6.918 | -3,0603 | 0,0765 | 0,0339 | -2,8205 | 0,3207 | 6,2441 | 0,0090 | 0,2671 |
| 7.586 | -3,1882 | 0,7268 | -0,0370 | -2,9746 | 0,3225 | 6,8322 | 0,0067 | 0,1107 |
| 8.318 | -4,4159 | 0,4519 | -0,0028 | -2,5839 | 0,2848 | 5,7471 | 0,0105 | 0,2848 |
| 9.120 | -2,1469 | 0,0956 | 0,0103 | -3,1469 | 0,3304 | 8,7615 | 0,0069 | 0,3204 |
| 10.000 | -2,9498 | -0,2324 | 0,0697 | -2,6183 | 0,2408 | 8,9063 | 0,0081 | 0,4022 |
| 10.965 | -5,0681 | 0,2910 | 0,0289 | -2,3748 | 0,2033 | 9,5906 | 0,0094 | 0,4543 |
| 12.023 | -5,3925 | 0,7162 | -0,0220 | -2,6495 | 0,2278 | 10,2155 | 0,0078 | 0,4346 |
| 13.183 | -5,0040 | 0,8276 | -0,0324 | -2,9129 | 0,2199 | 11,7632 | 0,0048 | 0,4533 |
| 14.454 | -4,2165 | 1,0238 | -0,0337 | -2,8882 | 0,1428 | 14,0401 | 0,0000 | 0,3368 |
| 15.849 | -2,7434 | 0,3709 | 0,0115 | -2,8526 | 0,1756 | 13,2637 | 0,0055 | 0,3260 |
| 17.378 | -2,0111 | -0,0444 | 0,0181 | -3,1372 | 0,2546 | 11,1760 | 0,0061 | 0,4140 |
| 19.055 | -1,1901 | -0,1292 | 0,0333 | -3,3457 | 0,2312 | 13,2581 | 0,0025 | 0,4261 |
| 20.893 | -1,1104 | 0,2337 | 0,0360 | -3,3857 | 0,1498 | 17,8018 | 0,0000 | 0,3577 |
| 22.909 | -3,3549 | -0,5290 | 0,1116 | -2,4161 | 0,1507 | 10,0100 | 0,0089 | 0,4081 |
| 25.119 | 10,8057 | -3,7469 | 0,3132 | -5,0791 | 0,5228 | 16,2720 | 0,0000 | 0,3314 |
| 27.542 | 14,2678 | -4,6864 | 0,3894 | -5,3104 | 0,5769 | 16,4525 | 0,0000 | 0,1407 |
| 30.200 | 9,5897 | -3,7381 | 0,3494 | -4,5481 | 0,4450 | 13,1796 | 0,0000 | 0,1564 |
| 33.113 | 10,5586 | -4,3789 | 0,4239 | -4,2231 | 0,3823 | 11,9553 | 0,0000 | 0,1242 |

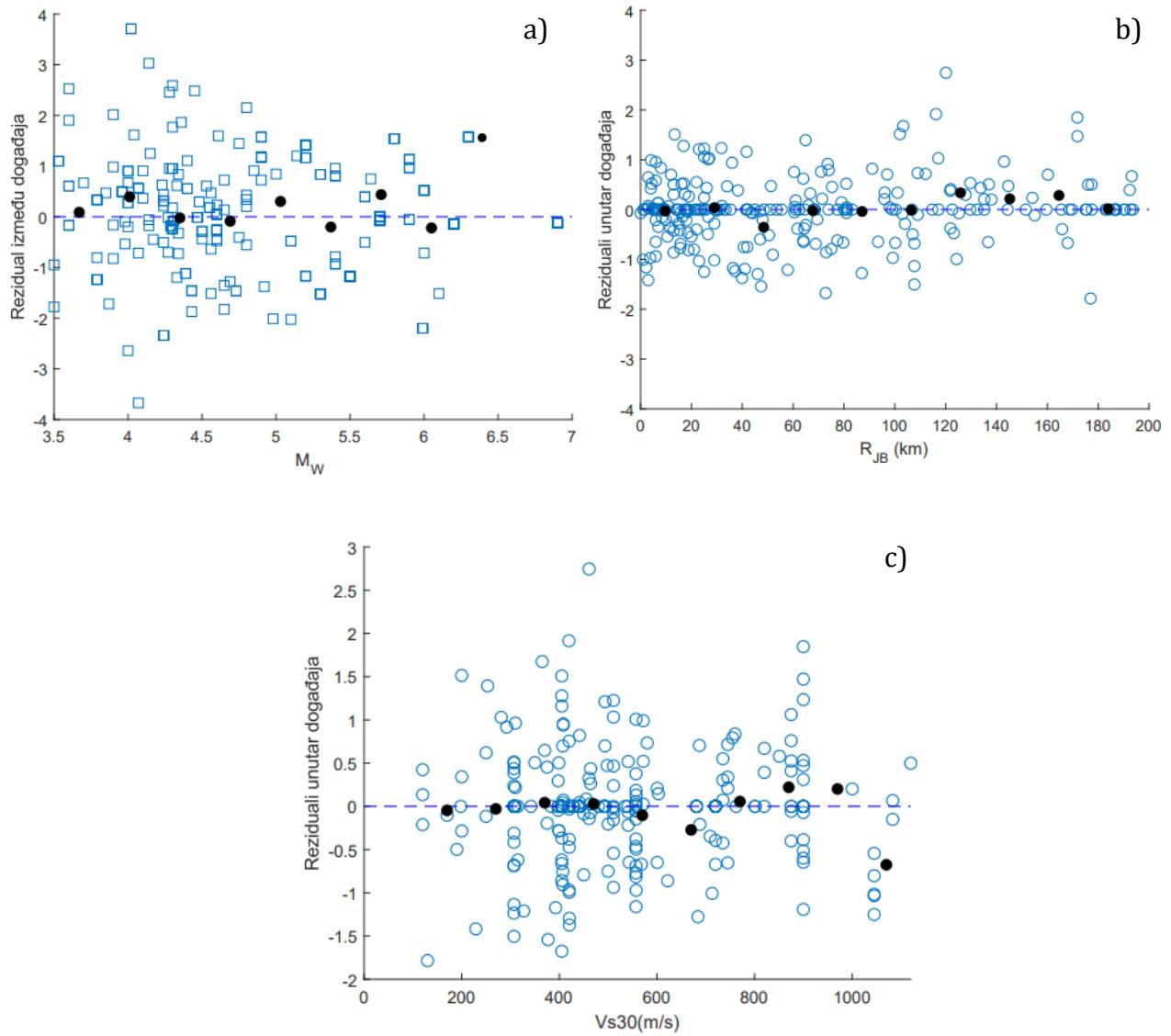
Tablica 2: (*nastavak*)

| | | | | | | | | |
|---------------|----------------|----------------|---------------|----------------|---------------|----------------|---------------|---------------|
| 36.308 | 12,6715 | -5,0973 | 0,4943 | -4,6707 | 0,4152 | 13,4673 | 0,0000 | 0,2032 |
| 39.811 | 14,6406 | -4,6756 | 0,5071 | -4,4674 | 0,2628 | 15,9952 | 0,0000 | -0,2303 |
| 43.652 | 32,4147 | -7,4045 | 0,7002 | -7,4552 | 0,4903 | 26,3354 | 0,0000 | -0,5683 |
| 47.863 | 44,9295 | -12,8252 | 1,0728 | -8,5980 | 1,0054 | 27,5137 | 0,0181 | -0,6489 |

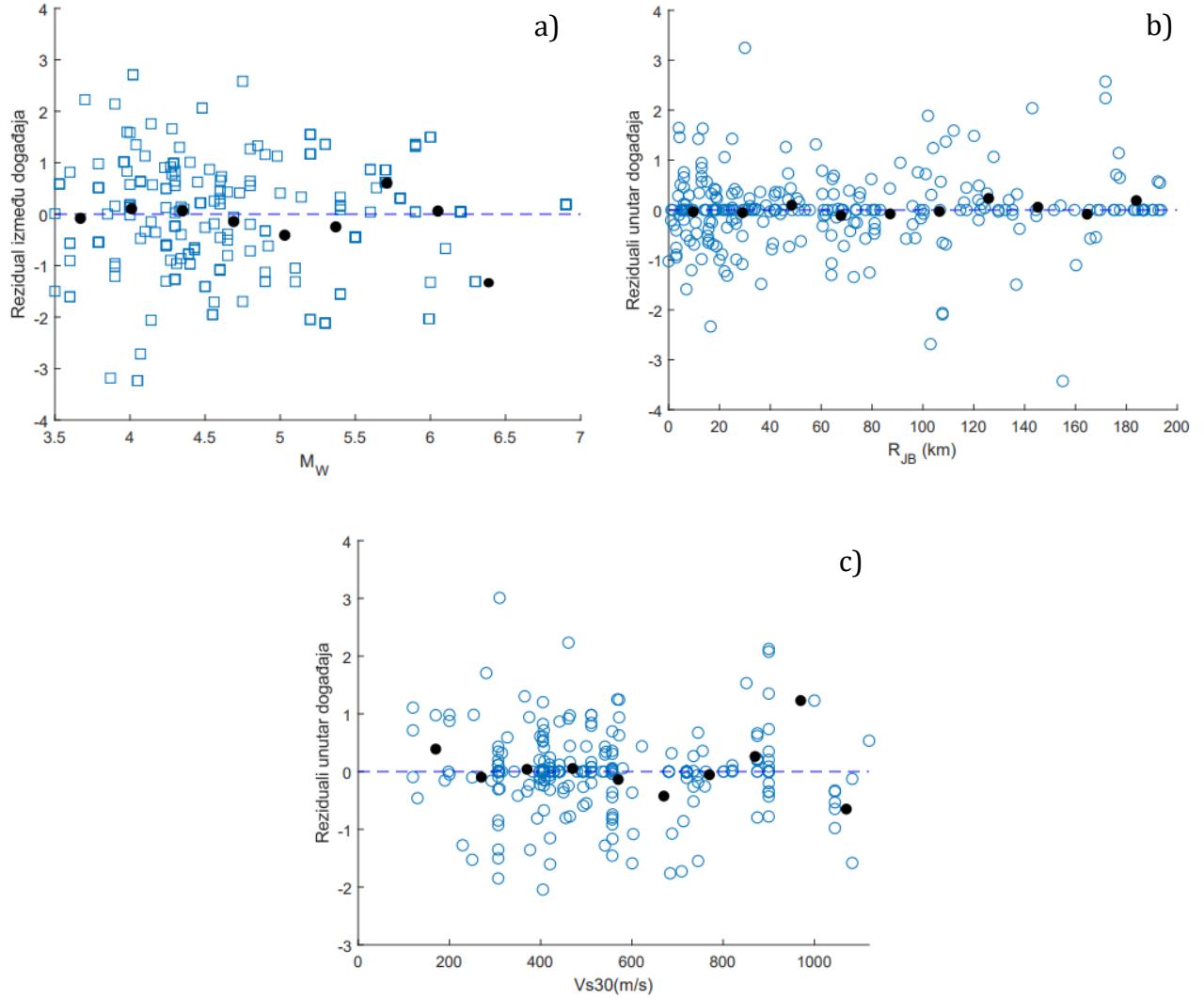
Izračunati su reziduali, a kako bi se procijenila stabilnost i robusnost empirijske jednadžbe. Na slikama 11, 12 i 13 prikazane su ovisnosti reziduala za frekvencije od 0.1, 1 i 10 Hz o tri prediktivne varijable. Reziduali između događaja prikazani su u ovisnosti o momentnoj magnitudi, dok su reziduali unutar događaja prikazani u ovisnosti o Joyner-Boore udaljenosti i parametru V_{s30} . Također, reziduali su razvrstani u razrede jednakih širina u ovisnosti o prediktivnim varijablama. Postoji osam razreda u kojima je raspon magnituda jednak 0.34, deset razreda u kojima je raspon Joyner-Boore udaljenosti jednak 20 km te deset razreda u kojima je raspon iznosa parametra V_{s30} jednak 100 m/s. Izračunata je srednja vrijednost za svaki pojedini razred i prikazana je na grafovima crnim točkama. Možemo uočiti da srednje vrijednosti većine razreda fluktuiraju oko nule. Najveća odstupanja za rezidual unutar događaja opažena su na svim frekvencijama za razred u kojem je raspon vrijednosti V_{s30} između 920 i 1020 m/s. Odstupanje je prisutno navjerojatnije zbog toga što u tom razredu postoji samo jedan podatak. Na frekvenciji od 1 Hz postoji veliko odstupanje za posljednji razred u kojem je raspon vrijednosti V_{s30} između 1020 i 1120 m/s. Najveća odstupanja reziduala između događaja opažena su na svim frekvencijama za razred u kojima je raspon vrijednosti M_w između 6.22 i 6.56. Također, odstupanje je prisutno zbog toga što u tom razredu postoji samo jedan podatak.



Slika 11: Ovisnosti reziduala o tri prediktivne varijable: (a) momentnoj magnitudi (M_w), (b) Joyner-Boore udaljenosti (R_{JB}) i (c) prosječnoj brzini transverzalnih valova u prvih 30 m ispod površine (V_{s30}) pri frekvenciji od 0.1 Hz. Crnim točkama prikazani su srednjaci pojedinih razreda.



Slika 12: Ovisnosti reziduala o tri prediktivne varijable: (a) momentnoj magnitudi (M_w), (b) Joyner-Boore udaljenosti (R_{JB}) i (c) prosječnoj brzini transverzalnih valova u prvih 30 m ispod površine (V_{s30}) pri frekvenciji od 1 Hz. Crnim točkama prikazani su srednjaci pojedinih razreda.

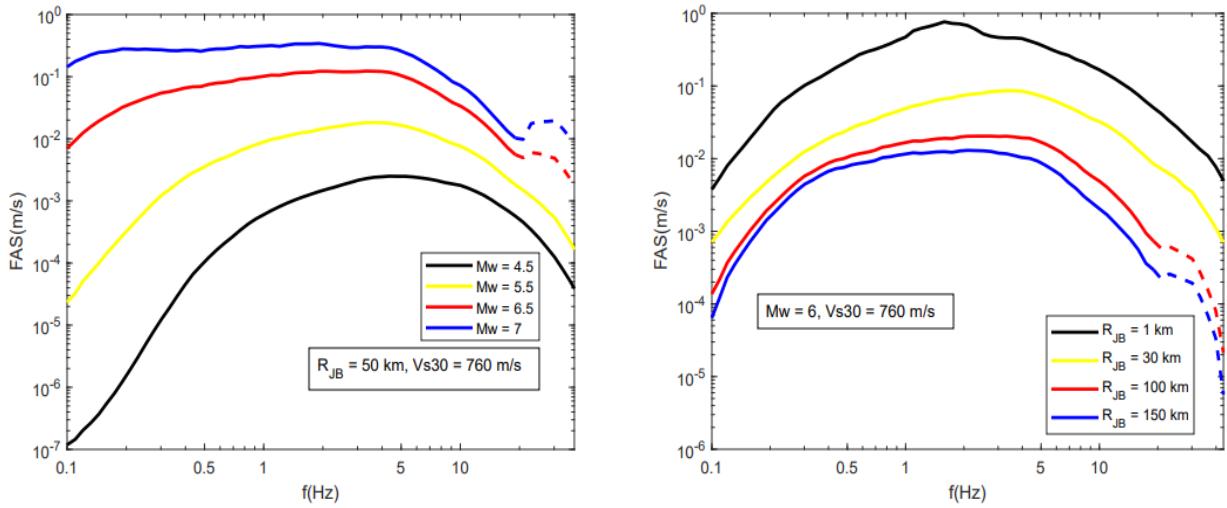


Slika 13: Ovisnosti reziduala o tri prediktivne varijable: (a) momentnoj magnitudi (M_w), (b) Joyner-Boore udaljenosti (R_{JB}) i (c) prosječnoj brzini transverzalnih valova u prvih 30 m ispod površine (V_{s30}) pri frekvenciji od 10 Hz. Crnim točkama prikazani su srednjaci pojedinih razreda.

5.3 Procijenjeni FAS

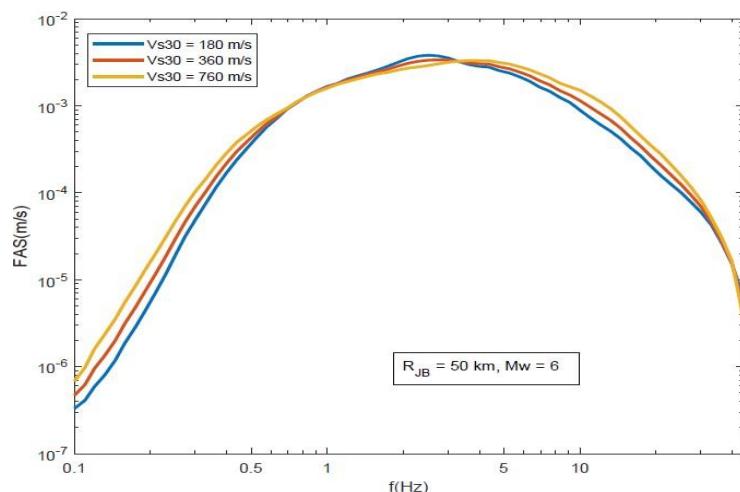
Fourierovi amplitudni spektri izračunati na osnovu empirijske jednadžbe (14) u ovisnosti o frekvenciji za različite magnitudo prikazani su na slici 14. Može se uočiti kako su krivulje koje odgovaraju većim magnitudama prikazane crtano na frekvencijama iznad 20 Hz. Naime, poznato je iz histograma na slici 4 da u setu podataka postoji samo sedamnaest zapisa magnituda veće od 6.5, a osim toga Nyquistova frekvencija osam zapisa je manja od 25 Hz pa je konačan broj zapisa koji se koristi za regresiju iznad 25 Hz sveden na samo sedam zapisa. Upravo zbog navedenih razloga krivulje koje predstavljaju veće magnitudo postanu nestabilne na višim frekvencijama.

Također, na slici 14 prikazani su Fourierovi amplitudni spektri u ovisnosti o frekvenciji za različite udaljenosti R_{JB} . Ponovno zbog nedostatka zapisa za koje je Joyner-Boore udaljenost veća od 100 km grafovi koji predstavljaju velike Joyner-Boore udaljenosti prikazane su crtanom linijom na frekvencijama iznad 20 Hz jer rješenja postanu nestabilna. Ukupno je 32 zapisa kojima je Joyner-Boore udaljenost veća od 150 km, a od toga 29 zapisa ulazi u analizu.



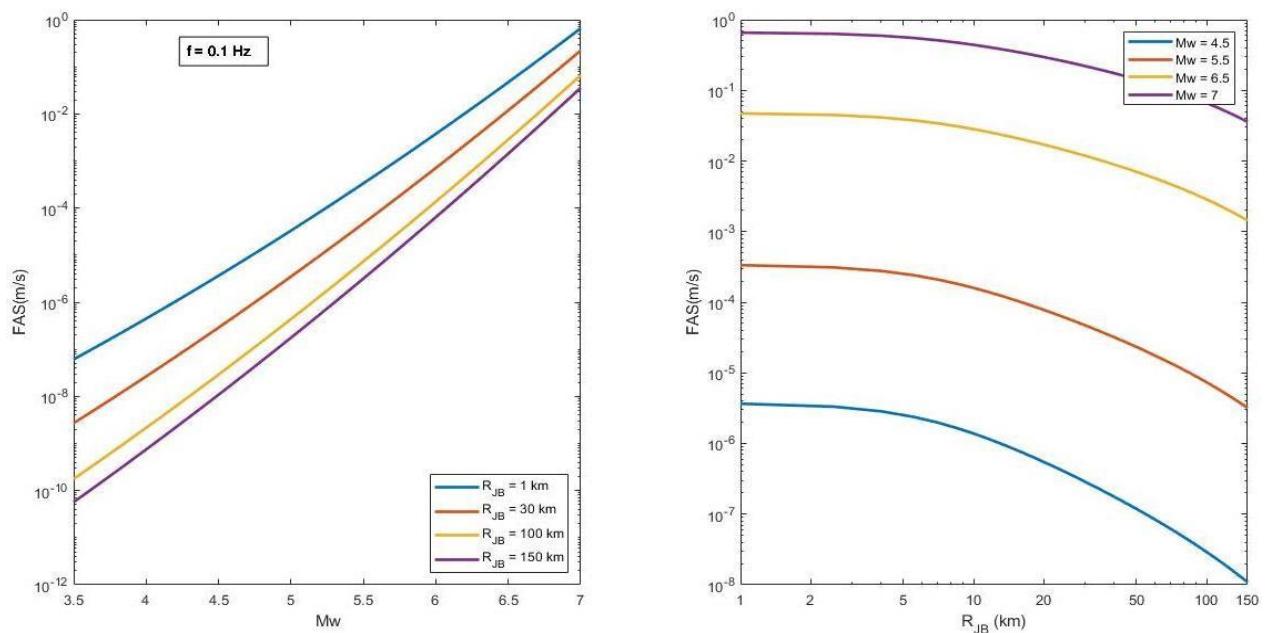
Slika 14: Lijevo: Ovisnost FAS-a o frekvenciji za različite magnitude. Desno: Ovisnost FAS-a o frekvenciji za različite Joyner-Boore udaljenosti.

Na slici 15 prikazani su Fourierovi amplitudni spektri u ovisnosti o frekvenciji za različite parametre V_{s30} . Sa slike se može uočiti da se maksimum FAS-a postiže na nižim frekvencijama ako se ispod postaje nalazi rahlo tlo, dok se maksimum FAS-a postiže na višim frekvencijama ako se ispod postaje nalazi stijena.

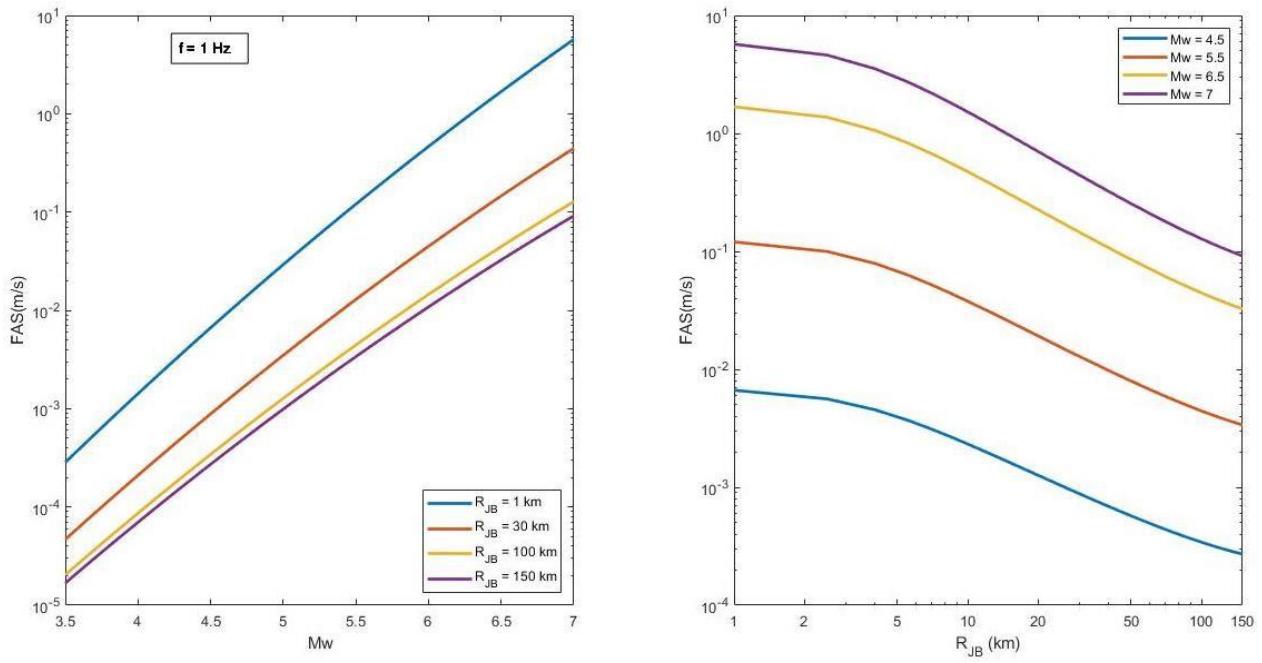


Slika 15: Ovisnost FAS-a o frekvenciji za različite vrijednosti parametra V_{s30} .

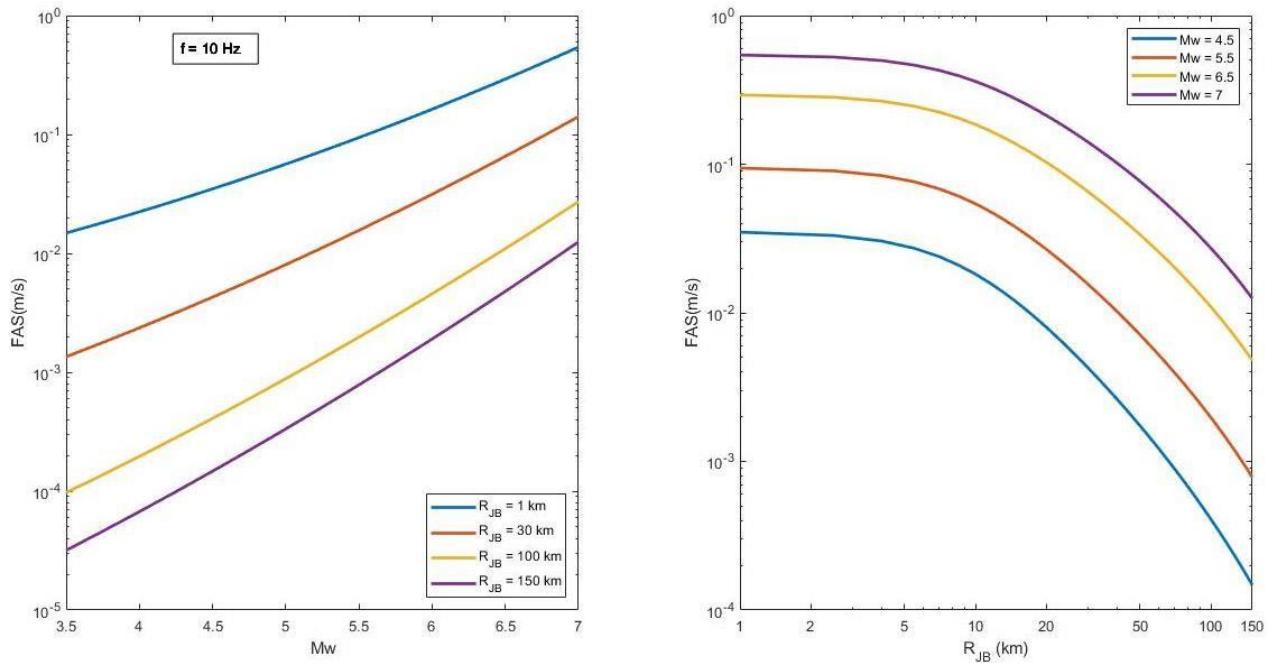
Dodatno, na slikama 16, 17 i 18 prikazan je FAS u ovisnosti o momentnoj magnitudi za različite udaljenosti R_{JB} pri frekvencijama od 0.1, 1 i 10 Hz te FAS u ovisnosti o R_{JB} za različite momentne magnitudo pri istim frekvencijama (0.1, 1 i 10 Hz). Može se uočiti kako se vrijednosti FAS-a sporo smanjuju u ovisnosti o udaljenosti, pogotovo za velike magnitude, što je u skladu s očekivanjima. Navedeno se može objasniti stohastičkim modelom - potresi velikih magnituda generiraju velike količine valova na nižim frekvencijama, a oni atenuiraju sporije zbog smanjenog utjecaja Q -faktora u tom frekvencijskom rasponu.



Slika 16: Lijevo: Ovisnost FAS-a o M_w za različite vrijednosti R_{JB} pri frekvenciji $f = 0.1 \text{ Hz}$. Desno: Ovisnost FAS-a o R_{JB} za različite vrijednosti M_w pri frekvenciji $f = 0.1 \text{ Hz}$.



Slika 17: Lijevo: Ovisnost FAS-a o M_w za različite vrijednosti R_{JB} pri frekvenciji $f = 1 \text{ Hz}$. Desno: Ovisnost FAS-a o R_{JB} za različite vrijednosti M_w pri frekvenciji $f = 1 \text{ Hz}$.

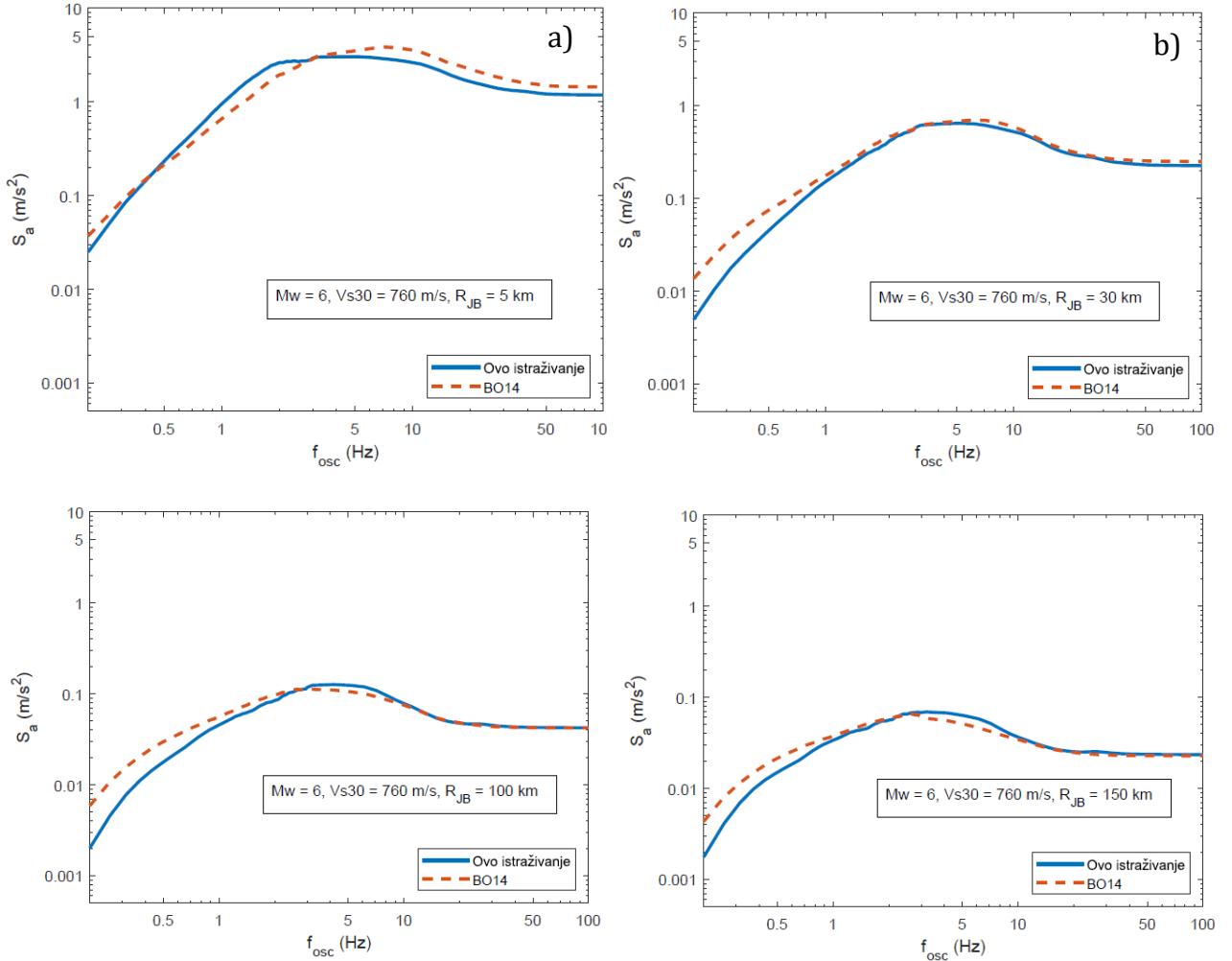


Slika 18: Lijevo: Ovisnost FAS-a o M_w za različite vrijednosti R_{JB} pri frekvenciji $f = 10 \text{ Hz}$. Desno: Ovisnost FAS-a o R_{JB} za različite vrijednosti M_w pri frekvenciji $f = 10 \text{ Hz}$.

6 Spektar odgovora – rezultati i diskusija

Spektar odgovora izračunat je uz pomoć RVT metode. Korištene su izračunate vrijednosti FAS-a i trajanja gibanja tla D_{gm} te su kombinirane unutar RVT metode, kako je opisano u poglavlju 2. Konzistentnost opisanog pristupa generiranja spektra odgovora moguće je potvrditi usporedbom dobivenog spektra odgovora sa spektrima odgovora iz prijašnjih istraživanja. Za usporedbu će se koristiti istraživanje Bora i sur. (2014). U dalnjem tekstu koristit će se skraćenica BO14 (Bora i sur., 2014). Istraživanje BO14 temelji se na 1232 zapisa od 369 potresa za koje je momentna magnituda u rasponu od 4 do 7.6, a $R_{JB} \leq 200$ km. Istraživanje u najvećoj mjeri obuhvaća zapise s područja Turske, Italije i Grčke. U BO14 korišten je geometrijski srednjak dvije horizontalne komponente, a empirijske jednadžbe razvijene su za frekvencije oscilatora u rasponu od 0.1-100 Hz. U ovome istraživanju korišten je raspon frekvencija oscilatora od 0.2 do 100 Hz.

Na slici 19 prikazana je usporedba spektara odgovora iz BO14 istraživanja sa spektrima odgovora dobivenih u ovome istraživanju. Spektri su izračunati za R_{JB} u iznosu od 2, 30, 100 i 150 km za potres momentne magnitude 6 i parametar V_{s30} koji iznosi 760 m/s.

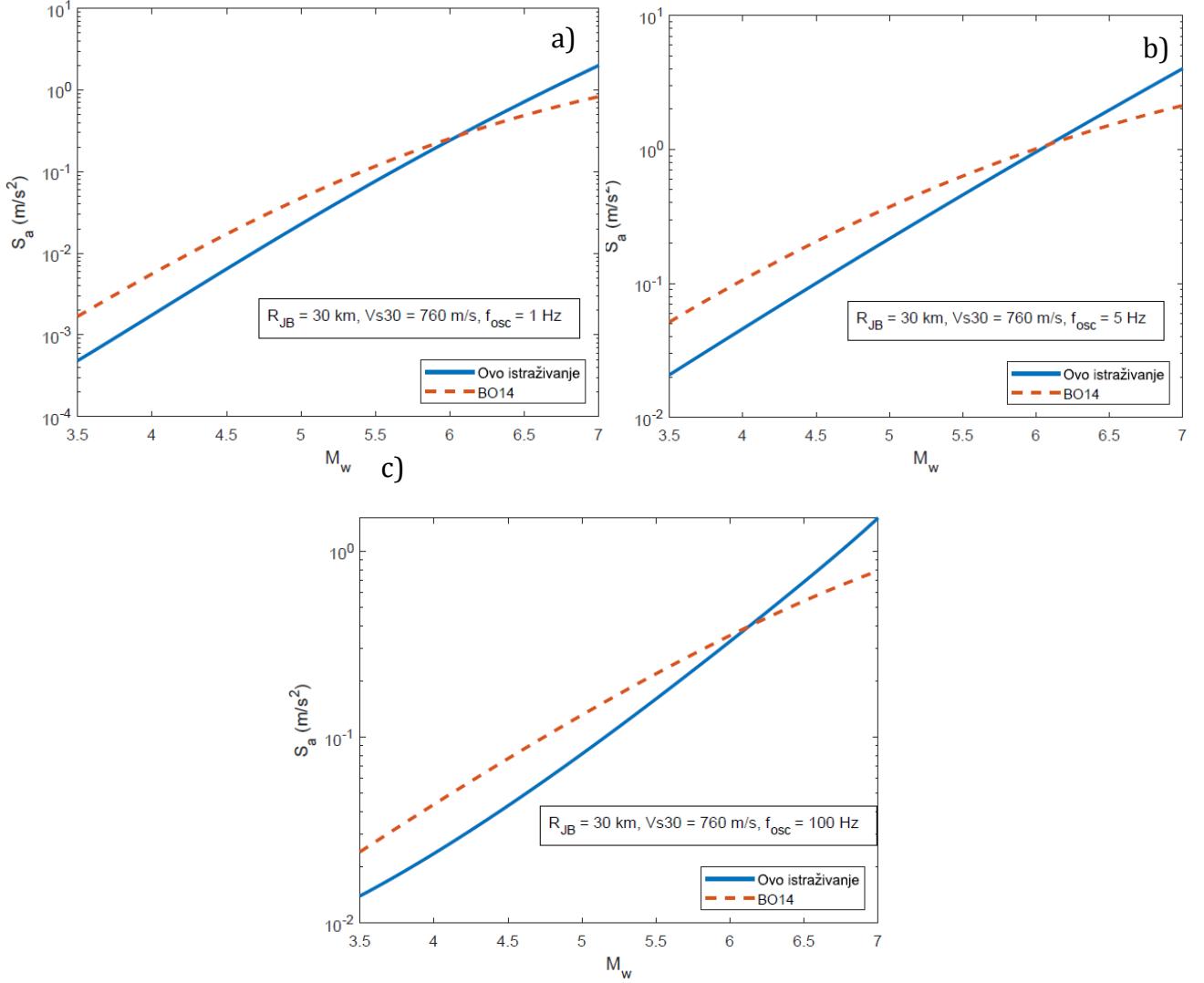


Slika 19: Usporedba spektra odgovora dobivenog u ovom istraživanju sa spektrom odgovora iz istraživanja BO14 za slučaj kada je $M_W = 6$, $V_{s30} = 760 \text{ m/s}$ te: a) $R_{JB} = 5 \text{ km}$ b) $R_{JB} = 30 \text{ km}$ c) $R_{JB} = 100 \text{ km}$ i d) $R_{JB} = 150 \text{ km}$.

Spektri odgovora se vrlo dobro poklapaju s onima iz BO14, osim na najnižim frekvencijama oscilatora. Dobro poklapanje rezultat je činjenice da su korištene iste empirijske jednadžbe za procjenu FAS-a i trajanja gibanja tla. S obzirom na to da se istraživanje iz BO14 temelji na podacima s područja Turske, Grčke i Italije nepodudarnosti u spektrima odgovora mogu se pripisati razlici u ulaznim skupovima podataka te samim time, primjenjivosti na seizmički i geološki drugačije područje. Također, trajanje potresa u BO14 nije određeno iz Ariasovog intenziteta kao u ovom istraživanju.

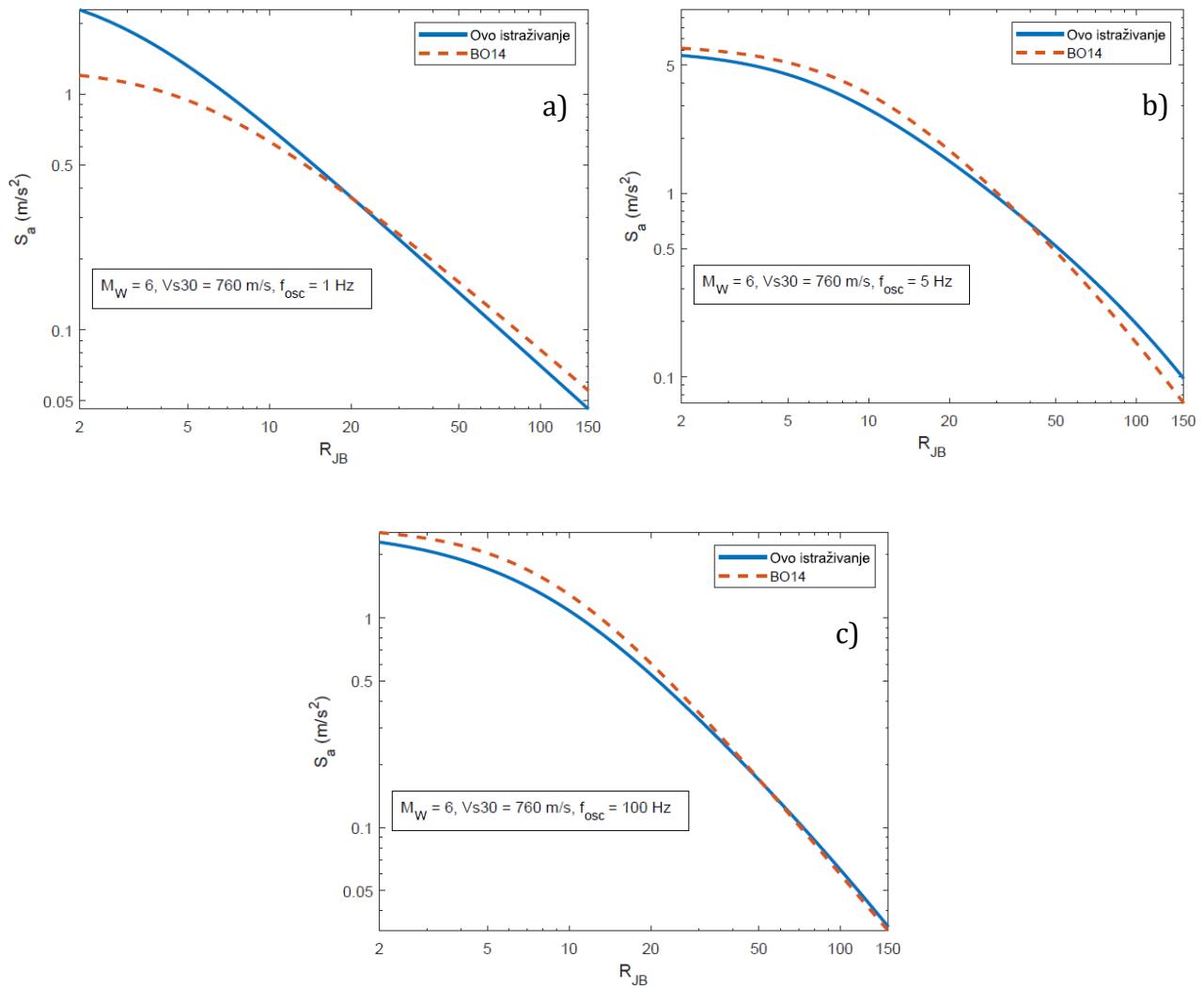
Na slici 20 prikazana je ovisnost spektra odgovora o momentnoj magnitudi za udaljenost $R_{JB} = 30 \text{ km}$, za frekvencije oscilatora od 1, 5 i 100 Hz. Dodatno, prikazana je usporedba s istraživanjem BO14. Naše istraživanje podcjenjuje iznos spektra odgovora na

nižim frekvencijama oscilatora, a precjenjuje iznos spektra odgovora na višim frekvencijama. Očekivano s povećanjem magnitude dolazi do povećanja akceleracije gibanja tla.



Slika 20: Ovisnost spektra odgovora o magnitudi za scenarij: $R_{JB} = 30 \text{ km}$, $V_{s30} = 760 \text{ m/s}$, pri frekvencijama: a) $f_{osc} = 1 \text{ Hz}$ b) $f_{osc} = 5 \text{ Hz}$ i c) $f_{osc} = 100 \text{ Hz}$. Usporedba s istraživanjem BO14.

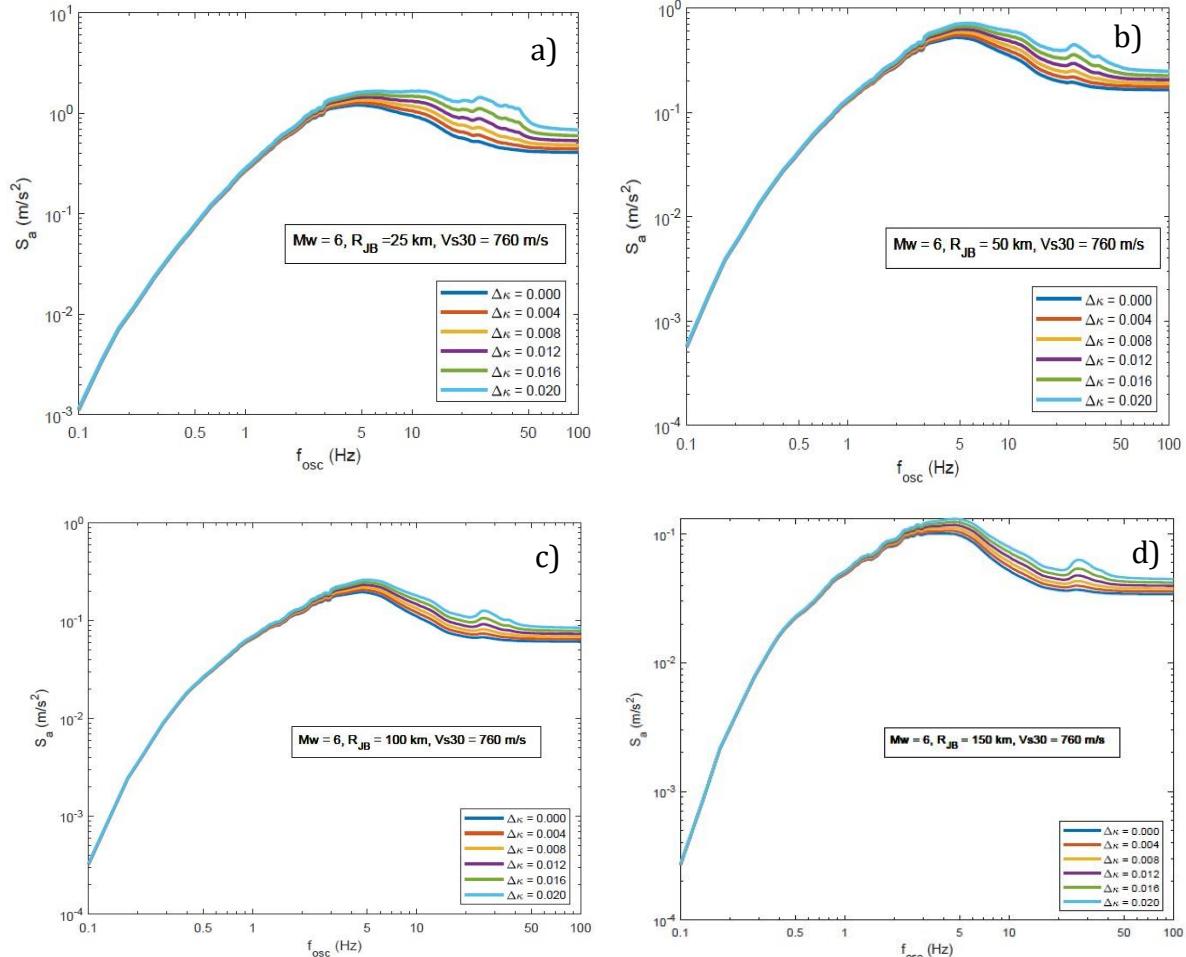
Na slici 21 prikazana je ovisnost spektra odgovora o Joyner-Boore udaljenosti za magnitudu $M_W = 6$, te za frekvencije oscilatora od 1, 5 i 100 Hz. Dodatno, prikazana je usporedba s istraživanjem BO14. Rezultati su slični, posebno za više frekvencije oscilatora. S povećanjem udaljenosti smanjuje se akceleracija, što je u skladu s očekivanjima.



Slika 21: Ovisnost spektra odgovora o udaljenosti za scenarij: $M_W = 6$, $V_{s30} = 760 \text{ m/s}$ pri frekvencijama: a) $f_{osc} = 1 \text{ Hz}$ b) $f_{osc} = 5 \text{ Hz}$ i c) $f_{osc} = 100 \text{ Hz}$. Usporedba s istraživanjem BO14.

7 Prilagodba spektra odgovora

Opisani postupak procjene spektra odgovora omogućuje fizikalno konzistentni način prilagodbe razlika u seismološkim parametrima. U ovome poglavlju prikazan je način prilagodbe spektra odgovora između dva područja za koja je parametar κ različit. Promotrit će se prilagodba za različite vrijednosti κ parametra ($\Delta\kappa = \kappa' - \kappa$), gdje se κ odnosi na stvarni κ parametar FAS modela. Predviđeni FAS pomnožen je s inverznim κ filterom, $e^{\pi\Delta\kappa}$ za različite $\Delta\kappa$ vrijednosti. Nakon toga modificirani FAS kombinira se s procijenjenim D_{gm} unutar RVT metode i dobije se modificirani spektar odgovora. Varijacije modificiranih spektara odgovora za različite vrijednosti κ parametra prikazane su na slici 22. Može se uočiti da je prilagođeni spektar odgovora moguće lako izračunati za promijenjene seismološke parametre. Korištenjem opisanog postupka moguće je odrediti spektre odgovora za seizmički aktivna područja u kojima postoji manjak zapisa prilagodbom postojećeg spektra odgovora, koji je određen za neko drugo područje gdje su vrijednosti seismoloških parametara drugačije.



Slika 22: Prilagodba spektra odgovora za različite vrijednosti $\Delta\kappa$ za scenarij $M_w = 6, V_{s30} = 760 \text{ m/s}$ te: a) $R_{JB} = 25 \text{ km}$, b) $R_{JB} = 50 \text{ km}$, c) $R_{JB} = 100 \text{ km}$ i d) $R_{JB} = 150 \text{ km}$.

8 Zaključak

U ovome radu korištena je metoda procjene spektra odgovora pomoću Fourierovog amplitudnog spektra i vremena trajanja gibanja tla. Određene su empirijske relacije za procjenu Fourierovog amplitudnog spektra i vremena trajanja gibanja tla. Relacije su jednostavnog oblika, a prediktivne varijable su momentna magnituda M_W , Joyner-Boore udaljenost R_{JB} te prosječna brzina transverzalnih valova u gornjih 30 m dubine ispod seizmološke postaje V_{s30} . Na prediktivne parametre koji se koriste za primjenu empirijskih relacija za procjenu Fourierovog amplitudnog spektra i vremena trajanja gibanja tla postavljena su ograničenja: $M_W > 3.5$ i $R_{JB} < 200 \text{ km}$. Na parametar V_{s30} nisu postavljena nikakva ograničenja i korištene su vrijednosti u rasponu od 120 m/s do 1120 m/s. Korištene su dvije baze podataka, RESORCE – 2018 i BSHAP, za određivanje koeficijenata empirijskih relacija. Izdvojeno je 258 zapisa od 135 potresa koji su se dogodili na području Albanije, Bosne i Hercegovine, Crne Gore, Hrvatske, Makedonije, Slovenije i Srbije. Na izdvojeni set podataka primijenjena je regresija. Prikazani su reziduali među događajima u ovisnosti o magnitudi te reziduali unutar događaja o udaljenosti od žarišta potresa i tipu tla. Nakon što su određeni koeficijenti, procijenjeni Fourierov amplitudni spektar i trajanje gibanje tla se kombiniraju unutar metode slučajnih vibracija kako bi se izračunao spektar odgovora. Dobiveni spektri odgovora uspoređeni su sa studijom Bore i sur. (2014) u kojoj je korištena gotovo identična metoda na drugaćijem setu ulaznih podataka. Rezultati se vrlo dobro poklapaju s manjim odstupanjima. Najveći razlozi odstupanja od istraživanja Bore i sur. (2014) su korištenje različitog seta ulaznih podataka te različito određivanje vremena trajanja gibanja tla. Također, javlja se problem procjene spektara odgovora na većim magnitudama i udaljenostima zbog toga što za takve scenarije postoji vrlo mali broj zapisa koji su korišteni u ovoj analizi.

Glavni cilj rada je bio omogućiti prilagodbu spektara odgovora između dva različita područja s različitim vrijednostima seizmoloških parametara. Prikazan je primjer prilagodbe za slučaj područja promjenjenih regionalnih seizmoloških i geoloških svojstava korištenjem FAS modela. Preciznije, promotreno je u kojoj mjeri promjena kappa parametra utječe na promjenu FAS-a, a u konačnici i na spektar odgovora. Očekuje se da procjene trajanja također variraju na regionalnoj skali, ali je nepoznato kako

seizmološki parametri kao što su Q -faktor i $kappa$ parametar utječu na trajanje gibanja tla. Navedeni problem trebalo bi detaljnije proučiti u budućim istraživanjima.

Literatura

- Abrahamson, N.A., Silva, W.J. (1997): Empirical response spectral attenuation relation for shallow crustal earthquakes. *Seismological Research Letters*, 68(1), 94–127. doi:10.1785/gssrl.68.1.94
- Abrahamson NA, Youngs RR (1992): A stable algorithm for regression analyses using the random effects model. *Bulletin of the Seismological Society of America*, 82(1), 505–510
- Akkar, S., Sandikkaya, M.A., Senyurt, M., Azari, S.A., Ay, B.Ö. (2014): Reference database for seismic ground-motion in Europe (RESORCE). *Bulletin of Earthquake Engineering*, 12(1), 311-339.
- Al Atik, L., Abrahamson, N., Bommer, J.J., Scherbaum, F., Cotton, F., Kuehn, N. (2010): The variability of groundmotion prediction models and its components. *Seismological Research Letters* 81, 794–801.
- Atkinson, G.M., Boore, D.M. (1995): Ground motion relations for Eastern North America. *Bulletin of the Seismological Society of America*, 85(1), 17–30
- Atkinson, G.M., Mereu, R.F. (1992): The shape of ground motion attenuation curves in Southeastern Canada. *Bulletin of Seismological Society of America*, 82(5), 2014–2031
- Bommer, J.J., Martinez-Pereira, A. (1999): The effective duration of earthquake strong motion duration. *Journal of Earthquake Engineering*, 3(2), 127–172
- Bommer, J.J., Stafford, P.J., Alarcon, J.E. (2009): Empirical equations for the prediction of the significant, bracketed, and uniform duration of earthquake ground motion. *Bulletin of Seismological Society of America*, 99(6), 3217–3333
- Boore, D.M. (2003): Simulation of ground motion using the stochastic method. *Pure and Applied Geophysics*, 160, 635–676
- Boore, D.M., Joyner, W.B. (1984): A note on the use of random vibration theory to predict peak amplitudes of transient signals. *Bulletin of Seismological Society of America*, 74(5), 2035–2039
- Bora, S.S., Scherbaum, F., Kuehn, N., Stafford, P. (2014): Fourier spectral- and duration models for the generation of response spectra adjustable to different source-, propagation-, and site conditions. *Bulletin of Earthquake Engineering*, 12, 467–493. doi:10.1007/s10518-013-9482-z
- Brune, J. (1970): Tectonic stress and the spectra of seismic shear waves from earthquakes. *Journal of Geophysical Research*, 75(26), 4997–5009

Campbell, W.K. (2003): Prediction of strong ground motion using the hybrid empirical method and its use in the development of ground-motion (attenuation) relations in Eastern North America. *Bulletin of Seismological Society of America*, 93(3),1012–1033

Campbell, W.K. (2004): Erratum to Prediction of strong ground motion using the hybrid empirical method and its use in the development of ground-motion (attenuation) relations in Eastern North America. *Bulletin of Seismological Society of America*, 94(6),2418

Cartwright, D.E., Longuet-Higgins, M.S. (1956): The statistical distribution of the maxima of a Random function. *Proceedings of the Royal A Mathematical, Physical and Engineering Sciences*, 237(1209),212–232

Gülerce, Z., Kargioğlu, B., Abrahamson, N.A. (2016): Turkey-adjusted NGA-W1 horizontal ground motion prediction models. *Earthquake Spectra*, 32(1),75–100. doi:10.1193/022714EQS034M

Hanks, T.C., McGuire, R.K. (1981): The character of high-frequency strong ground motion. *Bulletin of Seismological Society of America*, 71,2071–2095

Hermann, R.B. (1985): An extension of random vibration theory estimates of strong ground motion to large distances. *Bulletin of Seismological Society of America*, 75(5),1447–1453

Herrmann, R.B. (1985): An Extension of Random Vibration Theory Estimates of Strong Ground Motion to Large Distances, *Bulletin of the Seismological Society America*, 75, 1447–1453.

Jaimes, M.A., Reinoso, E., Ordaz, M. (2006): Comparison of methods to predict response spectra at intsrumented sites given the magnitude and distance of an earthquake. *Journal of Earthquake Engineering*, 10(6),887–902

Kempton, J.J., Stewart, J.P. (2006): Prediction equations for significant duration of earthquake ground motions consideringsiteandnear-sourceeffects. *Earthquake Spectra*, 22(4),985–1013

Kottke, A.R., Rathje, E.M. (2008): A semi-automated procedure for selecting and scaling recorded earthquake motions for dynamic analysis, *Earthquake Spectra*, 24, 911–932.

Liu, L., Pezeshk, S. (1999) An improvement on the estimation of Pseudoresponse spectral velocity using RVT method. *Bulletin of Seismological Society of America*, 89(5),1384–1389

McGuire, R. (1978) A simple model for estimating Fourier amplitude spectra of horizontal ground acceleration. *Bulletin of Seismological Society of America*, 68(3),803–822

Rathje, E.M., Ozbey, C.M. (2006) Site-specific validation of random vibration theory-based seismic site response analysis. *Journal of Geotechnical and Geoenvironmental Engineering*, 132(7),911-922

Reinoso, E., Ordaz, M., Sanchez-Sesma, F.J. (1990) A note on the fast computation of response spectra estimates. *Earthquake Engineering and Structural Dynamics*, 19, 971–976

Schneider, J.F., Silva, W.J., Chiou, S.J., Stepp, J.C. (1991) Estimation of Ground Motion at Close Distances Using the Band-limited-white-noise Model, Proc. Fourth International Microzonation Conf. II, 187–194.

Silva, W.J., Abrahamson, N., Toro, G., Constantin, C. (1997) Description and Validation of the Stochastic Ground Motion Model, Final Report, Brookhaven National Laboratory, Associated Universities, Inc. Upton, New York.

Silva, W.J., Lee, K. (1987), WES RASCAL code for Synthesizing Earthquake Ground Motions, State-of-the-Art for Assessing Earthquake Hazards in the United States, Report 24, U.S. Army Engineers Waterways Experiment Station, Misc. Paper S-73-1.

Sokolov, V., Chin-hsiung, L., Kuo-liang, W. (2000) Empirical model for estimating Fourier amplitude spectra of ground acceleration in Taiwan region. *Earthquake Engineering and Structural Dynamics*, 29, 339–357

Stafford, P.J. (2006) Engineering seismological studies and seismic design criteria for the Buller region, Ph.D Thesis. University of Canterbury, South Island, New Zealand

Trifunac, M.D. (1976) Preliminary empirical model for scaling Fourier amplitude spectra of strong ground acceleration in terms of earthquake magnitude, source-to-site distance, and recording site conditions. *Bulletin of Seismological Society of America*, 66(4), 1343–1373

Vanmarcke, E.H., Lai, S.-S.P., 1980. Strong-motion duration and RMS amplitude of earthquake records. *Bulletin of Seismological Society of America*, 70, 1293–1307.

Dodatak 1

U tablici D1 prikazani su svi izračunati rezidualni između događaja.

Tablica D1: Prikaz reziduala između događaja.

| N | frekvencija (Hz) | | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|--|
| | 0.1 | 0.11 | 0.12 | 0.132 | 0.145 | 0.158 | 0.174 | 0.191 | |
| 1 | 0,145928 | -0,17157 | -0,52839 | -0,79777 | -1,04556 | -0,95199 | -1,03083 | -1,86474 | |
| 2 | 0,642875 | 0,431049 | 0,290344 | 0,199532 | 0,163987 | 0,016912 | -0,25374 | -0,49394 | |
| 3 | 1,478762 | 1,468653 | 1,545101 | 1,436592 | 1,374258 | 1,221488 | 0,921634 | 0,684084 | |
| 4 | 0,166077 | -0,02082 | -0,15373 | -0,44388 | -0,7372 | -1,00047 | -1,36726 | -1,76331 | |
| 5 | -0,27439 | -0,54185 | -0,74927 | -0,99433 | -1,11318 | -1,15634 | -0,98755 | -0,96174 | |
| 6 | 2,933996 | 2,605905 | 2,28384 | 1,913655 | 1,597389 | 1,357067 | 1,014262 | 0,443673 | |
| 7 | -0,48311 | -0,69001 | -0,84666 | -1,15483 | -1,49883 | -1,77922 | -2,20961 | -2,85236 | |
| 8 | -0,29822 | -0,5251 | -0,67847 | -0,79103 | -0,84224 | -1,10083 | -1,40609 | -1,47343 | |
| 9 | 1,474098 | 1,275985 | 1,151319 | 0,900882 | 0,667884 | 0,566812 | 0,354598 | 0,069499 | |
| 10 | -1,69953 | -1,98594 | -2,25808 | -2,49315 | -2,74039 | -2,88568 | -3,0621 | -2,8828 | |
| 11 | 3,133247 | 3,203295 | 4,188296 | 4,461562 | 4,251445 | 4,652716 | 4,228856 | 4,498896 | |
| 12 | -3,63317 | -3,93717 | -4,19026 | -4,52438 | -4,86946 | -5,12961 | -5,48312 | -5,72196 | |
| 13 | -3,37578 | -3,38535 | -3,33269 | -3,31405 | -3,24338 | -3,0682 | -2,91505 | -2,84661 | |
| 14 | -3,37578 | -3,38535 | -3,33269 | -3,31405 | -3,24338 | -3,0682 | -2,91505 | -2,84661 | |
| 15 | 3,522602 | 3,772922 | 3,773507 | 4,57719 | 4,79105 | 5,09502 | 5,96996 | 5,2491 | |
| 16 | 3,522602 | 3,772922 | 3,773507 | 4,57719 | 4,79105 | 5,09502 | 5,96996 | 5,2491 | |
| 17 | -3,32323 | -3,41255 | -3,53862 | -3,1901 | -3,11611 | -5,83203 | -5,59649 | -5,72327 | |
| 18 | -3,32323 | -3,41255 | -3,53862 | -3,1901 | -3,11611 | -5,83203 | -5,59649 | -5,72327 | |
| 19 | -3,32323 | -3,41255 | -3,53862 | -3,1901 | -3,11611 | -5,83203 | -5,59649 | -5,72327 | |
| 20 | -3,32323 | -3,41255 | -3,53862 | -3,1901 | -3,11611 | -5,83203 | -5,59649 | -5,72327 | |
| 21 | -2,11387 | -1,62951 | -1,04031 | -1,9982 | -1,93396 | -1,86393 | -1,87118 | -1,94028 | |
| 22 | -2,11387 | -1,62951 | -1,04031 | -0,68973 | -0,56572 | -0,28215 | -0,17552 | 0,028674 | |
| 23 | -2,11387 | -1,62951 | -1,04031 | -0,68973 | -0,56572 | -0,28215 | -0,17552 | 0,028674 | |
| 24 | -2,11387 | -1,62951 | -1,04031 | -0,68973 | -0,56572 | -0,28215 | -0,17552 | 0,028674 | |
| 25 | -0,24846 | 0,419471 | 0,911402 | -0,68973 | -0,56572 | -0,28215 | -0,17552 | 0,028674 | |
| 26 | -1,7224 | -1,89523 | -2,06119 | 0,910524 | 1,078866 | 1,872612 | 2,626624 | 2,695061 | |
| 27 | -1,51571 | -1,52701 | -1,55091 | -2,23467 | -2,3568 | -2,40236 | -2,50513 | -2,56784 | |
| 28 | -3,87612 | -3,1254 | -3,35024 | -1,76867 | -2,00267 | -2,17811 | -2,43476 | -2,66421 | |
| 29 | -3,87612 | -3,1254 | -3,35024 | -3,50083 | -3,68063 | -3,76028 | -3,86903 | -4,08191 | |
| 30 | -3,87612 | -3,1254 | -3,35024 | -3,50083 | -3,68063 | -3,76028 | -3,86903 | -4,08191 | |
| 31 | -2,3829 | -2,39142 | -2,41566 | -3,50083 | -3,68063 | -3,76028 | -3,86903 | -4,08191 | |
| 32 | 1,674736 | 1,31814 | 1,703913 | -2,49227 | -2,6034 | -2,7631 | -2,98185 | -3,14067 | |
| 33 | 0,247716 | 0,202658 | 0,156194 | 2,11032 | 1,566896 | 1,502536 | 1,493629 | 0,94924 | |
| 34 | -2,5621 | -2,64037 | -2,74983 | 0,018036 | -0,04358 | -0,13489 | -0,24255 | -0,25248 | |
| 35 | -2,5621 | -2,64037 | -2,74983 | -2,88401 | -2,99783 | -2,2267 | -2,09427 | -2,42832 | |
| 36 | -1,8537 | -1,57967 | -1,67448 | -2,88401 | -2,99783 | -2,2267 | -2,09427 | -2,42832 | |
| 37 | -0,76711 | -0,46254 | -0,13647 | -2,00896 | -0,9161 | -0,33569 | -0,3323 | -0,99651 | |
| 38 | -0,76711 | -0,46254 | -0,13647 | -0,01208 | 0,295565 | 0,971574 | 0,793072 | 1,433188 | |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 39 | 0,021151 | 0,161196 | -0,2023 | -0,01208 | 0,295565 | 0,971574 | 0,793072 | 1,433188 |
| 40 | 1,221172 | 1,412863 | 1,782542 | -0,44065 | -0,09751 | -0,35586 | 0,650084 | 0,824079 |
| 41 | 1,221172 | 1,412863 | 1,782542 | 2,360158 | 2,708592 | 3,057644 | 3,412214 | 3,50205 |
| 42 | 1,221172 | 1,412863 | 1,782542 | 2,360158 | 2,708592 | 3,057644 | 3,412214 | 3,50205 |
| 43 | 0,066536 | 0,541363 | 0,286122 | 2,360158 | 2,708592 | 3,057644 | 3,412214 | 3,50205 |
| 44 | 1,244371 | 0,966316 | 0,560834 | 0,101988 | 0,585074 | 0,466387 | -0,30952 | 0,304026 |
| 45 | 2,324098 | 2,160442 | 2,055301 | 0,115501 | -0,0574 | 0,020971 | -0,33149 | -0,68281 |
| 46 | 0,865168 | 1,098588 | 0,09509 | 1,934416 | 1,979042 | 2,02243 | 1,765997 | 0,747932 |
| 47 | 2,421086 | 3,00343 | 2,732208 | -0,3681 | -0,64833 | -0,58765 | -1,34358 | -1,86989 |
| 48 | 0,280763 | 0,38769 | 0,299561 | 2,924486 | 2,130357 | 2,571014 | 2,228778 | 1,993588 |
| 49 | 0,280763 | 0,38769 | 0,299561 | 0,66632 | 0,196686 | 0,278925 | 0,378601 | 0,426334 |
| 50 | 0,670933 | 0,488058 | 0,385061 | 0,66632 | 0,196686 | 0,278925 | 0,378601 | 0,426334 |
| 51 | 0,670933 | 0,488058 | 0,385061 | 0,243248 | 0,232915 | 0,42094 | 0,38812 | 0,144698 |
| 52 | -1,70578 | -1,73791 | -1,93109 | 0,243248 | 0,232915 | 0,42094 | 0,38812 | 0,144698 |
| 53 | -1,93564 | -1,91357 | -2,14337 | -2,21204 | -1,98772 | -2,6245 | -3,36045 | -3,29398 |
| 54 | -1,55645 | -0,76214 | -1,39685 | -1,60431 | -1,59648 | -1,67951 | -1,16576 | -1,19749 |
| 55 | 0,135746 | -0,25815 | -0,57019 | -0,40374 | -1,17717 | -0,66267 | -1,00419 | -0,04725 |
| 56 | -3,24311 | -3,32971 | -4,0928 | -0,2763 | -1,20405 | -0,98887 | -1,7657 | -2,00148 |
| 57 | -0,80665 | -1,37095 | -2,09803 | -3,69138 | -4,13386 | -4,2584 | -3,22715 | -2,97146 |
| 58 | -2,06565 | -1,98718 | -2,37406 | -3,3295 | -2,33677 | -2,09515 | -2,40234 | -3,11549 |
| 59 | -0,45836 | -0,6803 | -0,69532 | -2,59905 | -3,08992 | -3,45091 | -3,44104 | -2,00951 |
| 60 | 1,176518 | 1,293495 | 1,485455 | -0,69052 | -1,02358 | -1,75787 | -1,52265 | -2,02678 |
| 61 | -2,7375 | -2,65597 | -2,46712 | 1,2901 | 1,098729 | 1,63379 | 1,867708 | 2,169027 |
| 62 | -2,8839 | -2,86107 | -3,00079 | -3,02024 | -3,74553 | -3,54349 | -3,64159 | -4,19143 |
| 63 | -2,8839 | -2,86107 | -3,00079 | -2,90041 | -2,92067 | -3,64438 | -3,23073 | -3,52244 |
| 64 | -1,70183 | -0,47968 | 0,129955 | -2,90041 | -2,92067 | -3,64438 | -3,23073 | -3,52244 |
| 65 | -0,93167 | -0,51195 | 0,148117 | 1,612481 | 2,584032 | 2,95379 | 2,828838 | 2,898249 |
| 66 | -0,71813 | -0,49162 | 0,052231 | 0,347434 | 0,713811 | 0,967834 | 1,252812 | 1,044961 |
| 67 | -0,71813 | -0,49162 | 0,052231 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 68 | -0,71813 | -0,49162 | 0,052231 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 69 | -0,71813 | -0,49162 | 0,052231 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 70 | -0,71813 | -0,49162 | 0,052231 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 71 | -0,71813 | -0,49162 | 0,052231 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 72 | -2,44835 | -2,58023 | -2,41734 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 73 | -2,44835 | -2,58023 | -2,41734 | -2,88496 | -2,97719 | -3,3159 | -3,66611 | -3,99045 |
| 74 | -2,44835 | -2,58023 | -2,41734 | -2,88496 | -2,97719 | -3,3159 | -3,66611 | -3,99045 |
| 75 | -2,44835 | -2,58023 | -2,41734 | -2,88496 | -2,97719 | -3,3159 | -3,66611 | -3,99045 |
| 76 | -0,34103 | -0,33727 | -0,50226 | -2,88496 | -2,97719 | -3,3159 | -3,66611 | -3,99045 |
| 77 | -0,34103 | -0,33727 | -0,50226 | -0,62437 | -0,84251 | -0,83475 | -1,08701 | -0,93158 |
| 78 | -0,34103 | -0,33727 | -0,50226 | -0,62437 | -0,84251 | -0,83475 | -1,08701 | -0,93158 |
| 79 | -0,34103 | -0,33727 | -0,50226 | -0,62437 | -0,84251 | -0,83475 | -1,08701 | -0,93158 |
| 80 | -1,77392 | -1,76003 | -1,64357 | -0,62437 | -0,84251 | -0,83475 | -1,08701 | -0,93158 |
| 81 | -1,77392 | -1,76003 | -1,64357 | -1,93105 | -1,59354 | -1,62314 | -1,62915 | -1,58583 |
| 82 | -1,77392 | -1,76003 | -1,64357 | -1,93105 | -1,59354 | -1,62314 | -1,62915 | -1,58583 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 83 | 0,874422 | 1,072828 | 1,358715 | -1,93105 | -1,59354 | -1,62314 | -1,62915 | -1,58583 |
| 84 | 3,813935 | 4,152722 | 4,359839 | 1,097263 | 0,736779 | 0,53474 | 0,182238 | -0,37987 |
| 85 | -0,04804 | 0,148436 | 0,472075 | 4,247832 | 3,667824 | 3,720044 | 4,139031 | 3,991795 |
| 86 | -0,04804 | 0,148436 | 0,472075 | 0,871083 | 1,276477 | 1,759132 | 2,100069 | 2,376143 |
| 87 | -0,04804 | 0,148436 | 0,472075 | 0,871083 | 1,276477 | 1,759132 | 2,100069 | 2,376143 |
| 88 | 0,849789 | 1,06764 | 1,01815 | 0,871083 | 1,276477 | 1,759132 | 2,100069 | 2,376143 |
| 89 | 0,849789 | 1,06764 | 1,01815 | 0,908481 | 0,804451 | 0,943834 | 0,931274 | 1,149944 |
| 90 | 0,849789 | 1,06764 | 1,01815 | 0,908481 | 0,804451 | 0,943834 | 0,931274 | 1,149944 |
| 91 | 0,849789 | 1,06764 | 1,01815 | 0,908481 | 0,804451 | 0,943834 | 0,931274 | 1,149944 |
| 92 | 1,344811 | 1,288691 | 1,303949 | 0,908481 | 0,804451 | 0,943834 | 0,931274 | 1,149944 |
| 93 | 1,344811 | 1,288691 | 1,303949 | 1,622049 | 1,986476 | 2,158047 | 2,308679 | 2,66104 |
| 94 | 1,344811 | 1,288691 | 1,303949 | 1,622049 | 1,986476 | 2,158047 | 2,308679 | 2,66104 |
| 95 | -0,94207 | -0,68156 | -0,37117 | 1,622049 | 1,986476 | 2,158047 | 2,308679 | 2,66104 |
| 96 | -0,94207 | -0,68156 | -0,37117 | -0,35141 | -0,29607 | 0,383938 | 0,654248 | 0,46074 |
| 97 | 2,817477 | 3,794965 | 3,515462 | -0,35141 | -0,29607 | 0,383938 | 0,654248 | 0,46074 |
| 98 | -1,93564 | -1,91357 | -2,14337 | 3,3392 | 3,87736 | 4,368489 | 4,720423 | 5,509918 |
| 99 | -1,93564 | -1,91357 | -2,14337 | -1,60431 | -1,59648 | -1,67951 | -1,16576 | -1,19749 |
| 100 | -1,93564 | -1,91357 | -2,14337 | -1,60431 | -1,59648 | -1,67951 | -1,16576 | -1,19749 |
| 101 | -1,93564 | -1,91357 | -2,14337 | -1,60431 | -1,59648 | -1,67951 | -1,16576 | -1,19749 |
| 102 | -1,93564 | -1,91357 | -2,14337 | -1,60431 | -1,59648 | -1,67951 | -1,16576 | -1,19749 |
| 103 | -2,63339 | -2,77845 | -3,1084 | -1,60431 | -1,59648 | -1,67951 | -1,16576 | -1,19749 |
| 104 | -2,63339 | -2,77845 | -3,1084 | -3,60248 | -3,69361 | -4,00638 | -3,67049 | -4,08091 |
| 105 | -2,63339 | -2,77845 | -3,1084 | -3,60248 | -3,69361 | -4,00638 | -3,67049 | -4,08091 |
| 106 | -0,90293 | -1,28754 | -1,23934 | -3,60248 | -3,69361 | -4,00638 | -3,67049 | -4,08091 |
| 107 | -0,90293 | -1,28754 | -1,23934 | -1,60449 | -1,68795 | -1,64587 | -1,86751 | -2,09603 |
| 108 | -0,90293 | -1,28754 | -1,23934 | -1,60449 | -1,68795 | -1,64587 | -1,86751 | -2,09603 |
| 109 | -0,90293 | -1,28754 | -1,23934 | -1,60449 | -1,68795 | -1,64587 | -1,86751 | -2,09603 |
| 110 | -0,90293 | -1,28754 | -1,23934 | -1,60449 | -1,68795 | -1,64587 | -1,86751 | -2,09603 |
| 111 | -0,64121 | -0,46556 | -0,97357 | -1,60449 | -1,68795 | -1,64587 | -1,86751 | -2,09603 |
| 112 | 3,082287 | 3,300848 | 3,171301 | 0,224261 | 0,656256 | 0,42002 | 0,917727 | 1,750954 |
| 113 | -2,10336 | -2,03276 | -1,97895 | 3,57953 | 2,531204 | 2,814358 | 1,69208 | 2,222802 |
| 114 | -0,78462 | -1,19984 | -0,26116 | -1,45599 | -1,47255 | -1,17801 | -0,9644 | -0,84713 |
| 115 | -1,70023 | -1,86058 | -2,33561 | -0,42349 | -0,26051 | -0,26574 | -0,39361 | -0,04259 |
| 116 | -1,36244 | -1,11243 | -0,91939 | -2,33061 | -2,68037 | -2,0567 | -1,93024 | -1,73706 |
| 117 | 1,139078 | 1,700974 | 1,860153 | -1,36158 | -0,50121 | -0,19966 | -0,42861 | 0,010181 |
| 118 | -1,41302 | -1,08906 | -0,52725 | 2,394981 | 2,285961 | 1,684826 | 2,170717 | 2,396701 |
| 119 | -0,20627 | 0,674236 | 0,780448 | -1,26539 | -0,29334 | -0,34832 | -0,75349 | -0,80891 |
| 120 | -1,11134 | -0,95436 | -1,16581 | 0,690123 | 1,36194 | 1,734185 | 0,818709 | 1,789968 |
| 121 | -1,64837 | -2,17389 | -1,00424 | -0,46646 | -0,23815 | 0,028513 | -0,52181 | 0,236686 |
| 122 | 0,13879 | -0,44297 | -0,86546 | -0,569 | -0,2789 | -1,25343 | -0,23714 | -0,51176 |
| 123 | -2,75303 | -3,79906 | -4,4096 | -0,37275 | -0,21982 | 0,190754 | -0,20121 | -0,07049 |
| 124 | -1,7134 | -2,59249 | -3,36647 | -4,65416 | -4,68009 | -3,90559 | -3,82155 | -4,56434 |
| 125 | -0,2367 | -0,7281 | 0,277026 | -3,59792 | -3,70494 | -4,10401 | -4,64878 | -5,24991 |
| 126 | -0,2367 | -0,7281 | 0,277026 | 0,904193 | 0,561861 | 1,437189 | 0,565782 | 1,486853 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 127 | -0,82857 | -0,65317 | -0,4091 | 0,904193 | 0,561861 | 1,437189 | 0,565782 | 1,486853 |
| 128 | -0,82857 | -0,65317 | -0,4091 | -0,67418 | -0,08539 | -0,09071 | 0,459975 | 0,236717 |
| 129 | 1,491657 | 2,459793 | 2,925389 | -0,67418 | -0,08539 | -0,09071 | 0,459975 | 0,236717 |
| 130 | -0,49213 | -0,72443 | 0,396703 | 3,241994 | 3,63913 | 3,845167 | 3,260964 | 3,321725 |
| 131 | 3,710497 | 4,017979 | 3,838272 | 1,534981 | 1,380172 | 1,075568 | 1,769734 | 1,963287 |
| 132 | -2,26201 | -2,6782 | -2,53026 | 3,504359 | 2,374767 | 2,110581 | 1,937838 | 1,682352 |
| 133 | 1,312316 | 1,282545 | 1,347057 | -1,90164 | -1,50608 | -1,04748 | -0,02382 | 0,729992 |
| 134 | -1,11141 | -1,06383 | -1,02814 | 1,252386 | 1,179881 | 0,987691 | 0,642314 | 0,306373 |
| 135 | -2,29892 | -2,31116 | -2,22615 | -1,04967 | -1,05802 | -1,13781 | -1,27668 | -1,34151 |
| 136 | -2,7748 | -2,50661 | -2,55498 | -2,5148 | -2,92681 | -3,5113 | -4,27329 | -3,80566 |
| 137 | -1,01818 | -1,01715 | -0,54104 | -2,49928 | -0,94932 | 0,086959 | 0,832316 | 1,059722 |
| 138 | -5,59492 | -5,93178 | -6,24826 | 0,295989 | 0,620843 | 0,488793 | 0,440267 | 0,974645 |
| 139 | 2,040279 | 1,964836 | 2,003642 | -6,68055 | -7,17956 | -7,43014 | -7,58614 | -7,9545 |
| 140 | 1,357659 | 1,239401 | 1,212248 | 1,819748 | 1,662198 | 1,434942 | 1,01368 | 0,633531 |
| 141 | -0,99327 | -1,18638 | -1,47871 | 1,027627 | 0,904599 | 0,730698 | 0,45739 | 0,211599 |
| 142 | 0,653383 | 0,559804 | 0,519588 | -1,84692 | -2,17664 | -2,52323 | -2,81726 | -3,1407 |
| 143 | 3,555174 | 3,482982 | 3,526302 | 0,39444 | 0,347342 | 0,278992 | 0,160634 | 0,094491 |
| 144 | 0,038089 | -0,05123 | -0,13426 | 3,356723 | 3,271126 | 3,065008 | 2,750576 | 2,518029 |
| 145 | 0,059432 | 0,416866 | 0,255611 | -0,29403 | -0,35377 | -0,44692 | -0,54707 | -0,5727 |
| 146 | 0,04975 | -0,08943 | -0,50799 | 0,251751 | -0,33713 | -0,81643 | -1,23293 | -2,07081 |
| 147 | 0,04975 | -0,08943 | -0,50799 | -1,0111 | -1,05627 | -0,98599 | -1,00936 | -1,21843 |
| 148 | 0,04975 | -0,08943 | -0,50799 | -1,0111 | -1,05627 | -0,98599 | -1,00936 | -1,21843 |
| 149 | -0,89422 | -1,58285 | -1,27439 | -1,0111 | -1,05627 | -0,98599 | -1,00936 | -1,21843 |
| 150 | -1,48058 | -0,59632 | -0,50726 | -2,56769 | -2,92164 | -2,34538 | -1,70559 | -1,88638 |
| 151 | -1,28693 | -2,00893 | -2,07619 | -1,29568 | -0,497 | -0,9513 | -0,55427 | 0,009335 |
| 152 | 0,182447 | -0,09743 | -0,52319 | -2,04344 | -2,37144 | -1,76569 | -1,40762 | -1,24356 |
| 153 | 0,182447 | -0,09743 | -0,52319 | -0,84327 | -1,19037 | -1,70171 | -1,88009 | -1,91336 |
| 154 | 0,182447 | -0,09743 | -0,52319 | -0,84327 | -1,19037 | -1,70171 | -1,88009 | -1,91336 |
| 155 | 0,182447 | -0,09743 | -0,52319 | -0,84327 | -1,19037 | -1,70171 | -1,88009 | -1,91336 |
| 156 | 0,182447 | -0,09743 | -0,52319 | -0,84327 | -1,19037 | -1,70171 | -1,88009 | -1,91336 |
| 157 | 0,915887 | 0,826614 | 1,001104 | -0,84327 | -1,19037 | -1,70171 | -1,88009 | -1,91336 |
| 158 | 0,915887 | 0,826614 | 1,001104 | 1,133403 | 1,036552 | 1,265877 | 1,274471 | 1,465931 |
| 159 | 0,915887 | 0,826614 | 1,001104 | 1,133403 | 1,036552 | 1,265877 | 1,274471 | 1,465931 |
| 160 | 1,07432 | 1,52114 | 2,323652 | 1,133403 | 1,036552 | 1,265877 | 1,274471 | 1,465931 |
| 161 | 1,07432 | 1,52114 | 2,323652 | 3,149619 | 3,6255 | 4,183865 | 4,365398 | 4,847971 |
| 162 | -0,2386 | -0,05055 | 0,163597 | 3,149619 | 3,6255 | 4,183865 | 4,365398 | 4,847971 |
| 163 | -2,23235 | -1,9956 | -2,21376 | -0,11388 | -0,55774 | -0,14028 | 0,542011 | 0,929863 |
| 164 | -2,23235 | -1,9956 | -2,21376 | -1,98616 | -1,10677 | -0,88011 | -0,9015 | -0,30771 |
| 165 | -0,93167 | -0,51195 | 0,148117 | -1,98616 | -1,10677 | -0,88011 | -0,9015 | -0,30771 |
| 166 | -0,93167 | -0,51195 | 0,148117 | 0,347434 | 0,713811 | 0,967834 | 1,252812 | 1,044961 |
| 167 | 1,11747 | 0,958136 | 0,725911 | 0,347434 | 0,713811 | 0,967834 | 1,252812 | 1,044961 |
| 168 | 1,11747 | 0,958136 | 0,725911 | 0,451482 | 0,408095 | -0,23499 | -0,00422 | -0,25687 |
| 169 | 1,11747 | 0,958136 | 0,725911 | 0,451482 | 0,408095 | -0,23499 | -0,00422 | -0,25687 |
| 170 | 1,302963 | 1,262488 | 1,339636 | 0,451482 | 0,408095 | -0,23499 | -0,00422 | -0,25687 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 171 | -0,71813 | -0,49162 | 0,052231 | 1,232519 | 1,176838 | 1,06902 | 0,850215 | 0,848979 |
| 172 | -1,89162 | -2,10283 | -2,27698 | 0,306029 | 0,589688 | 0,612766 | 0,476082 | 0,403796 |
| 173 | 0,393091 | 0,932683 | 1,207576 | -2,80174 | -3,38798 | -3,72562 | -3,74156 | -3,39184 |
| 174 | -1,30201 | -1,02254 | -0,82967 | 2,855177 | 3,351377 | 3,401544 | 3,911401 | 4,513393 |
| 175 | -1,16714 | -1,30049 | -1,48618 | -0,18314 | 1,50092 | 1,738546 | 1,971648 | 2,498036 |
| 176 | -0,72301 | -0,70078 | -0,46214 | -0,86893 | -0,68679 | -0,34951 | 0,395666 | 0,947471 |
| 177 | -2,74392 | -3,01098 | -3,00672 | -0,78831 | -0,65359 | -1,45858 | -0,34271 | -0,26866 |
| 178 | -1,0749 | -1,04969 | -0,73704 | -3,06712 | -3,11029 | -3,24448 | -2,98737 | -2,54727 |
| 179 | -1,0749 | -1,04969 | -0,73704 | -0,94536 | -0,83411 | -0,88136 | -0,8015 | -0,62389 |
| 180 | -0,92179 | -0,82131 | -0,67892 | -0,94536 | -0,83411 | -0,88136 | -0,8015 | -0,62389 |
| 181 | -0,34538 | -0,56192 | -1,01779 | 0,028445 | -0,05448 | -0,5306 | 0,149478 | 0,403116 |
| 182 | -2,77008 | -2,77299 | -2,8473 | -1,19326 | -1,07855 | -0,92243 | -1,54422 | -2,05145 |
| 183 | -2,38979 | -2,55214 | -2,74651 | -3,02147 | -3,4481 | -5,10461 | -4,23693 | -3,93739 |
| 184 | -2,38979 | -2,55214 | -2,74651 | -2,58979 | -2,70225 | -3,02815 | -2,60891 | -1,97138 |
| 185 | 5,770488 | 5,562051 | 5,392052 | -2,58979 | -2,70225 | -3,02815 | -2,60891 | -1,97138 |
| 186 | 5,770488 | 5,562051 | 5,392052 | 5,567528 | 5,562663 | 5,62035 | 5,573849 | 5,355668 |
| 187 | 4,430444 | 4,129338 | 3,844079 | 5,567528 | 5,562663 | 5,62035 | 5,573849 | 5,355668 |
| 188 | 0,70844 | 1,335003 | 1,515631 | 4,01602 | 3,99434 | 3,832786 | 3,617155 | 3,209288 |
| 189 | 0,70844 | 1,335003 | 1,515631 | 1,630265 | 1,642414 | 1,642882 | 1,733464 | 1,787363 |
| 190 | 0,70844 | 1,335003 | 1,515631 | 1,630265 | 1,642414 | 1,642882 | 1,733464 | 1,787363 |
| 191 | 2,203879 | 2,806723 | 3,000252 | 1,630265 | 1,642414 | 1,642882 | 1,733464 | 1,787363 |
| 192 | 2,203879 | 2,806723 | 3,000252 | 3,090457 | 3,105366 | 2,841979 | 2,475393 | 2,415608 |
| 193 | 2,203879 | 2,806723 | 3,000252 | 3,090457 | 3,105366 | 2,841979 | 2,475393 | 2,415608 |
| 194 | 2,595506 | 2,458902 | 2,266746 | 3,090457 | 3,105366 | 2,841979 | 2,475393 | 2,415608 |
| 195 | 2,595506 | 2,458902 | 2,266746 | 2,090815 | 2,063916 | 2,083092 | 2,143825 | 2,011733 |
| 196 | 1,940254 | 1,968947 | 1,93714 | 2,090815 | 2,063916 | 2,083092 | 2,143825 | 2,011733 |
| 197 | 1,940254 | 1,968947 | 1,93714 | 1,867977 | 1,744119 | 1,688439 | 1,557876 | 1,365415 |
| 198 | 1,940254 | 1,968947 | 1,93714 | 1,867977 | 1,744119 | 1,688439 | 1,557876 | 1,365415 |
| 199 | -1,09372 | -1,16498 | -1,17176 | 1,867977 | 1,744119 | 1,688439 | 1,557876 | 1,365415 |
| 200 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 201 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 202 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 203 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 204 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 205 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 206 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 207 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 208 | 2,914418 | 2,700658 | 2,465003 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 209 | 2,914418 | 2,700658 | 2,465003 | 2,100447 | 1,66408 | 1,656976 | 1,583542 | 1,46428 |
| 210 | 2,914418 | 2,700658 | 2,465003 | 2,100447 | 1,66408 | 1,656976 | 1,583542 | 1,46428 |
| 211 | 0,864951 | 0,702045 | 0,530183 | 2,100447 | 1,66408 | 1,656976 | 1,583542 | 1,46428 |
| 212 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 213 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 214 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 215 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 216 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 217 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 218 | 0,864951 | 0,702045 | 0,530183 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 219 | -1,09372 | -1,16498 | -1,17176 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 220 | 0,606284 | 0,815821 | 0,809995 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 221 | 0,606284 | 0,815821 | 0,809995 | 0,906615 | 0,853704 | 0,95769 | 0,912133 | 0,845353 |
| 222 | 3,253621 | 3,364356 | 3,724025 | 0,906615 | 0,853704 | 0,95769 | 0,912133 | 0,845353 |
| 223 | 8,332074 | 8,170838 | 8,060059 | 3,651842 | 3,739028 | 3,724145 | 3,785512 | 3,703427 |
| 224 | 6,149971 | 5,675969 | 5,182981 | 7,808577 | 7,55981 | 7,209586 | 6,710504 | 6,145245 |
| 225 | 6,149971 | 5,675969 | 5,182981 | 4,774232 | 4,356766 | 4,032018 | 3,653115 | 3,893233 |
| 226 | 5,770488 | 5,562051 | 5,392052 | 4,774232 | 4,356766 | 4,032018 | 3,653115 | 3,893233 |
| 227 | 4,430444 | 4,129338 | 3,844079 | 5,567528 | 5,562663 | 5,62035 | 5,573849 | 5,355668 |
| 228 | 3,253621 | 3,364356 | 3,724025 | 4,01602 | 3,99434 | 3,832786 | 3,617155 | 3,209288 |
| 229 | 4,576916 | 4,604668 | 4,552908 | 3,651842 | 3,739028 | 3,724145 | 3,785512 | 3,703427 |
| 230 | 4,576916 | 4,604668 | 4,552908 | 4,534487 | 4,391587 | 4,156972 | 3,886402 | 3,956625 |
| 231 | 4,576916 | 4,604668 | 4,552908 | 4,534487 | 4,391587 | 4,156972 | 3,886402 | 3,956625 |
| 232 | 4,576916 | 4,604668 | 4,552908 | 4,534487 | 4,391587 | 4,156972 | 3,886402 | 3,956625 |
| 233 | 3,556166 | 3,116022 | 2,55712 | 4,534487 | 4,391587 | 4,156972 | 3,886402 | 3,956625 |
| 234 | 3,556166 | 3,116022 | 2,55712 | 2,383435 | 2,238542 | 1,847465 | 1,50125 | 1,290835 |
| 235 | -1,09372 | -1,16498 | -1,17176 | 2,383435 | 2,238542 | 1,847465 | 1,50125 | 1,290835 |
| 236 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 237 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 238 | 2,914418 | 2,700658 | 2,465003 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 239 | 2,914418 | 2,700658 | 2,465003 | 2,100447 | 1,66408 | 1,656976 | 1,583542 | 1,46428 |
| 240 | -1,09372 | -1,16498 | -1,17176 | 2,100447 | 1,66408 | 1,656976 | 1,583542 | 1,46428 |
| 241 | -1,09372 | -1,16498 | -1,17176 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 242 | 0,864951 | 0,702045 | 0,530183 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 243 | -1,09372 | -1,16498 | -1,17176 | 0,600597 | 0,619254 | 0,61123 | 0,608677 | 0,650384 |
| 244 | 2,595506 | 2,458902 | 2,266746 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |
| 245 | 2,595506 | 2,458902 | 2,266746 | 2,090815 | 2,063916 | 2,083092 | 2,143825 | 2,011733 |
| 246 | -0,42453 | -0,45212 | -0,63225 | 2,090815 | 2,063916 | 2,083092 | 2,143825 | 2,011733 |
| 247 | -0,42453 | -0,45212 | -0,63225 | -0,8455 | -1,02965 | -1,32587 | -1,57753 | -1,61615 |
| 248 | -0,42453 | -0,45212 | -0,63225 | -0,8455 | -1,02965 | -1,32587 | -1,57753 | -1,61615 |
| 249 | 1,14925 | 1,374436 | 1,063811 | -0,8455 | -1,02965 | -1,32587 | -1,57753 | -1,61615 |
| 250 | 3,253621 | 3,364356 | 3,724025 | 0,835382 | 0,539468 | 0,269162 | 0,831146 | 0,805617 |
| 251 | 3,253621 | 3,364356 | 3,724025 | 3,651842 | 3,739028 | 3,724145 | 3,785512 | 3,703427 |
| 252 | 3,253621 | 3,364356 | 3,724025 | 3,651842 | 3,739028 | 3,724145 | 3,785512 | 3,703427 |
| 253 | -1,09372 | -1,16498 | -1,17176 | 3,651842 | 3,739028 | 3,724145 | 3,785512 | 3,703427 |
| 254 | 0,54896 | 1,25688 | 0,64583 | -1,24018 | -1,17689 | -1,19844 | -1,14255 | -1,1127 |

Tablica D1 (*nastavak*):

| | frekvencija (Hz) | | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|--|
| N | 0.209 | 0.229 | 0.251 | 0.275 | 0.302 | 0.331 | 0.363 | 0.398 | |
| 1 | -1,87828 | -1,81443 | -2,32167 | -2,96644 | -2,57189 | -3,36029 | -3,22916 | -3,76653 | |
| 2 | -0,79083 | -1,28826 | -1,7843 | -1,88693 | -2,35196 | -2,80177 | -3,3008 | -2,89807 | |
| 3 | 0,768282 | 0,894886 | 0,709177 | 1,168774 | 2,213265 | 2,391125 | 1,517301 | 2,839477 | |
| 4 | -2,08767 | -2,50377 | -2,929 | -3,36176 | -3,81154 | -4,25979 | -4,58271 | -4,82512 | |
| 5 | -1,26062 | -1,0293 | -0,67897 | -0,54355 | -0,28289 | -0,48234 | 0,108634 | 0,702395 | |
| 6 | -0,09714 | -0,60335 | -0,90275 | -1,39856 | -2,10912 | -2,32439 | -2,51302 | -2,9329 | |
| 7 | -3,22914 | -3,75868 | -4,43753 | -4,50963 | -4,30087 | -4,23799 | -4,33403 | -4,24801 | |
| 8 | -1,84437 | -2,53332 | -3,11145 | -3,14054 | -3,48371 | -3,86514 | -3,80935 | -4,03658 | |
| 9 | -0,06358 | -0,36633 | -0,79278 | -1,11298 | -1,57729 | -1,95282 | -2,10336 | -2,12607 | |
| 10 | -2,9004 | -2,99329 | -2,19749 | -1,44323 | -1,05893 | -0,36272 | -0,92103 | 0,535212 | |
| 11 | 4,312003 | 4,863246 | 4,113058 | 4,932631 | 4,467672 | 4,389925 | 4,16099 | 4,713173 | |
| 12 | -3,76179 | -3,92197 | -3,28233 | -3,97826 | -3,73502 | -3,53637 | -3,33846 | -3,92815 | |
| 13 | -2,91664 | -2,88653 | -1,67804 | -1,3045 | -1,849 | -0,97489 | -0,59388 | -0,15147 | |
| 14 | -2,91664 | -2,88653 | -1,67804 | -1,3045 | -1,849 | -0,97489 | -0,59388 | -0,15147 | |
| 15 | 5,13995 | 5,88685 | 5,73765 | 5,41195 | 4,90234 | 4,244407 | 4,706143 | 4,500296 | |
| 16 | 5,13995 | 5,88685 | 5,73765 | 5,41195 | 4,90234 | 5,244407 | 4,706143 | 4,500296 | |
| 17 | -5,88389 | -5,23301 | -4,87813 | -4,81063 | -4,78372 | -4,08671 | -3,99736 | -4,03663 | |
| 18 | -5,88389 | -5,23301 | -4,87813 | -4,81063 | -4,78372 | -4,08671 | -3,99736 | -4,03663 | |
| 19 | -5,88389 | -5,23301 | -4,87813 | -4,81063 | -4,78372 | -4,08671 | -3,99736 | -4,03663 | |
| 20 | -5,88389 | -5,23301 | -4,87813 | -4,81063 | -4,78372 | -4,08671 | -3,99736 | -4,03663 | |
| 21 | -2,18567 | -2,53446 | -3,05847 | -3,37665 | -3,68085 | -4,28049 | -4,76861 | -5,13297 | |
| 22 | -0,0638 | 0,036162 | -0,16062 | -0,33036 | -0,64873 | -0,24 | 0,079623 | 0,001091 | |
| 23 | -0,0638 | 0,036162 | -0,16062 | -0,33036 | -0,64873 | -0,24 | 0,079623 | 0,001091 | |
| 24 | -0,0638 | 0,036162 | -0,16062 | -0,33036 | -0,64873 | -0,24 | 0,079623 | 0,001091 | |
| 25 | -0,0638 | 0,036162 | -0,16062 | -0,33036 | -0,64873 | -0,24 | 0,079623 | 0,001091 | |
| 26 | 3,297996 | 4,30087 | 4,130085 | 4,436302 | 5,064434 | 4,714235 | 5,096105 | 5,525432 | |
| 27 | -2,63113 | -2,79689 | -3,16349 | -3,38921 | -3,49165 | -3,80556 | -4,08189 | -4,4826 | |
| 28 | -2,91 | -3,2526 | -3,64424 | -3,59073 | -3,56127 | -4,20832 | -4,81721 | -4,78151 | |
| 29 | -7,20259 | -7,20035 | -7,02362 | -6,9064 | -6,53239 | -6,2517 | -5,96539 | -5,98071 | |
| 30 | -7,20259 | -7,20035 | -7,02362 | -6,9064 | -6,53239 | -6,2517 | -5,96539 | -5,98071 | |
| 31 | -7,20259 | -7,20035 | -7,02362 | -6,9064 | -6,53239 | -6,2517 | -5,96539 | -5,98071 | |
| 32 | -3,29898 | -3,54964 | -4,02299 | -4,33918 | -4,20984 | -4,2108 | -4,2926 | -4,72061 | |
| 33 | 1,111205 | 0,595326 | 0,919234 | 0,972635 | 0,705989 | 0,24122 | 1,794397 | 1,461153 | |
| 34 | -0,38063 | -0,61765 | -1,0943 | -1,34937 | -1,48049 | -1,79063 | -1,71683 | -1,85908 | |
| 35 | -1,51264 | -1,44673 | -1,14639 | -0,88518 | -1,14396 | -0,71562 | -0,92854 | -0,64959 | |
| 36 | -1,51264 | -1,44673 | -1,14639 | -0,88518 | -1,14396 | -0,71562 | -0,92854 | -0,64959 | |
| 37 | -0,58916 | -0,3543 | -0,75628 | -1,504 | -1,07412 | -1,22704 | -1,90846 | -2,29865 | |
| 38 | 1,498621 | 1,342746 | 1,629496 | 1,196617 | 1,415492 | 0,613144 | 1,051936 | 1,130636 | |
| 39 | 1,498621 | 1,342746 | 1,629496 | 1,196617 | 1,415492 | 0,613144 | 1,051936 | 1,130636 | |
| 40 | 0,608262 | 1,072908 | 1,368298 | 1,648662 | 1,481524 | 1,827261 | 1,783181 | 2,852539 | |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 3,276737 | 3,209792 | 3,096839 | 3,138104 | 2,826457 | 2,365744 | 2,322413 | 3,035748 |
| 42 | 3,276737 | 3,209792 | 3,096839 | 3,138104 | 2,826457 | 2,365744 | 2,322413 | 3,035748 |
| 43 | 3,276737 | 3,209792 | 3,096839 | 3,138104 | 2,826457 | 2,365744 | 2,322413 | 3,035748 |
| 44 | 0,105557 | 0,325757 | 0,651713 | 0,275896 | 1,177202 | 1,204563 | 0,842884 | 0,405001 |
| 45 | -0,451 | -0,41583 | -0,29068 | -0,23745 | 0,114111 | -0,64057 | -1,02039 | 0,557585 |
| 46 | 0,589991 | 0,454729 | 0,075753 | -0,35725 | -0,33363 | -0,09177 | -0,2381 | -0,39763 |
| 47 | -2,75092 | -2,71676 | -3,00267 | -2,52656 | -2,4265 | -3,35637 | -2,40545 | -1,51907 |
| 48 | 1,215749 | 1,819603 | 1,387473 | 2,079971 | 1,23295 | 1,816096 | 1,916466 | 1,724062 |
| 49 | 0,241993 | 0,002775 | -0,34265 | -0,11176 | -0,52009 | -0,27919 | -0,29019 | 0,106022 |
| 50 | 0,241993 | 0,002775 | -0,34265 | -0,11176 | -0,52009 | -0,27919 | -0,29019 | 0,106022 |
| 51 | -0,44556 | -0,96927 | -1,47213 | -2,25129 | -2,7645 | -2,99709 | -3,6434 | -3,76007 |
| 52 | -0,44556 | -0,96927 | -1,47213 | -2,25129 | -2,7645 | -2,99709 | -3,6434 | -3,76007 |
| 53 | -3,64529 | -4,11976 | -4,2282 | -4,92721 | -5,64032 | -6,10207 | -6,04737 | -6,41905 |
| 54 | -0,39939 | -0,34279 | -0,21449 | 0,077055 | -0,15003 | 0,304237 | 0,221894 | 0,077235 |
| 55 | -0,07417 | 0,074566 | 0,289238 | 0,679488 | 1,047272 | 0,865611 | 0,614481 | 1,243903 |
| 56 | -2,23956 | -1,93175 | -0,82905 | -1,19607 | -1,26488 | -0,82672 | -1,03596 | -0,4373 |
| 57 | -2,25867 | -1,90437 | -0,88554 | -0,37487 | 0,361552 | 1,062074 | 0,839667 | 0,619406 |
| 58 | -3,67334 | -3,53378 | -3,12655 | -2,83467 | -2,7483 | -2,03243 | -2,56117 | -2,46472 |
| 59 | -1,76703 | -1,82703 | -1,63538 | -0,77836 | -1,26013 | -1,21691 | 0,050124 | -1,06916 |
| 60 | -3,22455 | -2,70894 | -3,11719 | -3,81321 | -3,06613 | -3,1046 | -2,67397 | -2,17344 |
| 61 | 1,888955 | 2,172107 | 2,092398 | 1,427366 | 1,667546 | 1,820801 | 0,540956 | 0,873912 |
| 62 | -4,9464 | -5,6131 | -5,15389 | -4,70905 | -4,7595 | -4,28442 | -4,79296 | -4,79023 |
| 63 | -3,63116 | -3,59008 | -3,6556 | -4,13949 | -3,92076 | -3,8305 | -3,89485 | -4,01275 |
| 64 | -3,63116 | -3,59008 | -3,6556 | -4,13949 | -3,92076 | -3,8305 | -3,89485 | -4,01275 |
| 65 | 3,490118 | 3,390659 | 3,164451 | 3,796407 | 3,082785 | 3,409978 | 3,083001 | 3,008263 |
| 66 | 1,239485 | 1,684393 | 1,706759 | 1,740249 | 1,285158 | 1,806565 | 1,225368 | 1,011977 |
| 67 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 68 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 69 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 70 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 71 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 72 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 73 | -3,91251 | -4,32893 | -3,90738 | -3,79634 | -3,82569 | -3,84361 | -3,8603 | -3,66269 |
| 74 | -3,91251 | -4,32893 | -3,90738 | -3,79634 | -3,82569 | -3,84361 | -3,8603 | -3,66269 |
| 75 | -3,91251 | -4,32893 | -3,90738 | -3,79634 | -3,82569 | -3,84361 | -3,8603 | -3,66269 |
| 76 | -3,91251 | -4,32893 | -3,90738 | -3,79634 | -3,82569 | -3,84361 | -3,8603 | -3,66269 |
| 77 | -0,95384 | -0,7682 | -0,6764 | -0,93097 | -1,13161 | -0,90391 | -0,75574 | -0,66275 |
| 78 | -0,95384 | -0,7682 | -0,6764 | -0,93097 | -1,13161 | -0,90391 | -0,75574 | -0,66275 |
| 79 | -0,95384 | -0,7682 | -0,6764 | -0,93097 | -1,13161 | -0,90391 | -0,75574 | -0,66275 |
| 80 | -0,95384 | -0,7682 | -0,6764 | -0,93097 | -1,13161 | -0,90391 | -0,75574 | -0,66275 |
| 81 | -1,67682 | -1,62509 | -1,60732 | -2,22301 | -1,78005 | -1,55485 | -1,11739 | -1,22966 |
| 82 | -1,67682 | -1,62509 | -1,60732 | -2,22301 | -1,78005 | -1,55485 | -1,11739 | -1,22966 |
| 83 | -1,67682 | -1,62509 | -1,60732 | -2,22301 | -1,78005 | -1,55485 | -1,11739 | -1,22966 |
| 84 | -0,76323 | -1,17778 | -1,66868 | -2,23511 | -2,37872 | -2,22539 | -2,32092 | -2,71169 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 3,897096 | 3,823152 | 3,872741 | 3,829367 | 3,402844 | 3,421453 | 3,055091 | 2,716285 |
| 86 | 2,85249 | 3,017516 | 4,032014 | 4,11026 | 3,479437 | 3,981075 | 3,48553 | 3,951893 |
| 87 | 2,85249 | 3,017516 | 4,032014 | 4,11026 | 3,479437 | 3,981075 | 3,48553 | 3,951893 |
| 88 | 2,85249 | 3,017516 | 4,032014 | 4,11026 | 3,479437 | 3,981075 | 3,48553 | 3,951893 |
| 89 | 1,328341 | 1,494069 | 1,634176 | 1,830541 | 1,963537 | 1,915146 | 1,800434 | 1,787272 |
| 90 | 1,328341 | 1,494069 | 1,634176 | 1,830541 | 1,963537 | 1,915146 | 1,800434 | 1,787272 |
| 91 | 1,328341 | 1,494069 | 1,634176 | 1,830541 | 1,963537 | 1,915146 | 1,800434 | 1,787272 |
| 92 | 1,328341 | 1,494069 | 1,634176 | 1,830541 | 1,963537 | 1,915146 | 1,800434 | 1,787272 |
| 93 | 2,789099 | 3,245992 | 3,290213 | 3,322282 | 3,047201 | 3,206662 | 3,660288 | 3,505 |
| 94 | 2,789099 | 3,245992 | 3,290213 | 3,322282 | 3,047201 | 3,206662 | 3,660288 | 3,505 |
| 95 | 2,789099 | 3,245992 | 3,290213 | 3,322282 | 3,047201 | 3,206662 | 3,660288 | 3,505 |
| 96 | 1,080763 | 0,96872 | 0,985497 | 1,155473 | 1,528561 | 1,687481 | 1,852156 | 1,804962 |
| 97 | 1,080763 | 0,96872 | 0,985497 | 1,155473 | 1,528561 | 1,687481 | 1,852156 | 1,804962 |
| 98 | 5,177434 | 4,955538 | 3,895948 | 4,609788 | 3,58387 | 3,393134 | 2,5576 | 2,57123 |
| 99 | -0,39939 | -0,34279 | -0,21449 | 0,077055 | -0,15003 | 0,304237 | 0,221894 | 0,077235 |
| 100 | -0,39939 | -0,34279 | -0,21449 | 0,077055 | -0,15003 | 0,304237 | 0,221894 | 0,077235 |
| 101 | -0,39939 | -0,34279 | -0,21449 | 0,077055 | -0,15003 | 0,304237 | 0,221894 | 0,077235 |
| 102 | -0,39939 | -0,34279 | -0,21449 | 0,077055 | -0,15003 | 0,304237 | 0,221894 | 0,077235 |
| 103 | -0,39939 | -0,34279 | -0,21449 | 0,077055 | -0,15003 | 0,304237 | 0,221894 | 0,077235 |
| 104 | -3,56074 | -3,58335 | -3,81018 | -3,21075 | -3,12642 | -2,7417 | -2,90288 | -3,30855 |
| 105 | -3,56074 | -3,58335 | -3,81018 | -3,21075 | -3,12642 | -2,7417 | -2,90288 | -3,30855 |
| 106 | -3,56074 | -3,58335 | -3,81018 | -3,21075 | -3,12642 | -2,7417 | -2,90288 | -3,30855 |
| 107 | -1,62031 | -1,36009 | -1,02148 | -1,36534 | -1,03298 | -0,60441 | -0,74545 | -0,60765 |
| 108 | -1,62031 | -1,36009 | -1,02148 | -1,36534 | -1,03298 | -0,60441 | -0,74545 | -0,60765 |
| 109 | -1,62031 | -1,36009 | -1,02148 | -1,36534 | -1,03298 | -0,60441 | -0,74545 | -0,60765 |
| 110 | -1,62031 | -1,36009 | -1,02148 | -1,36534 | -1,03298 | -0,60441 | -0,74545 | -0,60765 |
| 111 | -1,62031 | -1,36009 | -1,02148 | -1,36534 | -1,03298 | -0,60441 | -0,74545 | -0,60765 |
| 112 | 1,771747 | 1,456515 | 2,199669 | 1,320324 | 2,042465 | 2,914674 | 2,317772 | 2,377533 |
| 113 | 1,206383 | 1,485694 | -0,11797 | 0,027834 | 0,832072 | 0,225585 | 0,502188 | 0,615305 |
| 114 | -0,7255 | -0,16771 | -1,03761 | -0,72267 | -0,45761 | 0,156634 | -0,07217 | -0,09807 |
| 115 | 0,537786 | -0,00073 | 0,095017 | 0,429221 | 0,288061 | -1,0166 | 0,28119 | -0,22512 |
| 116 | -2,72349 | -1,50275 | -1,87665 | -0,93679 | -0,59354 | -1,21715 | -1,07282 | -1,21487 |
| 117 | 0,128978 | 0,869732 | -0,60927 | 0,43446 | 0,071882 | 0,241356 | 0,416604 | 0,687811 |
| 118 | 0,755981 | 1,938321 | 1,111938 | 0,49024 | 0,45661 | 0,469551 | 0,449702 | 0,252774 |
| 119 | 1,273394 | 0,851079 | -0,3913 | 0,443261 | 0,289609 | -0,03659 | 0,379633 | -0,27488 |
| 120 | 1,511405 | 1,977382 | 1,979204 | 1,205561 | 1,913775 | 1,699593 | 0,868978 | 1,481838 |
| 121 | 0,070441 | 0,200508 | 0,430936 | -0,48514 | 0,854001 | 0,016905 | 0,370646 | 0,431243 |
| 122 | -1,41695 | -0,49454 | -0,53579 | 0,335597 | 0,284564 | 0,39604 | -0,12629 | -0,38816 |
| 123 | 0,893931 | 0,62791 | 0,686318 | 1,24721 | 0,865084 | 0,615951 | 1,241702 | 0,841084 |
| 124 | -4,80628 | -4,20665 | -4,62071 | -3,15064 | -3,10007 | -3,87307 | -2,8284 | -2,48152 |
| 125 | -5,62905 | -4,70971 | -5,11344 | -4,45573 | -4,47958 | -3,76344 | -4,01272 | -3,39487 |
| 126 | 1,84628 | 1,936865 | 1,995332 | 1,261918 | 1,849552 | 1,584094 | 1,397575 | 1,450435 |
| 127 | 1,84628 | 1,936865 | 1,995332 | 1,261918 | 1,849552 | 1,584094 | 1,397575 | 1,450435 |
| 128 | 0,6347 | 0,978035 | 0,880834 | 0,84309 | 0,529292 | 1,314104 | 0,940186 | 0,86944 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | 0,6347 | 0,978035 | 0,880834 | 0,84309 | 0,529292 | 1,314104 | 0,940186 | 0,86944 |
| 130 | 4,114002 | 3,732578 | 3,240909 | 2,554903 | 1,906968 | 2,334508 | 1,938297 | 1,862725 |
| 131 | 2,003373 | 1,424237 | 2,355081 | 2,011894 | 2,559432 | 1,793931 | 0,852299 | 0,718852 |
| 132 | 1,371376 | 1,019239 | 1,099614 | 0,12693 | 0,373558 | -0,14622 | 0,294408 | 0,035841 |
| 133 | 1,138671 | 1,383484 | 1,025252 | 2,248171 | 2,147217 | 2,30822 | 2,428314 | 2,716749 |
| 134 | -0,22401 | -1,03963 | -1,77929 | -1,75227 | -1,84499 | -1,98375 | -2,01453 | -1,97768 |
| 135 | -1,69575 | -2,33862 | -2,86262 | -2,58487 | -2,49003 | -2,79164 | -2,81076 | -2,68724 |
| 136 | -3,9055 | -4,45997 | -4,64738 | -4,11626 | -3,27846 | -2,88254 | -3,06416 | -1,54823 |
| 137 | 1,133033 | 1,775591 | 1,862796 | 1,957918 | 1,596929 | 2,098863 | 2,317236 | 2,338764 |
| 138 | 2,036472 | 1,40839 | 2,717721 | 2,634778 | 3,669175 | 3,556967 | 3,713633 | 2,140347 |
| 139 | -8,32935 | -8,45623 | -8,46678 | -8,85161 | -8,98621 | -9,6123 | -9,40759 | -9,5953 |
| 140 | -5,56963 | -5,91647 | -6,31309 | -6,66397 | -6,97419 | -7,34591 | -7,59795 | -7,77497 |
| 141 | 0,422391 | 0,19081 | -0,14975 | -0,46023 | -0,76603 | -0,84003 | -0,97564 | -1,07894 |
| 142 | -0,09672 | -0,43836 | -0,8425 | -1,19295 | -1,64618 | -2,30878 | -2,91941 | -3,37757 |
| 143 | -3,31542 | -3,24062 | -3,35362 | -3,36817 | -3,29984 | -3,8758 | -4,2369 | -4,52304 |
| 144 | -0,14746 | -0,46226 | -0,91368 | -1,25445 | -1,59598 | -2,17676 | -2,69027 | -3,17911 |
| 145 | 2,188895 | 1,846652 | 1,47192 | 1,121656 | 0,627722 | 0,069805 | -0,55502 | -1,19201 |
| 146 | -0,70626 | -0,84911 | -1,19395 | -1,41722 | -1,64546 | -2,21793 | -2,67841 | -3,12515 |
| 147 | -2,28515 | -4,10643 | -3,68992 | -3,41913 | -3,29526 | -2,87446 | -3,42621 | -3,60536 |
| 148 | -1,80201 | -1,68376 | -1,33809 | -1,4724 | -1,41704 | -1,61127 | -1,18048 | -1,08162 |
| 149 | -1,80201 | -1,68376 | -1,33809 | -1,4724 | -1,41704 | -1,61127 | -1,18048 | -1,08162 |
| 150 | -1,80201 | -1,68376 | -1,33809 | -1,4724 | -1,41704 | -1,61127 | -1,18048 | -1,08162 |
| 151 | -2,137 | -2,39391 | -1,59216 | -1,5996 | -2,12291 | -1,77883 | -1,10439 | -1,33082 |
| 152 | 0,400544 | -0,51606 | -0,69104 | 0,02025 | 0,134471 | -0,07835 | 0,731457 | 0,652592 |
| 153 | -1,43717 | -1,67867 | -1,79764 | -1,09513 | -0,74925 | -1,16034 | -0,56058 | -0,74814 |
| 154 | -2,12681 | -2,19015 | -1,99414 | -2,16906 | -1,97798 | -2,00193 | -1,70813 | -1,42152 |
| 155 | -2,12681 | -2,19015 | -1,99414 | -2,16906 | -1,97798 | -2,00193 | -1,70813 | -1,42152 |
| 156 | -2,12681 | -2,19015 | -1,99414 | -2,16906 | -1,97798 | -2,00193 | -1,70813 | -1,42152 |
| 157 | -2,12681 | -2,19015 | -1,99414 | -2,16906 | -1,97798 | -2,00193 | -1,70813 | -1,42152 |
| 158 | -2,12681 | -2,19015 | -1,99414 | -2,16906 | -1,97798 | -2,00193 | -1,70813 | -1,42152 |
| 159 | 1,666508 | 1,660643 | 2,209891 | 2,532815 | 2,774868 | 2,652224 | 2,785117 | 2,766043 |
| 160 | 1,666508 | 1,660643 | 2,209891 | 2,532815 | 2,774868 | 2,652224 | 2,785117 | 2,766043 |
| 161 | 1,666508 | 1,660643 | 2,209891 | 2,532815 | 2,774868 | 2,652224 | 2,785117 | 2,766043 |
| 162 | 4,567295 | 4,78676 | 4,54979 | 4,508042 | 4,194348 | 4,297367 | 4,057654 | 3,53691 |
| 163 | 4,567295 | 4,78676 | 4,54979 | 4,508042 | 4,194348 | 4,297367 | 4,057654 | 3,53691 |
| 164 | 0,859533 | 1,335192 | 1,260898 | 1,050775 | 1,589868 | 0,535679 | 0,945355 | 1,023403 |
| 165 | 0,314248 | 0,751731 | 1,002948 | 1,419831 | 1,536957 | 1,599046 | 1,558071 | 1,16692 |
| 166 | 0,314248 | 0,751731 | 1,002948 | 1,419831 | 1,536957 | 1,599046 | 1,558071 | 1,16692 |
| 167 | 1,239485 | 1,684393 | 1,706759 | 1,740249 | 1,285158 | 1,806565 | 1,225368 | 1,011977 |
| 168 | 1,239485 | 1,684393 | 1,706759 | 1,740249 | 1,285158 | 1,806565 | 1,225368 | 1,011977 |
| 169 | -0,61933 | -0,3801 | -0,63601 | -0,38381 | -0,42028 | -0,36904 | -0,08475 | -0,10149 |
| 170 | -0,61933 | -0,3801 | -0,63601 | -0,38381 | -0,42028 | -0,36904 | -0,08475 | -0,10149 |
| 171 | -0,61933 | -0,3801 | -0,63601 | -0,38381 | -0,42028 | -0,36904 | -0,08475 | -0,10149 |
| 172 | 0,551064 | 0,388647 | 0,048595 | -0,71399 | -0,09247 | 0,350571 | 0,520909 | 0,641983 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 0,344474 | 0,25501 | 0,281875 | 0,096667 | 0,120046 | -0,19169 | -0,47527 | -0,61035 |
| 174 | -3,2912 | -3,24694 | -4,09376 | -3,24165 | -2,52699 | -2,71588 | -2,04275 | -2,15918 |
| 175 | 4,804871 | 5,274751 | 5,252701 | 5,519727 | 5,875566 | 5,732881 | 5,332422 | 4,953231 |
| 176 | 2,831001 | 3,102865 | 3,18838 | 3,435623 | 4,097517 | 3,994343 | 3,756153 | 3,788449 |
| 177 | 1,196757 | 1,650634 | 1,639208 | 2,442877 | 2,715673 | 2,683887 | 3,016143 | 2,703015 |
| 178 | 0,302424 | -0,11034 | 0,398043 | 1,206384 | 1,486851 | 1,326387 | 1,609584 | 1,558091 |
| 179 | -2,40022 | -2,07004 | -1,52108 | -0,99218 | -0,66471 | -0,85116 | -0,36124 | -0,37079 |
| 180 | -0,37515 | -0,19399 | -0,15318 | -0,40657 | -0,07365 | -0,08834 | 0,23125 | 0,815875 |
| 181 | -0,37515 | -0,19399 | -0,15318 | -0,40657 | -0,07365 | -0,08834 | 0,23125 | 0,815875 |
| 182 | 0,785297 | 1,555943 | 1,180068 | 1,535607 | 1,635886 | 1,785979 | 2,079017 | 1,043644 |
| 183 | -1,02799 | -0,74319 | -0,16043 | -0,40163 | -0,16628 | -0,29184 | 0,337509 | 0,606626 |
| 184 | -2,67136 | -2,94079 | -2,78103 | -2,06418 | -2,84864 | -1,84846 | -1,33805 | -2,16369 |
| 185 | -1,41605 | -1,42775 | -1,08512 | -0,63684 | 0,116259 | -0,1043 | 0,591218 | 0,502076 |
| 186 | -1,41605 | -1,42775 | -1,08512 | -0,63684 | 0,116259 | -0,1043 | 0,591218 | 0,502076 |
| 187 | 5,085908 | 4,756063 | 4,500161 | 4,113949 | 3,710264 | 3,310807 | 3,311446 | 3,215941 |
| 188 | 5,085908 | 4,756063 | 4,500161 | 4,113949 | 3,710264 | 3,310807 | 3,311446 | 3,215941 |
| 189 | 2,899764 | 2,669654 | 2,60695 | 2,415252 | 2,214589 | 2,138905 | 1,988129 | 1,910001 |
| 190 | 1,919682 | 1,992679 | 2,083064 | 2,182145 | 2,18561 | 1,922024 | 1,571441 | 1,435201 |
| 191 | 1,919682 | 1,992679 | 2,083064 | 2,182145 | 2,18561 | 1,922024 | 1,571441 | 1,435201 |
| 192 | 1,919682 | 1,992679 | 2,083064 | 2,182145 | 2,18561 | 1,922024 | 1,571441 | 1,435201 |
| 193 | 2,228094 | 2,003472 | 1,773132 | 1,509069 | 1,606667 | 1,356791 | 1,278271 | 1,444142 |
| 194 | 2,228094 | 2,003472 | 1,773132 | 1,509069 | 1,606667 | 1,356791 | 1,278271 | 1,444142 |
| 195 | 2,228094 | 2,003472 | 1,773132 | 1,509069 | 1,606667 | 1,356791 | 1,278271 | 1,444142 |
| 196 | 1,596464 | 1,416294 | 1,389906 | 1,261759 | 0,980132 | 0,771648 | 0,632518 | 0,513641 |
| 197 | 1,596464 | 1,416294 | 1,389906 | 1,261759 | 0,980132 | 0,771648 | 0,632518 | 0,513641 |
| 198 | 1,332965 | 1,216766 | 0,994383 | 0,686797 | 0,631338 | 0,743079 | 0,998647 | 1,247887 |
| 199 | 1,332965 | 1,216766 | 0,994383 | 0,686797 | 0,631338 | 0,743079 | 0,998647 | 1,247887 |
| 200 | 1,332965 | 1,216766 | 0,994383 | 0,686797 | 0,631338 | 0,743079 | 0,998647 | 1,247887 |
| 201 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 202 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 203 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 204 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 205 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 206 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 207 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 208 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 209 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 210 | 1,340959 | 1,303341 | 1,474417 | 1,316911 | 1,199943 | 1,307536 | 1,287184 | 1,332593 |
| 211 | 1,340959 | 1,303341 | 1,474417 | 1,316911 | 1,199943 | 1,307536 | 1,287184 | 1,332593 |
| 212 | 1,340959 | 1,303341 | 1,474417 | 1,316911 | 1,199943 | 1,307536 | 1,287184 | 1,332593 |
| 213 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 214 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 215 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 216 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 218 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 219 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 220 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 221 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 222 | 1,043319 | 1,185881 | 1,067212 | 0,960189 | 0,977346 | 0,853776 | 0,874845 | 0,983498 |
| 223 | 1,043319 | 1,185881 | 1,067212 | 0,960189 | 0,977346 | 0,853776 | 0,874845 | 0,983498 |
| 224 | 3,510295 | 3,440648 | 3,278562 | 3,249051 | 3,037858 | 3,084614 | 2,852652 | 2,809337 |
| 225 | 5,678199 | 5,149148 | 4,664631 | 4,297415 | 4,083007 | 4,041663 | 4,078046 | 4,010525 |
| 226 | 3,735178 | 3,258802 | 2,784728 | 2,791515 | 2,430574 | 2,382209 | 1,784141 | 2,115111 |
| 227 | 3,735178 | 3,258802 | 2,784728 | 2,791515 | 2,430574 | 2,382209 | 1,784141 | 2,115111 |
| 228 | 5,085908 | 4,756063 | 4,500161 | 4,113949 | 3,710264 | 3,310807 | 3,311446 | 3,215941 |
| 229 | 2,899764 | 2,669654 | 2,60695 | 2,415252 | 2,214589 | 2,138905 | 1,988129 | 1,910001 |
| 230 | 3,510295 | 3,440648 | 3,278562 | 3,249051 | 3,037858 | 3,084614 | 2,852652 | 2,809337 |
| 231 | 3,91806 | 3,811261 | 3,610719 | 3,516471 | 3,361685 | 3,066088 | 3,046268 | 2,783412 |
| 232 | 3,91806 | 3,811261 | 3,610719 | 3,516471 | 3,361685 | 3,066088 | 3,046268 | 2,783412 |
| 233 | 3,91806 | 3,811261 | 3,610719 | 3,516471 | 3,361685 | 3,066088 | 3,046268 | 2,783412 |
| 234 | 3,91806 | 3,811261 | 3,610719 | 3,516471 | 3,361685 | 3,066088 | 3,046268 | 2,783412 |
| 235 | 0,864046 | 0,493385 | 0,383731 | 0,27206 | 0,465836 | 0,818123 | 0,873914 | 1,459052 |
| 236 | 0,864046 | 0,493385 | 0,383731 | 0,27206 | 0,465836 | 0,818123 | 0,873914 | 1,459052 |
| 237 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 238 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 239 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 240 | 1,340959 | 1,303341 | 1,474417 | 1,316911 | 1,199943 | 1,307536 | 1,287184 | 1,332593 |
| 241 | 1,340959 | 1,303341 | 1,474417 | 1,316911 | 1,199943 | 1,307536 | 1,287184 | 1,332593 |
| 242 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 243 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 244 | 0,793644 | 0,775857 | 0,723661 | 0,679018 | 0,622164 | 0,687933 | 0,750473 | 0,680027 |
| 245 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |
| 246 | 1,596464 | 1,416294 | 1,389906 | 1,261759 | 0,980132 | 0,771648 | 0,632518 | 0,513641 |
| 247 | 1,596464 | 1,416294 | 1,389906 | 1,261759 | 0,980132 | 0,771648 | 0,632518 | 0,513641 |
| 248 | 1,596464 | 1,416294 | 1,389906 | 1,261759 | 0,980132 | 0,771648 | 0,632518 | 0,513641 |
| 249 | 1,596464 | 1,416294 | 1,389906 | 1,261759 | 0,980132 | 0,771648 | 0,632518 | 0,513641 |
| 250 | -1,76833 | -1,38846 | -0,97928 | -0,61797 | 0,134001 | 0,70978 | 1,165073 | 1,511858 |
| 251 | -1,76833 | -1,38846 | -0,97928 | -0,61797 | 0,134001 | 0,70978 | 1,165073 | 1,511858 |
| 252 | -1,76833 | -1,38846 | -0,97928 | -0,61797 | 0,134001 | 0,70978 | 1,165073 | 1,511858 |
| 253 | 1,557623 | 2,315754 | 2,957753 | 3,286846 | 3,409498 | 3,630069 | 4,106918 | 3,961248 |
| 254 | 3,510295 | 3,440648 | 3,278562 | 3,249051 | 3,037858 | 3,084614 | 2,852652 | 2,809337 |
| 255 | 3,510295 | 3,440648 | 3,278562 | 3,249051 | 3,037858 | 3,084614 | 2,852652 | 2,809337 |
| 256 | 3,510295 | 3,440648 | 3,278562 | 3,249051 | 3,037858 | 3,084614 | 2,852652 | 2,809337 |
| 257 | -1,0089 | -1,01439 | -0,94357 | -0,81644 | -0,73033 | -0,75223 | -0,71439 | -0,69884 |

Tablica D1 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|--|
| | 0,437 | 0,479 | 0,525 | 0,575 | 0,631 | 0,692 | 0,759 | 0,832 | |
| 1 | -3,26919 | -2,97722 | -2,75976 | -3,12044 | -2,63085 | -1,75645 | -1,17982 | -1,23746 | |
| 2 | -3,28385 | -2,17559 | -1,52557 | -1,83253 | -0,5679 | -0,35706 | -1,31349 | -0,09391 | |
| 3 | 2,61293 | 3,563318 | 3,729599 | 3,734372 | 3,512247 | 4,113903 | 4,028638 | 3,061637 | |
| 4 | -5,10499 | -5,14097 | -5,07943 | -4,63341 | -4,69341 | -4,52977 | -4,02388 | -3,27845 | |
| 5 | 0,654904 | 1,199231 | 1,221176 | 1,507411 | 2,075493 | 2,164219 | 2,745914 | 2,70021 | |
| 6 | -1,931 | -1,70082 | -1,2111 | -0,52819 | -0,23278 | -0,10862 | 0,311475 | 0,980655 | |
| 7 | -4,46952 | -3,81054 | -3,52642 | -3,12388 | -2,56412 | -1,51335 | -1,43602 | -1,62728 | |
| 8 | -4,45005 | -3,72594 | -3,63704 | -2,90512 | -2,49908 | -1,99235 | -0,89729 | -0,82814 | |
| 9 | -1,85401 | -1,96624 | -1,58325 | -1,06429 | -0,84449 | -0,27007 | 0,469295 | 0,435305 | |
| 10 | 1,492537 | 1,613966 | 2,287049 | 1,634773 | 1,846765 | 2,621255 | 2,926376 | 2,331925 | |
| 11 | 4,820728 | 3,348554 | 4,641863 | 4,970523 | 4,121992 | 4,486818 | 4,291267 | 4,997926 | |
| 12 | -5,7273 | -5,85937 | -5,39499 | -5,61977 | -5,37339 | -5,03313 | -4,80298 | -6,208 | |
| 13 | -0,08176 | -0,17204 | -0,05254 | -0,85512 | -0,32632 | 0,404912 | 0,03952 | 0,413303 | |
| 14 | -0,08176 | -0,17204 | -0,05254 | -0,85512 | -0,32632 | 0,404912 | 0,03952 | 0,413303 | |
| 15 | 4,960265 | 4,907977 | 4,612225 | 4,97932 | 4,808942 | 4,947862 | 4,397082 | 4,224323 | |
| 16 | 4,960265 | 4,907977 | 4,612225 | 4,97932 | 4,808942 | 4,947862 | 4,397082 | 4,224323 | |
| 17 | -3,07307 | -2,81809 | -2,50956 | -2,33385 | -2,32925 | -1,91223 | -1,79623 | -1,794 | |
| 18 | -3,07307 | -2,81809 | -2,50956 | -2,33385 | -2,32925 | -1,91223 | -1,79623 | -1,794 | |
| 19 | -3,07307 | -2,81809 | -2,50956 | -2,33385 | -2,32925 | -1,91223 | -1,79623 | -1,794 | |
| 20 | -3,07307 | -2,81809 | -2,50956 | -2,33385 | -2,32925 | -1,91223 | -1,79623 | -1,794 | |
| 21 | -4,96604 | -4,54316 | -4,07842 | -4,2921 | -4,37733 | -3,79635 | -3,53529 | -3,5946 | |
| 22 | -0,27431 | 0,079106 | 0,378618 | 0,203986 | 0,431911 | 0,065992 | -0,24988 | -0,22193 | |
| 23 | -0,27431 | 0,079106 | 0,378618 | 0,203986 | 0,431911 | 0,065992 | -0,24988 | -0,22193 | |
| 24 | -0,27431 | 0,079106 | 0,378618 | 0,203986 | 0,431911 | 0,065992 | -0,24988 | -0,22193 | |
| 25 | -0,27431 | 0,079106 | 0,378618 | 0,203986 | 0,431911 | 0,065992 | -0,24988 | -0,22193 | |
| 26 | 5,116779 | 5,558737 | 5,603012 | 5,818833 | 4,839698 | 2,500133 | 3,632174 | 1,850298 | |
| 27 | -4,23863 | -3,59397 | -3,24496 | -3,80112 | -3,18226 | -2,73787 | -2,82273 | -1,81298 | |
| 28 | -4,85592 | -5,49881 | -5,69243 | -5,81274 | -5,23306 | -4,8445 | -4,96586 | -4,69313 | |
| 29 | -5,74492 | -5,18717 | -5,00724 | -4,23214 | -4,12051 | -3,7794 | -3,73164 | -2,85006 | |
| 30 | -5,74492 | -5,18717 | -5,00724 | -4,23214 | -4,12051 | -3,7794 | -3,73164 | -2,85006 | |
| 31 | -5,74492 | -5,18717 | -5,00724 | -4,23214 | -4,12051 | -3,7794 | -3,73164 | -2,85006 | |
| 32 | -4,03827 | -3,71079 | -3,59705 | -3,59636 | -3,36243 | -2,78678 | -2,88844 | -1,61761 | |
| 33 | 2,144043 | 1,810332 | 1,367092 | 2,110247 | 2,428222 | 3,005112 | 2,829158 | 2,511636 | |
| 34 | -1,95996 | -2,3929 | -1,85323 | -1,86837 | -1,97002 | -1,54314 | -1,26685 | -1,3997 | |
| 35 | -0,62387 | -0,56416 | -1,11699 | -0,70091 | -0,46911 | -0,61426 | -0,74556 | -1,37846 | |
| 36 | -0,62387 | -0,56416 | -1,11699 | -0,70091 | -0,46911 | -0,61426 | -0,74556 | -1,37846 | |
| 37 | -1,86761 | -1,9457 | -1,38887 | -1,80243 | -1,52899 | -1,82719 | -2,46581 | -2,62986 | |
| 38 | 1,400997 | 1,086537 | 0,306206 | 1,159075 | 0,539905 | 0,375342 | 0,065325 | 0,415937 | |
| 39 | 1,400997 | 1,086537 | 0,306206 | 1,159075 | 0,539905 | 0,375342 | 0,065325 | 0,415937 | |
| 40 | 2,705152 | 1,942817 | 1,669761 | 2,751886 | 2,138273 | 2,900956 | 2,212991 | 3,028953 | |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 2,947908 | 2,297363 | 2,045701 | 2,485925 | 2,274531 | 2,32487 | 2,003025 | 2,28217 |
| 42 | 2,947908 | 2,297363 | 2,045701 | 2,485925 | 2,274531 | 2,32487 | 2,003025 | 2,28217 |
| 43 | 2,947908 | 2,297363 | 2,045701 | 2,485925 | 2,274531 | 2,32487 | 2,003025 | 2,28217 |
| 44 | 1,119896 | 1,81687 | 1,154106 | 1,387027 | 1,957949 | 1,504753 | 1,367966 | 0,480697 |
| 45 | 0,514141 | 0,027116 | -0,12264 | 0,890349 | 1,282825 | 1,191642 | 0,869208 | 1,142757 |
| 46 | -1,04512 | -0,11878 | 0,424873 | 1,023489 | 1,863255 | 2,045183 | 1,524903 | 2,396138 |
| 47 | -1,79559 | -2,24341 | -1,48889 | -1,97968 | 0,177999 | -0,08758 | 1,035181 | 0,833359 |
| 48 | 1,797294 | 2,705787 | 2,763914 | 3,233455 | 2,512375 | 2,852638 | 2,691657 | 2,96031 |
| 49 | 0,343233 | 0,21595 | 0,649679 | 1,17266 | 1,58571 | 1,525814 | 1,693905 | 2,237858 |
| 50 | 0,343233 | 0,21595 | 0,649679 | 1,17266 | 1,58571 | 1,525814 | 1,693905 | 2,237858 |
| 51 | -3,5791 | -3,60267 | -3,94309 | -3,64772 | -4,19304 | -3,31257 | -2,52171 | -2,91659 |
| 52 | -3,5791 | -3,60267 | -3,94309 | -3,64772 | -4,19304 | -3,31257 | -2,52171 | -2,91659 |
| 53 | -7,32801 | -4,77088 | -4,63432 | -4,92853 | -2,75432 | -4,47197 | -3,89601 | -1,86242 |
| 54 | -0,1986 | 0,287401 | 0,28124 | 0,105804 | -0,24908 | -0,10351 | 0,041648 | -0,26993 |
| 55 | 0,908146 | 0,085097 | 0,969214 | 0,090803 | 1,099684 | 0,857365 | 0,086213 | 0,857732 |
| 56 | -0,29975 | -0,49014 | -0,81169 | -0,20228 | -0,03189 | 0,395567 | 0,498777 | -0,18219 |
| 57 | 0,787717 | 1,169517 | 1,107838 | 2,034481 | 1,200747 | 1,297313 | 1,276907 | 1,46183 |
| 58 | -0,88245 | -0,80175 | -0,31534 | 0,211844 | -0,06108 | 0,349773 | 1,292249 | 1,156566 |
| 59 | -0,18804 | 0,060729 | 0,562231 | 0,274816 | 0,607537 | 0,935411 | 0,851532 | 1,09256 |
| 60 | -1,89404 | -1,14337 | -0,531 | 0,136205 | 0,941188 | 0,199879 | 1,737161 | 1,437529 |
| 61 | 0,188563 | -0,60408 | -0,82567 | -0,57693 | -1,12368 | -1,33626 | -2,56744 | -1,75818 |
| 62 | -4,95597 | -5,00463 | -4,80203 | -4,18165 | -4,70294 | -3,53703 | -4,26301 | -4,0888 |
| 63 | -4,2099 | -4,1104 | -3,99609 | -5,22292 | -5,40172 | -4,15733 | -4,00902 | -4,84152 |
| 64 | -4,2099 | -4,1104 | -3,99609 | -5,22292 | -5,40172 | -4,15733 | -4,00902 | -4,84152 |
| 65 | 2,361015 | 1,731344 | 1,215547 | -0,19548 | -0,16107 | 0,197829 | -0,07976 | -0,49009 |
| 66 | 0,924711 | 1,003722 | 0,305259 | 0,274833 | 0,299945 | -0,03867 | 0,347251 | 0,20528 |
| 67 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 68 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 69 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 70 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 71 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 72 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 73 | -3,62241 | -3,06102 | -2,94099 | -2,61902 | -2,67961 | -2,54998 | -2,65359 | -2,49646 |
| 74 | -3,62241 | -3,06102 | -2,94099 | -2,61902 | -2,67961 | -2,54998 | -2,65359 | -2,49646 |
| 75 | -3,62241 | -3,06102 | -2,94099 | -2,61902 | -2,67961 | -2,54998 | -2,65359 | -2,49646 |
| 76 | -3,62241 | -3,06102 | -2,94099 | -2,61902 | -2,67961 | -2,54998 | -2,65359 | -2,49646 |
| 77 | -0,65835 | -0,87316 | -1,09059 | -1,07619 | -0,87533 | -1,6636 | -1,28304 | -1,17335 |
| 78 | -0,65835 | -0,87316 | -1,09059 | -1,07619 | -0,87533 | -1,6636 | -1,28304 | -1,17335 |
| 79 | -0,65835 | -0,87316 | -1,09059 | -1,07619 | -0,87533 | -1,6636 | -1,28304 | -1,17335 |
| 80 | -0,65835 | -0,87316 | -1,09059 | -1,07619 | -0,87533 | -1,6636 | -1,28304 | -1,17335 |
| 81 | -1,63825 | -1,29556 | -1,08326 | -1,48001 | -0,73031 | -1,73859 | -0,80339 | -0,75734 |
| 82 | -1,63825 | -1,29556 | -1,08326 | -1,48001 | -0,73031 | -1,73859 | -0,80339 | -0,75734 |
| 83 | -1,63825 | -1,29556 | -1,08326 | -1,48001 | -0,73031 | -1,73859 | -0,80339 | -0,75734 |
| 84 | -2,96237 | -2,33654 | -2,96244 | -2,47358 | -1,89042 | -2,90028 | -2,40948 | -1,21437 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 1,816377 | 1,246106 | 1,61696 | 0,747803 | 1,282895 | 1,17805 | 0,917386 | 1,088535 |
| 86 | 3,741509 | 3,481321 | 2,900795 | 2,845188 | 2,00356 | 2,456278 | 2,100368 | 1,715375 |
| 87 | 3,741509 | 3,481321 | 2,900795 | 2,845188 | 2,00356 | 2,456278 | 2,100368 | 1,715375 |
| 88 | 3,741509 | 3,481321 | 2,900795 | 2,845188 | 2,00356 | 2,456278 | 2,100368 | 1,715375 |
| 89 | 2,08926 | 2,545202 | 2,321282 | 2,458861 | 2,191793 | 2,394383 | 2,220319 | 2,244435 |
| 90 | 2,08926 | 2,545202 | 2,321282 | 2,458861 | 2,191793 | 2,394383 | 2,220319 | 2,244435 |
| 91 | 2,08926 | 2,545202 | 2,321282 | 2,458861 | 2,191793 | 2,394383 | 2,220319 | 2,244435 |
| 92 | 2,08926 | 2,545202 | 2,321282 | 2,458861 | 2,191793 | 2,394383 | 2,220319 | 2,244435 |
| 93 | 3,764363 | 3,250472 | 3,374263 | 3,48637 | 3,212825 | 3,274119 | 2,604669 | 2,730146 |
| 94 | 3,764363 | 3,250472 | 3,374263 | 3,48637 | 3,212825 | 3,274119 | 2,604669 | 2,730146 |
| 95 | 3,764363 | 3,250472 | 3,374263 | 3,48637 | 3,212825 | 3,274119 | 2,604669 | 2,730146 |
| 96 | 0,713343 | 1,043573 | 1,238857 | 1,062285 | 0,843328 | 1,064005 | 0,877523 | 0,714796 |
| 97 | 0,713343 | 1,043573 | 1,238857 | 1,062285 | 0,843328 | 1,064005 | 0,877523 | 0,714796 |
| 98 | 2,531385 | 2,335981 | 2,284374 | 1,822478 | 1,830437 | 1,572677 | 1,778828 | 1,824093 |
| 99 | -0,1986 | 0,287401 | 0,28124 | 0,105804 | -0,24908 | -0,10351 | 0,041648 | -0,26993 |
| 100 | -0,1986 | 0,287401 | 0,28124 | 0,105804 | -0,24908 | -0,10351 | 0,041648 | -0,26993 |
| 101 | -0,1986 | 0,287401 | 0,28124 | 0,105804 | -0,24908 | -0,10351 | 0,041648 | -0,26993 |
| 102 | -0,1986 | 0,287401 | 0,28124 | 0,105804 | -0,24908 | -0,10351 | 0,041648 | -0,26993 |
| 103 | -0,1986 | 0,287401 | 0,28124 | 0,105804 | -0,24908 | -0,10351 | 0,041648 | -0,26993 |
| 104 | -1,89574 | -2,14079 | -1,36203 | -1,17132 | -1,49001 | -1,01018 | -1,11822 | -1,24459 |
| 105 | -1,89574 | -2,14079 | -1,36203 | -1,17132 | -1,49001 | -1,01018 | -1,11822 | -1,24459 |
| 106 | -1,89574 | -2,14079 | -1,36203 | -1,17132 | -1,49001 | -1,01018 | -1,11822 | -1,24459 |
| 107 | -0,56878 | -0,14883 | -0,01479 | -0,30888 | -0,09725 | 0,186945 | 0,274035 | 0,113573 |
| 108 | -0,56878 | -0,14883 | -0,01479 | -0,30888 | -0,09725 | 0,186945 | 0,274035 | 0,113573 |
| 109 | -0,56878 | -0,14883 | -0,01479 | -0,30888 | -0,09725 | 0,186945 | 0,274035 | 0,113573 |
| 110 | -0,56878 | -0,14883 | -0,01479 | -0,30888 | -0,09725 | 0,186945 | 0,274035 | 0,113573 |
| 111 | -0,56878 | -0,14883 | -0,01479 | -0,30888 | -0,09725 | 0,186945 | 0,274035 | 0,113573 |
| 112 | 2,192466 | 1,578436 | 1,24788 | 1,261165 | 0,787771 | 0,943476 | 0,761626 | 0,236456 |
| 113 | -0,04092 | 0,244473 | -1,7574 | 0,154993 | -0,81822 | 0,226491 | 0,253285 | -0,1335 |
| 114 | 0,065021 | 0,078464 | -0,59075 | -0,73854 | 0,014294 | -0,79191 | 0,156062 | -0,61639 |
| 115 | -0,73737 | -0,65511 | -0,67559 | -1,44708 | -0,16531 | -1,22321 | -0,56045 | -0,99573 |
| 116 | -1,59811 | -0,90058 | -0,69628 | -2,81665 | -2,34805 | -1,52648 | -1,96479 | -1,43812 |
| 117 | 0,102259 | -0,64302 | 0,18835 | -0,25492 | 0,015433 | 0,054433 | -0,20512 | 0,056017 |
| 118 | -0,16254 | 0,19307 | -0,18414 | 0,078728 | -0,11961 | 0,411715 | 0,146514 | 0,119686 |
| 119 | -0,29718 | 0,139643 | -0,33557 | -0,52874 | -0,69675 | -0,89893 | -0,66732 | -0,56009 |
| 120 | 0,601568 | -0,01877 | 0,213889 | 0,079523 | -0,43206 | -1,05144 | -0,41199 | -0,52183 |
| 121 | 0,255315 | 0,198312 | -0,20276 | -0,60715 | -0,58088 | -0,63192 | -0,75554 | -0,75639 |
| 122 | 0,209812 | 0,438819 | -0,09487 | 0,296881 | -0,11824 | 0,666251 | -0,44701 | -0,93277 |
| 123 | 1,219569 | 1,171305 | 0,929468 | 1,01822 | 0,554822 | -0,41284 | -0,83012 | 0,623924 |
| 124 | -2,34634 | -2,26901 | -1,71993 | -1,5428 | -2,12415 | -2,32462 | -1,27263 | -1,68909 |
| 125 | -3,6424 | -2,67071 | -1,92962 | -2,37791 | -1,87749 | -2,07677 | -2,61448 | -2,17888 |
| 126 | 1,430728 | 1,224901 | 1,25164 | 0,854219 | 0,809098 | 1,034132 | 0,573727 | 0,902894 |
| 127 | 1,430728 | 1,224901 | 1,25164 | 0,854219 | 0,809098 | 1,034132 | 0,573727 | 0,902894 |
| 128 | 0,327256 | 0,518048 | 0,301201 | 0,298045 | 0,312364 | -0,11213 | -0,36092 | 0,11238 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | 0,327256 | 0,518048 | 0,301201 | 0,298045 | 0,312364 | -0,11213 | -0,36092 | 0,11238 |
| 130 | 1,553935 | 0,975749 | 1,185195 | 1,147795 | 0,072933 | 0,499416 | 1,15188 | 1,529531 |
| 131 | 0,770847 | 0,624563 | 0,846259 | 0,032361 | -0,66346 | 0,833144 | 0,32502 | -0,27517 |
| 132 | -0,06249 | 0,268355 | -0,29043 | -0,64433 | -0,06513 | -0,64742 | -0,68242 | -0,87167 |
| 133 | 1,63082 | 1,890273 | 2,558194 | 2,32053 | 1,789186 | 1,757075 | 1,647365 | 1,29832 |
| 134 | -1,74121 | -1,78077 | -1,23755 | -0,49064 | -0,41927 | 0,227996 | 0,409631 | 1,211022 |
| 135 | -2,21283 | -2,11543 | -2,06765 | -1,39965 | -0,98174 | -1,48827 | -1,24229 | 0,002142 |
| 136 | -1,2984 | -0,85861 | -0,90771 | -0,88229 | 0,270991 | 0,29491 | 0,640385 | 1,405846 |
| 137 | 2,337342 | 1,904689 | 1,831835 | 2,749815 | 2,791503 | 2,598232 | 2,922636 | 3,217436 |
| 138 | 4,014435 | 2,923874 | 3,260132 | 3,749276 | 3,317598 | 3,296436 | 3,40562 | 2,106582 |
| 139 | -9,33047 | -9,69427 | -9,54396 | -8,66774 | -6,91668 | -7,91857 | -7,00079 | -7,14487 |
| 140 | -7,97261 | -8,14779 | -8,29898 | -8,36135 | -8,55386 | -8,52278 | -7,80317 | -7,18917 |
| 141 | -0,83155 | -1,03557 | -0,89479 | -0,91827 | -0,93803 | -1,06575 | -1,25729 | -1,14438 |
| 142 | -3,73575 | -4,20846 | -4,60419 | -4,97872 | -4,76926 | -4,42544 | -3,97854 | -3,93186 |
| 143 | -4,355 | -4,63429 | -4,40482 | -4,43724 | -4,47115 | -4,61801 | -4,09049 | -3,24693 |
| 144 | -3,51123 | -4,01779 | -4,4268 | -4,79535 | -5,36323 | -5,84859 | -6,18274 | -6,5318 |
| 145 | -1,95093 | -2,93357 | -3,23593 | -3,40366 | -3,60282 | -3,66036 | -3,74352 | -3,58898 |
| 146 | -3,40292 | -3,96475 | -4,5602 | -5,47005 | -6,16314 | -6,73888 | -6,49827 | -7,23099 |
| 147 | -2,05744 | -2,59126 | -2,18196 | -2,86556 | -1,58371 | -1,06736 | -0,96618 | -1,1722 |
| 148 | -0,90767 | -0,90077 | -0,52967 | -0,51807 | -0,49212 | -0,76296 | -0,70181 | -0,8397 |
| 149 | -0,90767 | -0,90077 | -0,52967 | -0,51807 | -0,49212 | -0,76296 | -0,70181 | -0,8397 |
| 150 | -0,90767 | -0,90077 | -0,52967 | -0,51807 | -0,49212 | -0,76296 | -0,70181 | -0,8397 |
| 151 | -1,05319 | -0,88206 | -1,32359 | -0,39914 | -0,95216 | -0,44084 | -0,25392 | -0,49606 |
| 152 | 0,211017 | 0,876993 | -0,08584 | 1,082985 | 0,145789 | 0,028537 | -0,06792 | -0,506 |
| 153 | 0,033434 | -0,8531 | -0,6811 | 0,227106 | -0,19348 | 0,048599 | -0,2438 | -0,27945 |
| 154 | -1,14751 | -1,22191 | -0,59289 | -0,53855 | -0,85241 | -0,58245 | -0,45859 | -0,45352 |
| 155 | -1,14751 | -1,22191 | -0,59289 | -0,53855 | -0,85241 | -0,58245 | -0,45859 | -0,45352 |
| 156 | -1,14751 | -1,22191 | -0,59289 | -0,53855 | -0,85241 | -0,58245 | -0,45859 | -0,45352 |
| 157 | -1,14751 | -1,22191 | -0,59289 | -0,53855 | -0,85241 | -0,58245 | -0,45859 | -0,45352 |
| 158 | -1,14751 | -1,22191 | -0,59289 | -0,53855 | -0,85241 | -0,58245 | -0,45859 | -0,45352 |
| 159 | 2,515664 | 2,295254 | 1,997298 | 1,826518 | 2,03152 | 0,991236 | 1,31233 | 0,815857 |
| 160 | 2,515664 | 2,295254 | 1,997298 | 1,826518 | 2,03152 | 0,991236 | 1,31233 | 0,815857 |
| 161 | 2,515664 | 2,295254 | 1,997298 | 1,826518 | 2,03152 | 0,991236 | 1,31233 | 0,815857 |
| 162 | 2,992819 | 2,703913 | 2,687928 | 2,144442 | 2,229394 | 1,564252 | 1,538861 | 1,117407 |
| 163 | 2,992819 | 2,703913 | 2,687928 | 2,144442 | 2,229394 | 1,564252 | 1,538861 | 1,117407 |
| 164 | 1,866489 | 1,14419 | 0,540342 | 0,841175 | 0,806394 | 0,413205 | -0,29347 | -1,29826 |
| 165 | 1,408932 | 1,602395 | 1,258387 | 1,176129 | 0,621492 | 0,630823 | 0,268512 | 0,581401 |
| 166 | 1,408932 | 1,602395 | 1,258387 | 1,176129 | 0,621492 | 0,630823 | 0,268512 | 0,581401 |
| 167 | 0,924711 | 1,003722 | 0,305259 | 0,274833 | 0,299945 | -0,03867 | 0,347251 | 0,20528 |
| 168 | 0,924711 | 1,003722 | 0,305259 | 0,274833 | 0,299945 | -0,03867 | 0,347251 | 0,20528 |
| 169 | -0,18401 | 0,187988 | 0,081802 | -0,09329 | 0,107588 | 0,526582 | 0,535399 | 0,475627 |
| 170 | -0,18401 | 0,187988 | 0,081802 | -0,09329 | 0,107588 | 0,526582 | 0,535399 | 0,475627 |
| 171 | -0,18401 | 0,187988 | 0,081802 | -0,09329 | 0,107588 | 0,526582 | 0,535399 | 0,475627 |
| 172 | 0,859047 | 1,088429 | 0,914824 | 0,852013 | 0,595313 | 0,984702 | 0,886488 | 1,204507 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | -0,69595 | -0,97246 | -1,02872 | -1,51859 | -1,01892 | -1,35419 | -1,62309 | -1,61821 |
| 174 | -1,4573 | -1,32464 | -0,8748 | -0,18917 | -0,79069 | -0,11426 | -0,84718 | -0,08186 |
| 175 | 4,832796 | 4,244682 | 4,053352 | 4,013694 | 3,733788 | 3,218112 | 3,225616 | 2,467405 |
| 176 | 3,546995 | 2,959538 | 2,75599 | 2,287433 | 1,935938 | 1,807935 | 1,527929 | 1,329668 |
| 177 | 2,695895 | 2,523973 | 2,170119 | 2,247979 | 1,793142 | 1,577964 | 1,487021 | 1,456093 |
| 178 | 1,954865 | 1,693101 | 2,076324 | 1,888083 | 1,49749 | 1,751866 | 1,145139 | 1,797156 |
| 179 | 0,09137 | 0,502701 | 0,562763 | 0,552327 | 0,158796 | 0,302495 | 0,110703 | 0,465784 |
| 180 | 0,756878 | 0,513232 | 0,002345 | 0,816154 | 0,659772 | 0,419906 | 0,067164 | 0,50785 |
| 181 | 0,756878 | 0,513232 | 0,002345 | 0,816154 | 0,659772 | 0,419906 | 0,067164 | 0,50785 |
| 182 | 1,691586 | 0,469211 | 1,430207 | 0,978046 | 1,167587 | 0,702493 | 0,309629 | -0,82262 |
| 183 | -0,26543 | 0,558228 | 1,525406 | 1,273347 | 0,315744 | 0,495585 | 0,839647 | 0,795496 |
| 184 | -1,12433 | -1,2346 | -1,09931 | -1,03205 | -1,26471 | -1,36329 | -1,50793 | -1,63262 |
| 185 | -0,05902 | 0,61548 | 0,477696 | 0,87936 | 0,896028 | 0,484355 | 0,654487 | 0,016566 |
| 186 | -0,05902 | 0,61548 | 0,477696 | 0,87936 | 0,896028 | 0,484355 | 0,654487 | 0,016566 |
| 187 | 2,979528 | 2,579302 | 2,634261 | 2,737494 | 2,677882 | 2,313207 | 2,219118 | 2,060867 |
| 188 | 2,979528 | 2,579302 | 2,634261 | 2,737494 | 2,677882 | 2,313207 | 2,219118 | 2,060867 |
| 189 | 1,712606 | 1,308392 | 1,190165 | 1,54567 | 1,215057 | 1,125684 | 1,130112 | 1,023353 |
| 190 | 1,256169 | 1,031827 | 0,858836 | 0,681537 | 0,823589 | 0,828688 | 1,284517 | 1,296445 |
| 191 | 1,256169 | 1,031827 | 0,858836 | 0,681537 | 0,823589 | 0,828688 | 1,284517 | 1,296445 |
| 192 | 1,256169 | 1,031827 | 0,858836 | 0,681537 | 0,823589 | 0,828688 | 1,284517 | 1,296445 |
| 193 | 0,821067 | 0,940535 | 0,893282 | 0,800851 | 0,608514 | 0,690103 | 0,228858 | 0,434929 |
| 194 | 0,821067 | 0,940535 | 0,893282 | 0,800851 | 0,608514 | 0,690103 | 0,228858 | 0,434929 |
| 195 | 0,821067 | 0,940535 | 0,893282 | 0,800851 | 0,608514 | 0,690103 | 0,228858 | 0,434929 |
| 196 | -0,03141 | -0,25069 | -0,34296 | -0,3288 | -0,47538 | -0,70158 | -0,52616 | -0,54327 |
| 197 | -0,03141 | -0,25069 | -0,34296 | -0,3288 | -0,47538 | -0,70158 | -0,52616 | -0,54327 |
| 198 | 1,224057 | 1,097087 | 0,719219 | 1,116557 | 1,552231 | 1,828822 | 1,812598 | 1,10048 |
| 199 | 1,224057 | 1,097087 | 0,719219 | 1,116557 | 1,552231 | 1,828822 | 1,812598 | 1,10048 |
| 200 | 1,224057 | 1,097087 | 0,719219 | 1,116557 | 1,552231 | 1,828822 | 1,812598 | 1,10048 |
| 201 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 202 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 203 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 204 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 205 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 206 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 207 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 208 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 209 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 210 | 1,739337 | 1,261673 | 1,459695 | 1,267314 | 1,309233 | 1,199027 | 1,606999 | 1,283 |
| 211 | 1,739337 | 1,261673 | 1,459695 | 1,267314 | 1,309233 | 1,199027 | 1,606999 | 1,283 |
| 212 | 1,739337 | 1,261673 | 1,459695 | 1,267314 | 1,309233 | 1,199027 | 1,606999 | 1,283 |
| 213 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 214 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 215 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 216 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 218 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 219 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 220 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 221 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 222 | 1,088026 | 0,840325 | 1,369399 | 1,233112 | 0,732238 | 0,586115 | 0,611974 | 0,403149 |
| 223 | 1,088026 | 0,840325 | 1,369399 | 1,233112 | 0,732238 | 0,586115 | 0,611974 | 0,403149 |
| 224 | 2,947496 | 2,641342 | 2,068592 | 2,259897 | 2,032613 | 1,849702 | 1,796012 | 1,64606 |
| 225 | 3,460587 | 2,971979 | 2,909592 | 2,796654 | 2,242192 | 2,232661 | 1,975037 | 1,7709 |
| 226 | 1,711952 | 1,96927 | 1,960589 | 1,846103 | 1,06068 | 1,473634 | 1,340734 | 0,902443 |
| 227 | 1,711952 | 1,96927 | 1,960589 | 1,846103 | 1,06068 | 1,473634 | 1,340734 | 0,902443 |
| 228 | 2,979528 | 2,579302 | 2,634261 | 2,737494 | 2,677882 | 2,313207 | 2,219118 | 2,060867 |
| 229 | 1,712606 | 1,308392 | 1,190165 | 1,54567 | 1,215057 | 1,125684 | 1,130112 | 1,023353 |
| 230 | 2,947496 | 2,641342 | 2,068592 | 2,259897 | 2,032613 | 1,849702 | 1,796012 | 1,64606 |
| 231 | 2,527117 | 2,583416 | 2,25354 | 2,166909 | 1,936637 | 1,472824 | 1,069184 | 1,270168 |
| 232 | 2,527117 | 2,583416 | 2,25354 | 2,166909 | 1,936637 | 1,472824 | 1,069184 | 1,270168 |
| 233 | 2,527117 | 2,583416 | 2,25354 | 2,166909 | 1,936637 | 1,472824 | 1,069184 | 1,270168 |
| 234 | 2,527117 | 2,583416 | 2,25354 | 2,166909 | 1,936637 | 1,472824 | 1,069184 | 1,270168 |
| 235 | 1,639689 | 1,629222 | 1,210547 | 1,212627 | 1,24744 | 1,401439 | 1,841354 | 2,040299 |
| 236 | 1,639689 | 1,629222 | 1,210547 | 1,212627 | 1,24744 | 1,401439 | 1,841354 | 2,040299 |
| 237 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 238 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 239 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 240 | 1,739337 | 1,261673 | 1,459695 | 1,267314 | 1,309233 | 1,199027 | 1,606999 | 1,283 |
| 241 | 1,739337 | 1,261673 | 1,459695 | 1,267314 | 1,309233 | 1,199027 | 1,606999 | 1,283 |
| 242 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 243 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 244 | 0,652535 | 0,511875 | 0,406914 | 0,164521 | 0,049837 | -0,21735 | -0,39979 | -0,26623 |
| 245 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |
| 246 | -0,03141 | -0,25069 | -0,34296 | -0,3288 | -0,47538 | -0,70158 | -0,52616 | -0,54327 |
| 247 | -0,03141 | -0,25069 | -0,34296 | -0,3288 | -0,47538 | -0,70158 | -0,52616 | -0,54327 |
| 248 | -0,03141 | -0,25069 | -0,34296 | -0,3288 | -0,47538 | -0,70158 | -0,52616 | -0,54327 |
| 249 | -0,03141 | -0,25069 | -0,34296 | -0,3288 | -0,47538 | -0,70158 | -0,52616 | -0,54327 |
| 250 | 1,972186 | 2,09491 | 2,094212 | 2,126928 | 2,696048 | 2,719807 | 2,838969 | 2,754266 |
| 251 | 1,972186 | 2,09491 | 2,094212 | 2,126928 | 2,696048 | 2,719807 | 2,838969 | 2,754266 |
| 252 | 1,972186 | 2,09491 | 2,094212 | 2,126928 | 2,696048 | 2,719807 | 2,838969 | 2,754266 |
| 253 | 4,062864 | 4,438358 | 4,695686 | 4,757717 | 4,587312 | 5,053499 | 4,772696 | 4,585358 |
| 254 | 2,947496 | 2,641342 | 2,068592 | 2,259897 | 2,032613 | 1,849702 | 1,796012 | 1,64606 |
| 255 | 2,947496 | 2,641342 | 2,068592 | 2,259897 | 2,032613 | 1,849702 | 1,796012 | 1,64606 |
| 256 | 2,947496 | 2,641342 | 2,068592 | 2,259897 | 2,032613 | 1,849702 | 1,796012 | 1,64606 |
| 257 | -0,69994 | -0,55863 | -0,38053 | -0,40954 | -0,34695 | -0,25266 | -0,20274 | -0,21044 |

Tablica D1 (*nastavak*):

| | frekvencija (Hz) | | | | | | | |
|-----------|------------------|----------|----------|----------|----------|----------|----------|----------|
| N | 0.912 | 1 | 1.096 | 1.202 | 1.318 | 1.445 | 1.585 | 1.738 |
| 1 | -1,31429 | -1,97105 | -0,02885 | -0,76904 | 0,092634 | -0,61074 | -0,05946 | -0,38648 |
| 2 | -1,08026 | 0,61697 | 1,047909 | 0,928555 | 1,188767 | 0,42448 | 0,584091 | 0,292199 |
| 3 | 3,110398 | 2,218579 | 2,854618 | 2,698888 | 2,344439 | 2,824188 | 1,558675 | 1,838299 |
| 4 | -2,9393 | -2,62659 | -2,08588 | -1,51136 | -1,0613 | -0,25377 | 0,135173 | -0,08989 |
| 5 | 2,045437 | 0,852089 | 0,620029 | 2,115718 | 1,654496 | 2,13719 | 0,583667 | 0,44594 |
| 6 | 1,533545 | 1,820138 | 1,681238 | 1,956787 | 2,058499 | 2,019431 | 1,701182 | 1,802896 |
| 7 | -1,05988 | -0,3082 | 0,44549 | 0,663506 | 0,351956 | 0,355651 | 0,941017 | 0,774386 |
| 8 | -0,39736 | 0,044572 | 0,804806 | 0,704077 | 0,602614 | 0,60386 | 0,654921 | 0,893112 |
| 9 | 1,122636 | 1,536544 | 1,869046 | 1,756764 | 2,190185 | 2,084756 | 1,612658 | 2,145181 |
| 10 | 1,665066 | 2,058029 | 2,295624 | 2,072059 | 2,271231 | 1,607727 | 2,148981 | 1,235764 |
| 11 | 4,546122 | 4,038233 | 3,556316 | 4,14208 | 3,993983 | 3,28299 | 3,914098 | 2,52193 |
| 12 | -6,37774 | -5,73805 | -4,67302 | -4,46908 | -4,01886 | -3,59678 | -2,4208 | -2,90943 |
| 13 | -0,29119 | -0,06336 | 0,265811 | -0,22423 | -0,25784 | -0,9435 | -0,41888 | -0,57339 |
| 14 | -0,29119 | -0,06336 | 0,265811 | -0,22423 | -0,25784 | -0,9435 | -0,41888 | -0,57339 |
| 15 | 5,615816 | 5,582725 | 5,462531 | 5,06961 | 4,520815 | 4,614693 | 4,17815 | 4,408632 |
| 16 | 5,615816 | 5,582725 | 5,462531 | 5,06961 | 4,520815 | 4,614693 | 4,17815 | 4,408632 |
| 17 | -2,03238 | -2,40697 | -2,21204 | -2,2693 | -2,00882 | -1,91069 | -1,8937 | -2,46028 |
| 18 | -2,03238 | -2,40697 | -2,21204 | -2,2693 | -2,00882 | -1,91069 | -1,8937 | -2,46028 |
| 19 | -2,03238 | -2,40697 | -2,21204 | -2,2693 | -2,00882 | -1,91069 | -1,8937 | -2,46028 |
| 20 | -2,03238 | -2,40697 | -2,21204 | -2,2693 | -2,00882 | -1,91069 | -1,8937 | -2,46028 |
| 21 | -2,69794 | -2,82419 | -2,17969 | -2,16419 | -1,22385 | -1,77597 | -1,79927 | -0,8539 |
| 22 | 0,145535 | -0,21629 | -0,3215 | -0,19028 | -0,598 | -0,67069 | -1,02444 | -1,01018 |
| 23 | 0,145535 | -0,21629 | -0,3215 | -0,19028 | -0,598 | -0,67069 | -1,02444 | -1,01018 |
| 24 | 0,145535 | -0,21629 | -0,3215 | -0,19028 | -0,598 | -0,67069 | -1,02444 | -1,01018 |
| 25 | 0,145535 | -0,21629 | -0,3215 | -0,19028 | -0,598 | -0,67069 | -1,02444 | -1,01018 |
| 26 | 2,056766 | 2,341911 | 1,433208 | 0,897363 | 0,966341 | -0,18611 | -0,76979 | 0,572457 |
| 27 | -1,72546 | -1,75149 | -2,0939 | -1,53355 | -1,13071 | -1,23837 | -1,45516 | -1,16047 |
| 28 | -4,95015 | -3,60745 | -4,0121 | -2,2243 | -2,16975 | -1,46676 | -1,11446 | -0,84682 |
| 29 | -2,81735 | -2,68408 | -2,55983 | -2,43528 | -2,2237 | -1,77888 | -1,50808 | -1,69793 |
| 30 | -2,81735 | -2,68408 | -2,55983 | -2,43528 | -2,2237 | -1,77888 | -1,50808 | -1,69793 |
| 31 | -2,81735 | -2,68408 | -2,55983 | -2,43528 | -2,2237 | -1,77888 | -1,50808 | -1,69793 |
| 32 | -1,53291 | -2,29044 | -1,90264 | -1,49321 | -2,07494 | -1,51973 | -1,47809 | -0,98062 |
| 33 | 2,676698 | 3,148655 | 1,759266 | 2,746058 | 3,111931 | 3,483717 | 2,699736 | 1,960406 |
| 34 | -1,16955 | -0,63812 | -1,13432 | -0,92267 | -1,05728 | -0,70441 | -0,32453 | -1,15839 |
| 35 | -0,8248 | -2,13874 | -1,50143 | -1,10992 | -1,19073 | -1,08185 | -0,71093 | -1,32891 |
| 36 | -0,8248 | -2,13874 | -1,50143 | -1,10992 | -1,19073 | -1,08185 | -0,71093 | -1,32891 |
| 37 | -2,68433 | -2,2645 | -2,57826 | -1,95517 | -2,66623 | -2,29232 | -2,7623 | -2,26599 |
| 38 | 0,238348 | 0,313826 | 0,09618 | -0,10999 | 0,462128 | -0,15023 | 0,621681 | 0,221059 |
| 39 | 0,238348 | 0,313826 | 0,09618 | -0,10999 | 0,462128 | -0,15023 | 0,621681 | 0,221059 |
| 40 | 1,992188 | 2,095073 | 2,3604 | 2,619554 | 2,524405 | 1,811477 | 1,216227 | 1,703849 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 2,329892 | 1,866008 | 1,778115 | 1,603971 | 1,297434 | 1,3599 | 1,407596 | 1,398988 |
| 42 | 2,329892 | 1,866008 | 1,778115 | 1,603971 | 1,297434 | 1,3599 | 1,407596 | 1,398988 |
| 43 | 2,329892 | 1,866008 | 1,778115 | 1,603971 | 1,297434 | 1,3599 | 1,407596 | 1,398988 |
| 44 | 0,574413 | 1,052157 | 0,690259 | 0,903305 | 0,950408 | 0,963771 | 0,269754 | 0,364193 |
| 45 | 1,823809 | 1,014078 | 1,576174 | 0,91465 | 0,394874 | 1,30241 | 1,604165 | 1,5729 |
| 46 | 1,915262 | 2,260971 | 2,244818 | 2,209604 | 1,855169 | 1,659313 | 1,058641 | 1,600129 |
| 47 | 1,004005 | 1,213215 | 1,005452 | 1,582359 | -0,41045 | 1,236449 | 1,480377 | 0,078668 |
| 48 | 2,358674 | 2,462905 | 3,028593 | 2,810075 | 2,60267 | 2,90462 | 2,46559 | 2,061355 |
| 49 | 1,981781 | 1,386832 | 1,38882 | 1,559291 | 0,98755 | 1,447906 | 0,942831 | 0,766131 |
| 50 | 1,981781 | 1,386832 | 1,38882 | 1,559291 | 0,98755 | 1,447906 | 0,942831 | 0,766131 |
| 51 | -2,16181 | -1,94742 | -1,21594 | -1,58247 | -0,99135 | -0,55828 | -0,15607 | 0,396288 |
| 52 | -2,16181 | -1,94742 | -1,21594 | -1,58247 | -0,99135 | -0,55828 | -0,15607 | 0,396288 |
| 53 | -1,57115 | -1,84916 | -0,35642 | -1,18988 | -0,36293 | -0,4912 | 0,082056 | 0,230238 |
| 54 | -0,19433 | -0,21634 | -0,57798 | -0,04825 | -0,36378 | -0,69321 | -0,61906 | -0,60857 |
| 55 | 1,41585 | 1,456031 | 0,831205 | 0,646277 | 1,224668 | 1,330905 | 1,552971 | 1,373243 |
| 56 | 1,051327 | 0,203498 | 0,896714 | 0,97098 | 1,111218 | 1,289196 | 0,289978 | 0,420423 |
| 57 | 1,895435 | 1,987583 | 2,094331 | 1,868829 | 1,605357 | 1,318433 | 1,448673 | 1,006878 |
| 58 | 1,275889 | 1,901313 | 1,528169 | 1,580188 | 1,194636 | 1,304604 | 1,395578 | 0,937078 |
| 59 | 0,292061 | 0,37615 | 0,186548 | 0,134427 | 0,767519 | 0,545843 | 1,354201 | 0,247221 |
| 60 | 2,368465 | 2,425633 | 2,397814 | 1,873409 | 1,815654 | 1,597194 | 1,910305 | 1,392608 |
| 61 | -3,09017 | -1,80933 | -1,88199 | -2,17922 | -1,78528 | -2,09227 | -2,18692 | -2,32858 |
| 62 | -4,56584 | -3,91116 | -4,2699 | -4,72667 | -4,42389 | -3,95105 | -3,59102 | -4,25759 |
| 63 | -4,30574 | -3,94745 | -4,56419 | -5,46691 | -4,66525 | -4,29974 | -4,05828 | -3,7789 |
| 64 | -4,30574 | -3,94745 | -4,56419 | -5,46691 | -4,66525 | -4,29974 | -4,05828 | -3,7789 |
| 65 | -0,02559 | -0,33047 | -0,95345 | -0,71997 | -1,91987 | -1,76332 | -1,38096 | -1,83049 |
| 66 | -0,00446 | 0,076936 | -0,55435 | -0,5817 | -0,22894 | 0,085911 | -0,47332 | -0,40086 |
| 67 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 68 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 69 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 70 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 71 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 72 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 73 | -2,52831 | -2,3445 | -2,22067 | -2,04836 | -2,09596 | -1,92158 | -1,80768 | -1,47539 |
| 74 | -2,52831 | -2,3445 | -2,22067 | -2,04836 | -2,09596 | -1,92158 | -1,80768 | -1,47539 |
| 75 | -2,52831 | -2,3445 | -2,22067 | -2,04836 | -2,09596 | -1,92158 | -1,80768 | -1,47539 |
| 76 | -2,52831 | -2,3445 | -2,22067 | -2,04836 | -2,09596 | -1,92158 | -1,80768 | -1,47539 |
| 77 | -1,34936 | -0,81604 | -1,25657 | -1,21702 | -1,35174 | -1,90053 | -1,37198 | -1,36345 |
| 78 | -1,34936 | -0,81604 | -1,25657 | -1,21702 | -1,35174 | -1,90053 | -1,37198 | -1,36345 |
| 79 | -1,34936 | -0,81604 | -1,25657 | -1,21702 | -1,35174 | -1,90053 | -1,37198 | -1,36345 |
| 80 | -1,34936 | -0,81604 | -1,25657 | -1,21702 | -1,35174 | -1,90053 | -1,37198 | -1,36345 |
| 81 | -0,50846 | -0,61404 | -0,57201 | -1,34778 | -0,52117 | 0,115672 | 0,073367 | 0,079298 |
| 82 | -0,50846 | -0,61404 | -0,57201 | -1,34778 | -0,52117 | 0,115672 | 0,073367 | 0,079298 |
| 83 | -0,50846 | -0,61404 | -0,57201 | -1,34778 | -0,52117 | 0,115672 | 0,073367 | 0,079298 |
| 84 | -0,6375 | -0,9386 | -1,14298 | -1,30894 | -1,14905 | -0,46557 | -0,64333 | -0,71441 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0,888277 | 1,20468 | 0,71521 | 0,177495 | 0,852786 | 0,817101 | 0,486141 | 0,764501 |
| 86 | 1,879228 | 1,622607 | 1,396445 | 1,05089 | 1,065397 | 1,241497 | 0,694908 | 0,889171 |
| 87 | 1,879228 | 1,622607 | 1,396445 | 1,05089 | 1,065397 | 1,241497 | 0,694908 | 0,889171 |
| 88 | 1,879228 | 1,622607 | 1,396445 | 1,05089 | 1,065397 | 1,241497 | 0,694908 | 0,889171 |
| 89 | 1,9395 | 1,363696 | 1,368178 | 1,330732 | 1,146295 | 1,43995 | 1,3178 | 1,141267 |
| 90 | 1,9395 | 1,363696 | 1,368178 | 1,330732 | 1,146295 | 1,43995 | 1,3178 | 1,141267 |
| 91 | 1,9395 | 1,363696 | 1,368178 | 1,330732 | 1,146295 | 1,43995 | 1,3178 | 1,141267 |
| 92 | 1,9395 | 1,363696 | 1,368178 | 1,330732 | 1,146295 | 1,43995 | 1,3178 | 1,141267 |
| 93 | 2,653548 | 2,221034 | 2,381782 | 2,152479 | 1,554465 | 1,44847 | 1,541461 | 1,222626 |
| 94 | 2,653548 | 2,221034 | 2,381782 | 2,152479 | 1,554465 | 1,44847 | 1,541461 | 1,222626 |
| 95 | 2,653548 | 2,221034 | 2,381782 | 2,152479 | 1,554465 | 1,44847 | 1,541461 | 1,222626 |
| 96 | 0,989568 | 0,820675 | 0,647974 | -0,00486 | 0,789652 | -0,22323 | 0,094412 | 0,361001 |
| 97 | 0,989568 | 0,820675 | 0,647974 | -0,00486 | 0,789652 | -0,22323 | 0,094412 | 0,361001 |
| 98 | 1,386182 | 0,76609 | 1,496719 | 0,227971 | 1,826134 | 1,186633 | 1,228904 | 0,644337 |
| 99 | -0,19433 | -0,21634 | -0,57798 | -0,04825 | -0,36378 | -0,69321 | -0,61906 | -0,60857 |
| 100 | -0,19433 | -0,21634 | -0,57798 | -0,04825 | -0,36378 | -0,69321 | -0,61906 | -0,60857 |
| 101 | -0,19433 | -0,21634 | -0,57798 | -0,04825 | -0,36378 | -0,69321 | -0,61906 | -0,60857 |
| 102 | -0,19433 | -0,21634 | -0,57798 | -0,04825 | -0,36378 | -0,69321 | -0,61906 | -0,60857 |
| 103 | -0,19433 | -0,21634 | -0,57798 | -0,04825 | -0,36378 | -0,69321 | -0,61906 | -0,60857 |
| 104 | -1,11906 | -1,77064 | -1,04601 | -1,15484 | -1,10378 | -0,94116 | -1,19748 | -1,08455 |
| 105 | -1,11906 | -1,77064 | -1,04601 | -1,15484 | -1,10378 | -0,94116 | -1,19748 | -1,08455 |
| 106 | -1,11906 | -1,77064 | -1,04601 | -1,15484 | -1,10378 | -0,94116 | -1,19748 | -1,08455 |
| 107 | 0,225506 | 0,151423 | -0,32108 | 0,372371 | 0,128696 | 0,157312 | -0,07725 | -0,21534 |
| 108 | 0,225506 | 0,151423 | -0,32108 | 0,372371 | 0,128696 | 0,157312 | -0,07725 | -0,21534 |
| 109 | 0,225506 | 0,151423 | -0,32108 | 0,372371 | 0,128696 | 0,157312 | -0,07725 | -0,21534 |
| 110 | 0,225506 | 0,151423 | -0,32108 | 0,372371 | 0,128696 | 0,157312 | -0,07725 | -0,21534 |
| 111 | 0,225506 | 0,151423 | -0,32108 | 0,372371 | 0,128696 | 0,157312 | -0,07725 | -0,21534 |
| 112 | -0,41753 | -0,86595 | -0,05905 | 0,028476 | -0,7248 | -0,1837 | -0,11298 | -0,87242 |
| 113 | 0,006824 | -0,40993 | -1,11368 | -0,37772 | -0,33011 | -1,14202 | 0,169821 | -0,47216 |
| 114 | -0,51621 | -0,10299 | -0,23255 | 0,12572 | -0,13776 | -0,06449 | -0,15272 | -0,99392 |
| 115 | -0,62296 | -1,16915 | -1,63766 | -1,15514 | -1,42857 | -0,81491 | -1,51074 | -1,30003 |
| 116 | -1,88005 | -1,49557 | -1,51623 | -1,42319 | -0,86205 | -1,60756 | -1,01235 | -0,8184 |
| 117 | 0,407309 | -0,33428 | -0,37088 | -0,16262 | -0,20326 | -0,06835 | -0,085 | 0,355326 |
| 118 | 0,09609 | -0,47456 | -0,50318 | -0,44032 | -0,38282 | 0,060259 | 0,020695 | 0,524338 |
| 119 | -0,71919 | -1,53489 | -1,52261 | -0,8379 | -0,80978 | -0,88851 | -0,94336 | -0,28677 |
| 120 | -0,53843 | -0,30716 | -0,48881 | -0,68929 | -0,59154 | -0,1697 | -0,08255 | -0,37387 |
| 121 | -0,30653 | -1,13114 | -1,25667 | -1,35159 | -0,85639 | -1,16489 | -1,0284 | -0,5476 |
| 122 | -0,40793 | -0,35374 | -0,28505 | -0,05797 | 0,451306 | -0,29526 | -0,26353 | -0,30966 |
| 123 | 0,353213 | 0,294889 | 0,738424 | 0,826373 | -0,01469 | 0,03442 | 0,745073 | 0,082452 |
| 124 | -1,6634 | -1,81868 | -1,41574 | -1,22393 | -1,01161 | -0,40462 | -1,47265 | -1,16663 |
| 125 | -1,56956 | -1,84807 | -1,10297 | -1,36248 | -1,1195 | -0,72015 | -1,71099 | -1,43937 |
| 126 | 0,996951 | 0,455061 | 0,961862 | 0,736008 | 0,471561 | 0,474073 | 0,319311 | 0,390126 |
| 127 | 0,996951 | 0,455061 | 0,961862 | 0,736008 | 0,471561 | 0,474073 | 0,319311 | 0,390126 |
| 128 | -1,01849 | -0,24781 | 0,241167 | -0,11995 | -0,48655 | -0,03261 | -0,03713 | 0,281695 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -1,01849 | -0,24781 | 0,241167 | -0,11995 | -0,48655 | -0,03261 | -0,03713 | 0,281695 |
| 130 | 0,609357 | 0,221607 | 1,127008 | 0,380721 | 0,457485 | 0,32399 | 0,434139 | -0,65714 |
| 131 | 0,283266 | -0,27757 | 0,083055 | -0,17508 | 0,303112 | -0,00675 | 0,196435 | -0,10552 |
| 132 | -0,33456 | -0,28338 | -0,71955 | -1,11295 | -0,79223 | -1,14808 | -1,49448 | -1,18596 |
| 133 | 1,789464 | 0,777695 | 1,705774 | 0,496381 | 1,157184 | 0,500223 | 0,595468 | 0,638276 |
| 134 | 0,974223 | 0,693139 | 1,995065 | 2,152874 | 1,713356 | 2,236073 | 2,14312 | 2,1575 |
| 135 | 0,558687 | 0,722398 | 0,297274 | 0,711855 | 1,113799 | 0,893488 | 1,2553 | 0,006092 |
| 136 | 1,172741 | 1,112615 | 0,760608 | 1,390223 | 1,139346 | 1,663925 | 0,972821 | 1,229224 |
| 137 | 2,726274 | 2,103186 | 2,343666 | 2,062015 | 1,386064 | 0,983577 | 0,842033 | 1,100775 |
| 138 | 3,369809 | 3,195381 | 3,375631 | 2,677854 | 1,920686 | 2,975591 | 2,616436 | 2,536811 |
| 139 | -4,35039 | -3,62385 | -3,02754 | -3,13641 | -2,26228 | -1,81688 | -1,1132 | -1,10263 |
| 140 | -6,57587 | -6,01695 | -5,43412 | -5,04913 | -4,76757 | -4,50853 | -4,27665 | -4,29907 |
| 141 | -0,37449 | 0,149712 | 0,781328 | 1,411768 | 1,602154 | 0,695905 | 1,289385 | 1,664457 |
| 142 | -3,99001 | -3,6406 | -2,83726 | -2,08648 | -1,36305 | -1,25758 | -1,47869 | -0,54605 |
| 143 | -2,73823 | -2,33905 | -2,19479 | -1,54191 | -1,03727 | -0,15212 | -0,11696 | 0,036057 |
| 144 | -6,65313 | -6,25258 | -5,47473 | -4,69667 | -4,21165 | -4,36796 | -3,2081 | -2,59998 |
| 145 | -3,37863 | -3,37021 | -3,56239 | -3,26009 | -1,64308 | -0,68764 | -0,52522 | 0,051147 |
| 146 | -7,60568 | -7,39035 | -7,27244 | -7,13395 | -7,11339 | -6,4837 | -5,83001 | -6,13463 |
| 147 | -0,50063 | -0,74001 | -0,10068 | -0,6143 | -0,02932 | 0,017873 | -0,3561 | -0,07796 |
| 148 | -0,87014 | -0,07685 | -0,1247 | -0,19152 | -0,25152 | -0,58982 | -0,51663 | 0,024841 |
| 149 | -0,87014 | -0,07685 | -0,1247 | -0,19152 | -0,25152 | -0,58982 | -0,51663 | 0,024841 |
| 150 | -0,87014 | -0,07685 | -0,1247 | -0,19152 | -0,25152 | -0,58982 | -0,51663 | 0,024841 |
| 151 | -0,40568 | -0,09805 | -0,61375 | -0,77668 | -0,12771 | -0,5038 | -0,20306 | -0,20645 |
| 152 | 0,458227 | 0,294923 | -0,56989 | -0,14707 | -0,64893 | 0,317068 | 0,067969 | 0,297708 |
| 153 | -0,81847 | -0,15107 | -0,23054 | -0,20097 | 0,534976 | -0,40974 | 0,013547 | -0,36911 |
| 154 | -0,43562 | -0,23887 | -0,51369 | -0,36907 | -0,30052 | -0,40238 | -0,12629 | -0,06429 |
| 155 | -0,43562 | -0,23887 | -0,51369 | -0,36907 | -0,30052 | -0,40238 | -0,12629 | -0,06429 |
| 156 | -0,43562 | -0,23887 | -0,51369 | -0,36907 | -0,30052 | -0,40238 | -0,12629 | -0,06429 |
| 157 | -0,43562 | -0,23887 | -0,51369 | -0,36907 | -0,30052 | -0,40238 | -0,12629 | -0,06429 |
| 158 | -0,43562 | -0,23887 | -0,51369 | -0,36907 | -0,30052 | -0,40238 | -0,12629 | -0,06429 |
| 159 | 0,397223 | 0,932263 | 0,627958 | 0,461911 | 0,483495 | 0,090034 | 0,289774 | 0,41557 |
| 160 | 0,397223 | 0,932263 | 0,627958 | 0,461911 | 0,483495 | 0,090034 | 0,289774 | 0,41557 |
| 161 | 0,397223 | 0,932263 | 0,627958 | 0,461911 | 0,483495 | 0,090034 | 0,289774 | 0,41557 |
| 162 | 0,81986 | 0,942544 | 0,760853 | 0,171901 | 0,995237 | 0,508164 | 0,699225 | 0,820769 |
| 163 | 0,81986 | 0,942544 | 0,760853 | 0,171901 | 0,995237 | 0,508164 | 0,699225 | 0,820769 |
| 164 | -0,68284 | -0,16689 | 0,275234 | -0,15535 | -0,06063 | -0,50198 | -1,14837 | 0,010142 |
| 165 | 0,570523 | 0,73881 | -0,20397 | 0,109475 | -0,6101 | 0,093317 | -0,3988 | 0,075441 |
| 166 | 0,570523 | 0,73881 | -0,20397 | 0,109475 | -0,6101 | 0,093317 | -0,3988 | 0,075441 |
| 167 | -0,00446 | 0,076936 | -0,55435 | -0,5817 | -0,22894 | 0,085911 | -0,47332 | -0,40086 |
| 168 | -0,00446 | 0,076936 | -0,55435 | -0,5817 | -0,22894 | 0,085911 | -0,47332 | -0,40086 |
| 169 | 0,186717 | 0,155672 | 0,210089 | 0,843566 | 0,296282 | 0,352619 | -0,05254 | -0,07191 |
| 170 | 0,186717 | 0,155672 | 0,210089 | 0,843566 | 0,296282 | 0,352619 | -0,05254 | -0,07191 |
| 171 | 0,186717 | 0,155672 | 0,210089 | 0,843566 | 0,296282 | 0,352619 | -0,05254 | -0,07191 |
| 172 | 1,236908 | 0,544457 | 0,642289 | 0,502828 | 0,647312 | 0,204423 | 0,560038 | 0,69553 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | -1,50561 | -1,39316 | -1,5988 | -1,4379 | -1,32442 | -1,313 | -1,61283 | -1,28097 |
| 174 | -0,13173 | -0,10103 | 0,03473 | 0,363787 | 0,217141 | -0,23069 | -0,59823 | -1,29418 |
| 175 | 2,423111 | 1,588237 | 1,150556 | 0,915999 | 1,033392 | 0,339873 | 0,458847 | 0,545896 |
| 176 | 1,068615 | 1,11928 | 0,37381 | 0,654218 | -0,33268 | -0,24985 | 0,067301 | -0,13817 |
| 177 | 0,505293 | 0,898104 | 1,141548 | 0,141519 | 0,913401 | 0,765194 | 0,32198 | 0,420886 |
| 178 | 0,529639 | 0,340736 | 0,888306 | 0,065143 | 0,592456 | 0,513867 | 0,266593 | -0,55721 |
| 179 | -0,40718 | -0,23088 | 0,272981 | -0,70289 | -0,40151 | -0,47782 | 0,058098 | -0,63619 |
| 180 | 0,517515 | 0,459097 | -0,14428 | 0,639179 | 0,1296 | -0,19272 | 0,713962 | 0,329713 |
| 181 | 0,517515 | 0,459097 | -0,14428 | 0,639179 | 0,1296 | -0,19272 | 0,713962 | 0,329713 |
| 182 | -0,01541 | 0,558279 | 0,980886 | 0,766125 | 0,629397 | -0,64646 | 0,101457 | 0,530331 |
| 183 | 0,831218 | -0,00338 | 0,247619 | 0,349132 | 1,103356 | 0,945409 | 0,668111 | 0,368986 |
| 184 | -1,45713 | -2,13008 | -1,89021 | -1,39559 | -1,87057 | -2,37813 | -2,19576 | -1,25332 |
| 185 | -0,19217 | -0,45368 | -0,43203 | -0,43288 | -0,89607 | -0,94096 | -1,13991 | -1,12911 |
| 186 | -0,19217 | -0,45368 | -0,43203 | -0,43288 | -0,89607 | -0,94096 | -1,13991 | -1,12911 |
| 187 | 1,959901 | 1,830019 | 1,347021 | 1,47224 | 1,4089 | 1,608726 | 1,240119 | 1,543676 |
| 188 | 1,959901 | 1,830019 | 1,347021 | 1,47224 | 1,4089 | 1,608726 | 1,240119 | 1,543676 |
| 189 | 1,095909 | 0,539515 | 0,51892 | 0,741687 | 0,358307 | 0,02489 | 0,241118 | 0,191409 |
| 190 | 1,300226 | 1,437866 | 1,363886 | 1,163554 | 1,388426 | 1,395879 | 0,987133 | 1,395879 |
| 191 | 1,300226 | 1,437866 | 1,363886 | 1,163554 | 1,388426 | 1,395879 | 0,987133 | 1,395879 |
| 192 | 1,300226 | 1,437866 | 1,363886 | 1,163554 | 1,388426 | 1,395879 | 0,987133 | 1,395879 |
| 193 | 0,390717 | 0,228385 | 0,948445 | 0,814832 | 0,660079 | 0,641464 | 0,644808 | 0,745703 |
| 194 | 0,390717 | 0,228385 | 0,948445 | 0,814832 | 0,660079 | 0,641464 | 0,644808 | 0,745703 |
| 195 | 0,390717 | 0,228385 | 0,948445 | 0,814832 | 0,660079 | 0,641464 | 0,644808 | 0,745703 |
| 196 | -0,61021 | -0,43214 | -0,27312 | -0,19175 | -0,23191 | -0,22461 | -0,31752 | -0,18026 |
| 197 | -0,61021 | -0,43214 | -0,27312 | -0,19175 | -0,23191 | -0,22461 | -0,31752 | -0,18026 |
| 198 | 1,011549 | 1,460179 | 1,055264 | 0,705771 | 0,75619 | 1,225671 | 0,899721 | 0,432928 |
| 199 | 1,011549 | 1,460179 | 1,055264 | 0,705771 | 0,75619 | 1,225671 | 0,899721 | 0,432928 |
| 200 | 1,011549 | 1,460179 | 1,055264 | 0,705771 | 0,75619 | 1,225671 | 0,899721 | 0,432928 |
| 201 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 202 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 203 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 204 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 205 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 206 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 207 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 208 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 209 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 210 | 1,106838 | 1,262438 | 0,993947 | 0,957341 | 0,984133 | 1,08507 | 1,470654 | 1,250149 |
| 211 | 1,106838 | 1,262438 | 0,993947 | 0,957341 | 0,984133 | 1,08507 | 1,470654 | 1,250149 |
| 212 | 1,106838 | 1,262438 | 0,993947 | 0,957341 | 0,984133 | 1,08507 | 1,470654 | 1,250149 |
| 213 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 214 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 215 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 216 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 218 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 219 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 220 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 221 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 222 | 0,368918 | 0,418855 | 0,226892 | 0,283087 | 0,108008 | -0,00961 | 0,080892 | 0,643056 |
| 223 | 0,368918 | 0,418855 | 0,226892 | 0,283087 | 0,108008 | -0,00961 | 0,080892 | 0,643056 |
| 224 | 1,876824 | 2,052838 | 1,967837 | 1,95856 | 1,479632 | 1,66486 | 1,898188 | 1,757331 |
| 225 | 1,659056 | 1,182901 | 1,446743 | 0,944716 | 1,125587 | -0,00337 | 0,655513 | 0,821335 |
| 226 | 0,903162 | 0,734833 | 1,247373 | 0,913503 | 0,733311 | 0,876879 | 0,504671 | 0,86944 |
| 227 | 0,903162 | 0,734833 | 1,247373 | 0,913503 | 0,733311 | 0,876879 | 0,504671 | 0,86944 |
| 228 | 1,959901 | 1,830019 | 1,347021 | 1,47224 | 1,4089 | 1,608726 | 1,240119 | 1,543676 |
| 229 | 1,095909 | 0,539515 | 0,51892 | 0,741687 | 0,358307 | 0,02489 | 0,241118 | 0,191409 |
| 230 | 1,876824 | 2,052838 | 1,967837 | 1,95856 | 1,479632 | 1,66486 | 1,898188 | 1,757331 |
| 231 | 0,815226 | 1,08337 | 0,735161 | 0,957513 | 0,680825 | 0,623928 | 0,624898 | 0,709904 |
| 232 | 0,815226 | 1,08337 | 0,735161 | 0,957513 | 0,680825 | 0,623928 | 0,624898 | 0,709904 |
| 233 | 0,815226 | 1,08337 | 0,735161 | 0,957513 | 0,680825 | 0,623928 | 0,624898 | 0,709904 |
| 234 | 0,815226 | 1,08337 | 0,735161 | 0,957513 | 0,680825 | 0,623928 | 0,624898 | 0,709904 |
| 235 | 0,75106 | 1,525205 | 1,573301 | 0,786545 | 1,103244 | 1,58305 | 1,182279 | 1,332914 |
| 236 | 0,75106 | 1,525205 | 1,573301 | 0,786545 | 1,103244 | 1,58305 | 1,182279 | 1,332914 |
| 237 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 238 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 239 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 240 | 1,106838 | 1,262438 | 0,993947 | 0,957341 | 0,984133 | 1,08507 | 1,470654 | 1,250149 |
| 241 | 1,106838 | 1,262438 | 0,993947 | 0,957341 | 0,984133 | 1,08507 | 1,470654 | 1,250149 |
| 242 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 243 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 244 | -0,30541 | -0,14561 | -0,04275 | -0,1475 | -0,13865 | -0,25675 | -0,27346 | -0,05869 |
| 245 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |
| 246 | -0,61021 | -0,43214 | -0,27312 | -0,19175 | -0,23191 | -0,22461 | -0,31752 | -0,18026 |
| 247 | -0,61021 | -0,43214 | -0,27312 | -0,19175 | -0,23191 | -0,22461 | -0,31752 | -0,18026 |
| 248 | -0,61021 | -0,43214 | -0,27312 | -0,19175 | -0,23191 | -0,22461 | -0,31752 | -0,18026 |
| 249 | -0,61021 | -0,43214 | -0,27312 | -0,19175 | -0,23191 | -0,22461 | -0,31752 | -0,18026 |
| 250 | 2,684228 | 2,782386 | 2,632376 | 1,880261 | 1,728235 | 1,405892 | 1,500249 | 1,058244 |
| 251 | 2,684228 | 2,782386 | 2,632376 | 1,880261 | 1,728235 | 1,405892 | 1,500249 | 1,058244 |
| 252 | 2,684228 | 2,782386 | 2,632376 | 1,880261 | 1,728235 | 1,405892 | 1,500249 | 1,058244 |
| 253 | 5,21682 | 4,69367 | 3,764307 | 4,675238 | 3,436669 | 4,333045 | 3,611389 | 2,818436 |
| 254 | 1,876824 | 2,052838 | 1,967837 | 1,95856 | 1,479632 | 1,66486 | 1,898188 | 1,757331 |
| 255 | 1,876824 | 2,052838 | 1,967837 | 1,95856 | 1,479632 | 1,66486 | 1,898188 | 1,757331 |
| 256 | 1,876824 | 2,052838 | 1,967837 | 1,95856 | 1,479632 | 1,66486 | 1,898188 | 1,757331 |
| 257 | -0,1552 | -0,26744 | -0,27976 | -0,21521 | -0,1736 | -0,21505 | -0,19701 | -0,24899 |

Tablica D1 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 1.905 | 2.089 | 2.291 | 2.512 | 2.754 | 3.020 | 3.311 | 3.631 |
| 1 | -0,26568 | 0,136563 | -0,00287 | 0,23468 | -0,72729 | -0,44195 | 0,334959 | -0,08101 |
| 2 | 0,151049 | 0,837885 | 0,097743 | 0,037605 | 0,493224 | 0,344157 | 0,387178 | 0,244225 |
| 3 | 1,959472 | 1,616601 | 1,814696 | 1,369761 | 1,252299 | 1,143508 | 0,977862 | 0,83586 |
| 4 | 0,065157 | 0,339126 | 0,225889 | 0,256355 | -0,50476 | -0,0147 | 0,035278 | -0,05164 |
| 5 | 0,769118 | 0,954716 | -0,14867 | 0,413561 | -0,21607 | -0,41427 | -1,19238 | 0,525041 |
| 6 | 1,818115 | 1,446699 | 1,847707 | 1,736629 | 2,069113 | 1,471337 | 2,516183 | 2,437183 |
| 7 | 0,734249 | 0,842692 | 2,091607 | 2,283091 | 2,399302 | 1,972488 | 1,518295 | 0,887995 |
| 8 | 1,355192 | 1,596781 | 2,112715 | 2,262773 | 2,45493 | 2,069835 | 2,073258 | 1,321241 |
| 9 | 2,369299 | 2,486086 | 2,996673 | 3,151878 | 3,622759 | 3,403974 | 2,576225 | 1,99304 |
| 10 | 0,909489 | 0,910532 | 1,073162 | 0,344878 | 1,169975 | 0,329349 | 0,288737 | 0,132972 |
| 11 | 2,925213 | 3,031432 | 3,440872 | 3,254193 | 1,981947 | 2,044877 | 1,730831 | 1,823698 |
| 12 | -2,04422 | -1,3798 | -0,71469 | 0,140696 | 0,131343 | 0,642073 | 0,475622 | -0,3425 |
| 13 | -1,16084 | -1,17148 | -1,2624 | -0,95638 | -0,85518 | -1,13139 | -0,93042 | -1,09415 |
| 14 | -1,16084 | -1,17148 | -1,2624 | -0,95638 | -0,85518 | -1,13139 | -0,93042 | -1,09415 |
| 15 | 4,364688 | 3,709245 | 3,911742 | 3,265802 | 3,837184 | 3,60704 | 4,08011 | 3,879405 |
| 16 | 4,364688 | 3,709245 | 3,911742 | 3,265802 | 3,837184 | 3,60704 | 4,08011 | 3,879405 |
| 17 | -2,20104 | -2,20004 | -2,32993 | -2,0762 | -2,01792 | -1,78997 | -1,57506 | -1,48703 |
| 18 | -2,20104 | -2,20004 | -2,32993 | -2,0762 | -2,01792 | -1,78997 | -1,57506 | -1,48703 |
| 19 | -2,20104 | -2,20004 | -2,32993 | -2,0762 | -2,01792 | -1,78997 | -1,57506 | -1,48703 |
| 20 | -2,20104 | -2,20004 | -2,32993 | -2,0762 | -2,01792 | -1,78997 | -1,57506 | -1,48703 |
| 21 | -0,76903 | -0,17701 | 0,3342 | 0,971838 | 1,507421 | 1,134844 | 0,188505 | 0,585164 |
| 22 | -0,9267 | -1,52318 | -1,43577 | -1,32997 | -1,19626 | -1,41389 | -1,91432 | -1,88394 |
| 23 | -0,9267 | -1,52318 | -1,43577 | -1,32997 | -1,19626 | -1,41389 | -1,91432 | -1,88394 |
| 24 | -0,9267 | -1,52318 | -1,43577 | -1,32997 | -1,19626 | -1,41389 | -1,91432 | -1,88394 |
| 25 | -0,9267 | -1,52318 | -1,43577 | -1,32997 | -1,19626 | -1,41389 | -1,91432 | -1,88394 |
| 26 | 0,255012 | -0,05892 | -0,36264 | -0,27033 | -0,48917 | -0,42414 | -1,00161 | -0,76795 |
| 27 | -0,70367 | -0,32355 | -1,0896 | -0,17582 | -0,46445 | -0,41638 | -0,71447 | -0,77047 |
| 28 | -1,1443 | -0,72609 | -0,97199 | -1,20771 | 0,062556 | 0,210748 | -0,2774 | -0,50549 |
| 29 | -1,94978 | -0,93275 | -0,85332 | -1,17367 | -0,60494 | -0,30685 | -0,58082 | -1,07364 |
| 30 | -1,94978 | -0,93275 | -0,85332 | -1,17367 | -0,60494 | -0,30685 | -0,58082 | -1,07364 |
| 31 | -1,94978 | -0,93275 | -0,85332 | -1,17367 | -0,60494 | -0,30685 | -0,58082 | -1,07364 |
| 32 | -0,61781 | -0,50608 | -0,08432 | -0,05401 | -0,1325 | -0,91904 | -1,18894 | -1,1252 |
| 33 | 2,437024 | 0,983597 | 1,493675 | 1,073132 | 1,540737 | 1,542124 | 0,745045 | 0,521547 |
| 34 | -1,06744 | -0,8245 | 0,029346 | -0,57683 | -0,22419 | 0,037518 | -0,09793 | -1,70968 |
| 35 | -0,72561 | -1,46275 | -1,06749 | -0,82845 | 0,519061 | -0,10193 | 0,460935 | 0,69481 |
| 36 | -0,72561 | -1,46275 | -1,06749 | -0,82845 | 0,519061 | -0,10193 | 0,460935 | 0,69481 |
| 37 | -1,17099 | -2,02622 | -2,35505 | -1,50177 | -2,34472 | -2,27984 | -1,98447 | -1,15328 |
| 38 | 0,333983 | -0,47909 | 0,186984 | 0,01386 | -0,22573 | -0,41916 | -0,26344 | 0,17913 |
| 39 | 0,333983 | -0,47909 | 0,186984 | 0,01386 | -0,22573 | -0,41916 | -0,26344 | 0,17913 |
| 40 | 1,493847 | 1,862942 | 1,94608 | 1,735514 | 1,835416 | 2,092219 | 1,541526 | 0,675046 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 1,501625 | 1,177086 | 1,156674 | 1,178271 | 0,93794 | 0,768346 | 1,026807 | 0,936201 |
| 42 | 1,501625 | 1,177086 | 1,156674 | 1,178271 | 0,93794 | 0,768346 | 1,026807 | 0,936201 |
| 43 | 1,501625 | 1,177086 | 1,156674 | 1,178271 | 0,93794 | 0,768346 | 1,026807 | 0,936201 |
| 44 | 0,886778 | 0,89422 | 0,420195 | -0,33875 | 0,976623 | 0,854098 | 0,409971 | 0,464296 |
| 45 | 0,406264 | 0,906297 | 1,262869 | 1,786713 | 1,857094 | 1,882316 | 2,30093 | 1,479007 |
| 46 | 1,853073 | 1,904308 | 0,899451 | 1,072748 | 1,90155 | 1,308543 | 2,54398 | 1,931337 |
| 47 | 1,132506 | 0,909597 | 0,98719 | 0,542357 | 0,373422 | 0,934283 | 1,097035 | 1,769806 |
| 48 | 2,741106 | 2,525278 | 2,877172 | 2,603205 | 2,734977 | 2,587687 | 3,012108 | 2,052694 |
| 49 | 0,46336 | 0,604855 | 0,891391 | 1,25565 | 0,52697 | 0,757513 | 0,694817 | -0,26535 |
| 50 | 0,46336 | 0,604855 | 0,891391 | 1,25565 | 0,52697 | 0,757513 | 0,694817 | -0,26535 |
| 51 | 0,021337 | -0,16901 | 0,407924 | 0,356815 | 0,650038 | 0,588248 | 0,854491 | 0,704596 |
| 52 | 0,021337 | -0,16901 | 0,407924 | 0,356815 | 0,650038 | 0,588248 | 0,854491 | 0,704596 |
| 53 | -0,5977 | -0,01706 | -0,55329 | 0,791594 | -0,40636 | -0,14245 | 0,373305 | 0,440649 |
| 54 | -0,48033 | -0,26453 | -0,86619 | -0,68671 | -0,78777 | -0,64174 | -0,6034 | -0,79707 |
| 55 | 0,271162 | 0,470938 | 1,154377 | 1,482286 | 1,102343 | 1,591982 | 1,600295 | 1,470255 |
| 56 | -0,07949 | 0,669496 | 0,41148 | 0,818244 | 1,135814 | 1,376342 | 0,527473 | 0,682974 |
| 57 | 1,092144 | 1,200878 | 1,006241 | 1,073922 | 0,602355 | 0,517305 | 0,805287 | 1,06159 |
| 58 | 1,079648 | 1,105742 | 1,049424 | 1,332301 | 0,847819 | 0,759332 | 1,314025 | 1,089891 |
| 59 | 0,965387 | 0,723658 | 0,485156 | -0,11375 | 0,041933 | -0,14013 | -0,42763 | 0,320236 |
| 60 | 1,499575 | 1,24876 | 1,316822 | 1,907482 | 0,838148 | 0,486144 | -0,6123 | 0,344026 |
| 61 | -2,33713 | -1,7802 | -1,70677 | -1,54398 | -2,04431 | -1,87979 | -2,03986 | -2,4196 |
| 62 | -4,14708 | -3,67063 | -3,44525 | -3,46746 | -3,87594 | -4,08708 | -4,15987 | -3,51928 |
| 63 | -4,14885 | -4,42367 | -3,92457 | -4,59033 | -4,25521 | -4,08135 | -3,95603 | -4,61995 |
| 64 | -4,14885 | -4,42367 | -3,92457 | -4,59033 | -4,25521 | -4,08135 | -3,95603 | -4,61995 |
| 65 | -1,53669 | -1,71855 | -1,95911 | -1,89653 | -2,16003 | -2,1635 | -2,68443 | -2,85462 |
| 66 | -0,03493 | 0,03761 | -0,36024 | 0,079661 | -0,32659 | -0,12944 | -0,40135 | -0,30976 |
| 67 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 68 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 69 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 70 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 71 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 72 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 73 | -1,57748 | -2,34089 | -2,05498 | -1,91803 | -1,94165 | -2,1714 | -2,03092 | -1,99131 |
| 74 | -1,57748 | -2,34089 | -2,05498 | -1,91803 | -1,94165 | -2,1714 | -2,03092 | -1,99131 |
| 75 | -1,57748 | -2,34089 | -2,05498 | -1,91803 | -1,94165 | -2,1714 | -2,03092 | -1,99131 |
| 76 | -1,57748 | -2,34089 | -2,05498 | -1,91803 | -1,94165 | -2,1714 | -2,03092 | -1,99131 |
| 77 | -1,81378 | -1,23775 | -1,17945 | -1,12322 | -1,63366 | -1,70154 | -1,47832 | -0,75368 |
| 78 | -1,81378 | -1,23775 | -1,17945 | -1,12322 | -1,63366 | -1,70154 | -1,47832 | -0,75368 |
| 79 | -1,81378 | -1,23775 | -1,17945 | -1,12322 | -1,63366 | -1,70154 | -1,47832 | -0,75368 |
| 80 | -1,81378 | -1,23775 | -1,17945 | -1,12322 | -1,63366 | -1,70154 | -1,47832 | -0,75368 |
| 81 | -0,30397 | -0,23827 | -0,64436 | -0,74228 | -0,70952 | -0,81136 | -0,46388 | -1,11462 |
| 82 | -0,30397 | -0,23827 | -0,64436 | -0,74228 | -0,70952 | -0,81136 | -0,46388 | -1,11462 |
| 83 | -0,30397 | -0,23827 | -0,64436 | -0,74228 | -0,70952 | -0,81136 | -0,46388 | -1,11462 |
| 84 | -1,20054 | -0,948 | -1,38778 | -1,32411 | -1,16009 | -2,10793 | -1,70716 | -1,64033 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 1,03065 | 0,748529 | 1,170228 | 0,979704 | 0,756658 | 0,497811 | 0,581156 | 1,415652 |
| 86 | 0,831685 | 0,56479 | 0,725255 | 0,838261 | 0,813445 | 0,590098 | 0,655096 | 0,792419 |
| 87 | 0,831685 | 0,56479 | 0,725255 | 0,838261 | 0,813445 | 0,590098 | 0,655096 | 0,792419 |
| 88 | 0,831685 | 0,56479 | 0,725255 | 0,838261 | 0,813445 | 0,590098 | 0,655096 | 0,792419 |
| 89 | 0,979387 | 1,414731 | 1,234328 | 1,546845 | 1,480706 | 1,418118 | 1,439929 | 1,571485 |
| 90 | 0,979387 | 1,414731 | 1,234328 | 1,546845 | 1,480706 | 1,418118 | 1,439929 | 1,571485 |
| 91 | 0,979387 | 1,414731 | 1,234328 | 1,546845 | 1,480706 | 1,418118 | 1,439929 | 1,571485 |
| 92 | 0,979387 | 1,414731 | 1,234328 | 1,546845 | 1,480706 | 1,418118 | 1,439929 | 1,571485 |
| 93 | 1,258961 | 1,095801 | 0,664009 | 0,544252 | 0,545686 | 0,631863 | 1,016697 | 1,048944 |
| 94 | 1,258961 | 1,095801 | 0,664009 | 0,544252 | 0,545686 | 0,631863 | 1,016697 | 1,048944 |
| 95 | 1,258961 | 1,095801 | 0,664009 | 0,544252 | 0,545686 | 0,631863 | 1,016697 | 1,048944 |
| 96 | 0,259584 | 0,180079 | -1,30468 | -0,82115 | -0,70511 | -0,6194 | -0,85362 | -1,53359 |
| 97 | 0,259584 | 0,180079 | -1,30468 | -0,82115 | -0,70511 | -0,6194 | -0,85362 | -1,53359 |
| 98 | 0,889857 | 1,767832 | 1,311137 | 1,364558 | 1,06819 | 0,263774 | 1,273066 | 1,466728 |
| 99 | -0,48033 | -0,26453 | -0,86619 | -0,68671 | -0,78777 | -0,64174 | -0,6034 | -0,79707 |
| 100 | -0,48033 | -0,26453 | -0,86619 | -0,68671 | -0,78777 | -0,64174 | -0,6034 | -0,79707 |
| 101 | -0,48033 | -0,26453 | -0,86619 | -0,68671 | -0,78777 | -0,64174 | -0,6034 | -0,79707 |
| 102 | -0,48033 | -0,26453 | -0,86619 | -0,68671 | -0,78777 | -0,64174 | -0,6034 | -0,79707 |
| 103 | -0,48033 | -0,26453 | -0,86619 | -0,68671 | -0,78777 | -0,64174 | -0,6034 | -0,79707 |
| 104 | -1,25372 | -1,11918 | -1,1721 | -1,40439 | -1,40395 | -1,30658 | -1,57088 | -1,36931 |
| 105 | -1,25372 | -1,11918 | -1,1721 | -1,40439 | -1,40395 | -1,30658 | -1,57088 | -1,36931 |
| 106 | -1,25372 | -1,11918 | -1,1721 | -1,40439 | -1,40395 | -1,30658 | -1,57088 | -1,36931 |
| 107 | 0,059048 | -0,01263 | -0,10167 | -0,31926 | 0,039616 | 0,180624 | -0,127 | 0,09181 |
| 108 | 0,059048 | -0,01263 | -0,10167 | -0,31926 | 0,039616 | 0,180624 | -0,127 | 0,09181 |
| 109 | 0,059048 | -0,01263 | -0,10167 | -0,31926 | 0,039616 | 0,180624 | -0,127 | 0,09181 |
| 110 | 0,059048 | -0,01263 | -0,10167 | -0,31926 | 0,039616 | 0,180624 | -0,127 | 0,09181 |
| 111 | 0,059048 | -0,01263 | -0,10167 | -0,31926 | 0,039616 | 0,180624 | -0,127 | 0,09181 |
| 112 | -1,28794 | -0,71544 | -0,88596 | -1,19715 | -0,74411 | -0,69622 | -1,46036 | -1,38649 |
| 113 | -0,55607 | -1,51374 | -1,3998 | -0,62138 | -0,9917 | -0,28609 | -1,32693 | -1,65428 |
| 114 | -0,62816 | -0,40678 | -0,75217 | 0,021676 | -0,38342 | -0,74622 | -0,70538 | -1,23194 |
| 115 | -0,46227 | -1,35604 | -0,62889 | -0,77954 | -1,07515 | -1,17022 | -0,3891 | -0,83691 |
| 116 | -1,23205 | -1,51337 | -1,0845 | -1,05732 | -0,63511 | -0,99936 | -0,88879 | -1,31783 |
| 117 | -0,33974 | 0,233906 | -0,24687 | 0,551018 | -0,19841 | 0,050146 | -0,41007 | 0,292642 |
| 118 | 0,165519 | -0,79082 | 0,073214 | -1,41479 | -0,63047 | -0,70392 | -0,86457 | -0,09023 |
| 119 | -0,06062 | -0,44808 | -0,59509 | -0,90041 | -0,40172 | -0,41414 | -0,25699 | -1,21319 |
| 120 | -0,4667 | -0,55558 | -0,38194 | -0,55598 | -0,83373 | -0,83172 | -0,69565 | -1,23348 |
| 121 | -0,78721 | -0,70248 | -0,95156 | -0,23372 | -0,74975 | -0,5853 | -0,99598 | -0,30544 |
| 122 | -0,20952 | -0,44131 | 0,056191 | -0,32865 | -0,06767 | -0,57181 | -0,61156 | -0,52936 |
| 123 | 0,68549 | -0,09087 | 0,21703 | 0,33548 | 0,404928 | 0,37693 | 0,25489 | 0,175667 |
| 124 | -0,98578 | -1,82796 | -1,18026 | -1,61723 | -0,85514 | -1,3381 | -1,26978 | -0,98751 |
| 125 | -0,97677 | -0,6365 | -1,16707 | -1,00985 | -0,54326 | -0,62486 | -0,7778 | -1,11086 |
| 126 | 0,371345 | 0,556283 | 0,180923 | -0,21569 | 0,260571 | 0,227824 | -0,23133 | 0,415597 |
| 127 | 0,371345 | 0,556283 | 0,180923 | -0,21569 | 0,260571 | 0,227824 | -0,23133 | 0,415597 |
| 128 | -0,29903 | -0,28718 | -0,3931 | -0,46244 | -0,75732 | -0,48336 | -0,87524 | -1,1486 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -0,29903 | -0,28718 | -0,3931 | -0,46244 | -0,75732 | -0,48336 | -0,87524 | -1,1486 |
| 130 | -0,08316 | 0,2005 | -1,38161 | -0,90879 | -0,75042 | -0,53266 | -0,84307 | -0,96775 |
| 131 | -1,23132 | -0,43763 | 0,472891 | -0,20753 | -0,72841 | 0,148791 | -0,83234 | -0,81478 |
| 132 | -1,74612 | -0,71372 | -1,40124 | -1,66966 | -1,50848 | -1,31439 | -1,96679 | -2,11384 |
| 133 | 0,637181 | 0,725343 | 0,772801 | 0,448319 | 0,235293 | -0,33966 | 0,181173 | 0,156896 |
| 134 | 1,401272 | 2,455764 | 1,932922 | 2,071443 | 1,768968 | 1,082607 | 2,64067 | 1,786915 |
| 135 | 0,918504 | 0,17819 | 0,579763 | -0,3713 | 0,574258 | 0,526934 | 0,811807 | 0,854658 |
| 136 | 0,738321 | 1,16406 | 0,970672 | 0,760037 | 0,450264 | 0,981527 | 1,294673 | 1,305876 |
| 137 | 1,529577 | 0,956631 | 0,621005 | 0,907927 | -0,26228 | 0,441114 | 0,533008 | 0,15634 |
| 138 | 2,285578 | 2,154187 | 1,601013 | 1,56756 | 1,47642 | 0,806602 | -0,06178 | 0,096687 |
| 139 | -1,29684 | -0,50341 | -0,65755 | -1,08788 | -1,81777 | -0,15003 | -0,66932 | -0,481 |
| 140 | -3,44937 | -2,01391 | -1,6661 | -2,21019 | -2,25712 | -2,27985 | -1,98132 | -1,7063 |
| 141 | 2,135717 | 2,015267 | 1,951595 | 2,193986 | 2,414779 | 2,604177 | 2,612179 | 2,481399 |
| 142 | 0,024733 | -0,09564 | 0,84759 | 0,692498 | 0,057774 | 0,843462 | 0,627659 | 1,034475 |
| 143 | 0,015932 | 0,628366 | 0,503446 | 0,883621 | 0,164957 | 0,36337 | 0,838935 | 0,524894 |
| 144 | -2,63742 | -2,64197 | -1,49884 | -1,01693 | -1,12476 | -1,48853 | 0,123904 | -0,20529 |
| 145 | 0,388436 | 0,666367 | 1,575351 | 1,748737 | 1,746101 | 2,299531 | 1,619037 | 1,838616 |
| 146 | -5,39375 | -5,04249 | -5,48813 | -4,14627 | -3,97097 | -2,34128 | -3,04375 | -2,20024 |
| 147 | 0,175947 | -0,53589 | -0,39978 | -0,00894 | 0,042965 | -0,05609 | 0,268976 | 1,009843 |
| 148 | 0,218679 | -0,18089 | 0,336537 | 0,644566 | 0,010516 | 0,071107 | 0,462086 | 0,528698 |
| 149 | 0,218679 | -0,18089 | 0,336537 | 0,644566 | 0,010516 | 0,071107 | 0,462086 | 0,528698 |
| 150 | 0,218679 | -0,18089 | 0,336537 | 0,644566 | 0,010516 | 0,071107 | 0,462086 | 0,528698 |
| 151 | -0,72103 | -0,0805 | 0,033624 | -0,51525 | -0,87285 | -1,08473 | -0,46578 | -1,27278 |
| 152 | -0,55489 | 0,212763 | -0,4269 | -0,35398 | -0,41608 | -0,6935 | 0,135216 | 0,518825 |
| 153 | -0,00103 | -0,47366 | 0,159222 | 0,462583 | -0,08672 | 0,066578 | 0,921865 | 0,607336 |
| 154 | 0,373973 | 0,294776 | 0,044145 | 0,234671 | 0,834716 | 1,155624 | 0,776842 | 0,555925 |
| 155 | 0,373973 | 0,294776 | 0,044145 | 0,234671 | 0,834716 | 1,155624 | 0,776842 | 0,555925 |
| 156 | 0,373973 | 0,294776 | 0,044145 | 0,234671 | 0,834716 | 1,155624 | 0,776842 | 0,555925 |
| 157 | 0,373973 | 0,294776 | 0,044145 | 0,234671 | 0,834716 | 1,155624 | 0,776842 | 0,555925 |
| 158 | 0,373973 | 0,294776 | 0,044145 | 0,234671 | 0,834716 | 1,155624 | 0,776842 | 0,555925 |
| 159 | -0,00056 | 0,334226 | -0,07795 | -0,0654 | -0,01834 | -0,06987 | -0,34832 | 0,199765 |
| 160 | -0,00056 | 0,334226 | -0,07795 | -0,0654 | -0,01834 | -0,06987 | -0,34832 | 0,199765 |
| 161 | -0,00056 | 0,334226 | -0,07795 | -0,0654 | -0,01834 | -0,06987 | -0,34832 | 0,199765 |
| 162 | 0,325469 | 0,273111 | 0,486233 | 0,303046 | -0,23934 | -0,07367 | -0,16867 | -0,45884 |
| 163 | 0,325469 | 0,273111 | 0,486233 | 0,303046 | -0,23934 | -0,07367 | -0,16867 | -0,45884 |
| 164 | -0,10413 | -0,19865 | 0,251011 | -0,00404 | 0,150604 | 0,334209 | -0,30296 | 0,226831 |
| 165 | -0,09471 | 0,057274 | 0,057831 | -0,57654 | 0,156697 | -0,28281 | -0,1669 | 0,013437 |
| 166 | -0,09471 | 0,057274 | 0,057831 | -0,57654 | 0,156697 | -0,28281 | -0,1669 | 0,013437 |
| 167 | -0,03493 | 0,03761 | -0,36024 | 0,079661 | -0,32659 | -0,12944 | -0,40135 | -0,30976 |
| 168 | -0,03493 | 0,03761 | -0,36024 | 0,079661 | -0,32659 | -0,12944 | -0,40135 | -0,30976 |
| 169 | 0,606932 | 0,493268 | 0,959536 | 0,534474 | 0,5976 | 0,795151 | 0,829384 | 1,033074 |
| 170 | 0,606932 | 0,493268 | 0,959536 | 0,534474 | 0,5976 | 0,795151 | 0,829384 | 1,033074 |
| 171 | 0,606932 | 0,493268 | 0,959536 | 0,534474 | 0,5976 | 0,795151 | 0,829384 | 1,033074 |
| 172 | 0,028313 | -0,80569 | 0,207414 | 0,554291 | 0,860826 | 0,356452 | 0,922872 | 0,281616 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | -1,54996 | -1,17687 | -0,86688 | -1,09947 | -1,1993 | -1,53984 | -0,72932 | -1,02127 |
| 174 | -0,81893 | -1,19805 | -0,83408 | -0,85003 | -0,53696 | -0,52799 | -1,43318 | -0,59207 |
| 175 | 0,497211 | 0,46995 | 0,294743 | 0,560256 | -0,16727 | 0,073224 | -0,20065 | 0,256179 |
| 176 | -0,26867 | 0,437952 | 0,102602 | -0,2936 | -0,54286 | -0,74936 | -0,66575 | -0,17105 |
| 177 | 0,689815 | 0,612762 | 0,020304 | -0,60905 | 0,328218 | 0,010518 | 0,361811 | 0,005502 |
| 178 | 0,637848 | 0,367252 | 0,065638 | -0,25933 | 0,094298 | 0,213282 | 0,401252 | 0,355116 |
| 179 | 0,075793 | -1,27893 | 0,094389 | -1,0604 | -0,20946 | 0,031754 | -0,06648 | 0,018283 |
| 180 | 0,390971 | 0,313059 | 0,036438 | 0,170144 | -0,56619 | 0,35391 | -0,20975 | 0,330707 |
| 181 | 0,390971 | 0,313059 | 0,036438 | 0,170144 | -0,56619 | 0,35391 | -0,20975 | 0,330707 |
| 182 | 0,586087 | 0,609212 | 0,869244 | 1,121699 | 0,662743 | 0,445525 | 0,781903 | 0,418638 |
| 183 | 0,183194 | -0,16226 | -0,33031 | -0,45083 | 0,190621 | -0,2583 | -0,31112 | -0,32578 |
| 184 | -1,95652 | -1,87139 | -1,52917 | -0,85313 | -0,84656 | -0,93552 | -1,3339 | -1,01595 |
| 185 | -1,60576 | -1,45892 | -1,47212 | -1,7705 | -1,37151 | -1,25685 | -1,95405 | -1,71091 |
| 186 | -1,60576 | -1,45892 | -1,47212 | -1,7705 | -1,37151 | -1,25685 | -1,95405 | -1,71091 |
| 187 | 1,634841 | 1,16357 | 1,298528 | 1,531332 | 1,069139 | 1,264862 | 1,344494 | 1,372113 |
| 188 | 1,634841 | 1,16357 | 1,298528 | 1,531332 | 1,069139 | 1,264862 | 1,344494 | 1,372113 |
| 189 | 0,04552 | 0,394455 | 0,335393 | 0,571208 | 0,561566 | 0,613233 | 0,519827 | 1,153724 |
| 190 | 1,288617 | 1,134427 | 1,241676 | 0,985334 | 1,179493 | 1,03375 | 1,126583 | 0,902296 |
| 191 | 1,288617 | 1,134427 | 1,241676 | 0,985334 | 1,179493 | 1,03375 | 1,126583 | 0,902296 |
| 192 | 1,288617 | 1,134427 | 1,241676 | 0,985334 | 1,179493 | 1,03375 | 1,126583 | 0,902296 |
| 193 | 0,816419 | 0,520413 | 0,991048 | 0,216656 | 1,159532 | 0,846041 | 1,010616 | 0,726377 |
| 194 | 0,816419 | 0,520413 | 0,991048 | 0,216656 | 1,159532 | 0,846041 | 1,010616 | 0,726377 |
| 195 | 0,816419 | 0,520413 | 0,991048 | 0,216656 | 1,159532 | 0,846041 | 1,010616 | 0,726377 |
| 196 | -0,20059 | -0,07441 | -0,10418 | 0,219221 | 0,160185 | 0,348067 | 0,199227 | 0,308784 |
| 197 | -0,20059 | -0,07441 | -0,10418 | 0,219221 | 0,160185 | 0,348067 | 0,199227 | 0,308784 |
| 198 | 0,453148 | 0,806686 | 1,001681 | 1,633689 | 0,767021 | 0,251138 | 0,908118 | 1,169934 |
| 199 | 0,453148 | 0,806686 | 1,001681 | 1,633689 | 0,767021 | 0,251138 | 0,908118 | 1,169934 |
| 200 | 0,453148 | 0,806686 | 1,001681 | 1,633689 | 0,767021 | 0,251138 | 0,908118 | 1,169934 |
| 201 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 202 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 203 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 204 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 205 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 206 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 207 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 208 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 209 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 210 | 1,294994 | 1,539593 | 1,496403 | 1,39853 | 1,142203 | 1,475362 | 1,275165 | 1,163995 |
| 211 | 1,294994 | 1,539593 | 1,496403 | 1,39853 | 1,142203 | 1,475362 | 1,275165 | 1,163995 |
| 212 | 1,294994 | 1,539593 | 1,496403 | 1,39853 | 1,142203 | 1,475362 | 1,275165 | 1,163995 |
| 213 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 214 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 215 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 216 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |

| | | | | | | | | |
|------------|-----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 218 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 219 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 220 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 221 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 222 | 0,2188888 | -0,05329 | 0,04543 | -0,05438 | -0,47886 | -0,47488 | -0,56897 | 0,138574 |
| 223 | 0,2188888 | -0,05329 | 0,04543 | -0,05438 | -0,47886 | -0,47488 | -0,56897 | 0,138574 |
| 224 | 1,58603 | 1,573935 | 1,505418 | 1,355416 | 1,423164 | 1,522383 | 1,333605 | 1,400329 |
| 225 | 1,278584 | 0,426461 | 0,328276 | 0,637292 | -0,24739 | -0,10584 | 0,648047 | 0,674502 |
| 226 | 0,437387 | 0,834069 | -0,01421 | 0,198852 | 0,116055 | 0,838975 | 0,433435 | 1,112828 |
| 227 | 0,437387 | 0,834069 | -0,01421 | 0,198852 | 0,116055 | 0,838975 | 0,433435 | 1,112828 |
| 228 | 1,634841 | 1,16357 | 1,298528 | 1,531332 | 1,069139 | 1,264862 | 1,344494 | 1,372113 |
| 229 | 0,04552 | 0,394455 | 0,335393 | 0,571208 | 0,561566 | 0,613233 | 0,519827 | 1,153724 |
| 230 | 1,58603 | 1,573935 | 1,505418 | 1,355416 | 1,423164 | 1,522383 | 1,333605 | 1,400329 |
| 231 | 0,537044 | 0,003536 | 0,005419 | -0,03315 | 0,465626 | 0,052674 | -0,26778 | -0,17245 |
| 232 | 0,537044 | 0,003536 | 0,005419 | -0,03315 | 0,465626 | 0,052674 | -0,26778 | -0,17245 |
| 233 | 0,537044 | 0,003536 | 0,005419 | -0,03315 | 0,465626 | 0,052674 | -0,26778 | -0,17245 |
| 234 | 0,537044 | 0,003536 | 0,005419 | -0,03315 | 0,465626 | 0,052674 | -0,26778 | -0,17245 |
| 235 | 1,229018 | 0,964371 | 0,867006 | 1,406511 | 1,178898 | 0,616571 | 0,961297 | 0,861287 |
| 236 | 1,229018 | 0,964371 | 0,867006 | 1,406511 | 1,178898 | 0,616571 | 0,961297 | 0,861287 |
| 237 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 238 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 239 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 240 | 1,294994 | 1,539593 | 1,496403 | 1,39853 | 1,142203 | 1,475362 | 1,275165 | 1,163995 |
| 241 | 1,294994 | 1,539593 | 1,496403 | 1,39853 | 1,142203 | 1,475362 | 1,275165 | 1,163995 |
| 242 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 243 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 244 | -0,07795 | -0,13932 | 0,025527 | -0,29879 | -0,24032 | -0,04625 | 0,100419 | -0,19359 |
| 245 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |
| 246 | -0,20059 | -0,07441 | -0,10418 | 0,219221 | 0,160185 | 0,348067 | 0,199227 | 0,308784 |
| 247 | -0,20059 | -0,07441 | -0,10418 | 0,219221 | 0,160185 | 0,348067 | 0,199227 | 0,308784 |
| 248 | -0,20059 | -0,07441 | -0,10418 | 0,219221 | 0,160185 | 0,348067 | 0,199227 | 0,308784 |
| 249 | -0,20059 | -0,07441 | -0,10418 | 0,219221 | 0,160185 | 0,348067 | 0,199227 | 0,308784 |
| 250 | 1,18311 | 0,951266 | 0,354635 | -0,1811 | 0,108965 | 0,006221 | -0,01051 | 0,270817 |
| 251 | 1,18311 | 0,951266 | 0,354635 | -0,1811 | 0,108965 | 0,006221 | -0,01051 | 0,270817 |
| 252 | 1,18311 | 0,951266 | 0,354635 | -0,1811 | 0,108965 | 0,006221 | -0,01051 | 0,270817 |
| 253 | 1,843009 | 2,588752 | 2,362757 | 2,032616 | 2,602887 | 2,664503 | 2,57828 | 2,299693 |
| 254 | 1,58603 | 1,573935 | 1,505418 | 1,355416 | 1,423164 | 1,522383 | 1,333605 | 1,400329 |
| 255 | 1,58603 | 1,573935 | 1,505418 | 1,355416 | 1,423164 | 1,522383 | 1,333605 | 1,400329 |
| 256 | 1,58603 | 1,573935 | 1,505418 | 1,355416 | 1,423164 | 1,522383 | 1,333605 | 1,400329 |
| 257 | -0,1532 | -0,12475 | -0,23368 | -0,13654 | -0,13909 | -0,20661 | -0,22898 | -0,15654 |

Tablica D1 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 3.981 | 4.365 | 4.786 | 5.248 | 5.754 | 6.310 | 6.918 | 7.586 |
| 1 | 0,286473 | -0,2414 | -0,05153 | 0,024665 | 0,464784 | -0,14179 | 0,731474 | 0,63085 |
| 2 | 0,835519 | 0,317325 | 0,970438 | 0,574776 | 0,171309 | -0,06286 | 0,553553 | 1,114384 |
| 3 | 1,178838 | 1,667401 | 0,749335 | 1,166209 | 1,525521 | 0,769568 | 2,155461 | 2,347847 |
| 4 | 0,363508 | -0,13956 | 0,107194 | 0,814557 | 0,372769 | 0,615883 | 1,199608 | 0,863755 |
| 5 | 0,77468 | -0,83912 | -0,14578 | -0,01687 | 0,311969 | 0,063251 | 0,570571 | 0,455427 |
| 6 | 2,231961 | 2,650629 | 2,161975 | 1,936242 | 2,50537 | 2,197492 | 2,896345 | 1,862972 |
| 7 | 0,265968 | 0,291777 | -0,21274 | -0,96669 | 0,789869 | 1,13644 | -0,25376 | 0,841157 |
| 8 | 0,553407 | 1,425946 | 1,82925 | 1,481812 | 2,039556 | 2,322169 | 1,612156 | 1,298402 |
| 9 | 1,358236 | 1,878056 | 2,309277 | 0,436799 | 1,765497 | 2,107619 | 1,398584 | 1,442081 |
| 10 | 1,095622 | 0,854508 | 0,007116 | 0,230221 | 0,444808 | -0,18939 | -0,31749 | 0,023407 |
| 11 | 1,733968 | 2,217049 | 1,954458 | 1,497425 | 1,947758 | 2,085029 | 2,299405 | 2,477294 |
| 12 | -0,23382 | -0,80426 | -0,71875 | 0,06301 | -0,69913 | -0,13742 | -0,81386 | -0,06211 |
| 13 | -1,36735 | -1,51137 | -1,94484 | -1,54625 | -1,70396 | -1,77985 | -1,89102 | -2,01215 |
| 14 | -1,36735 | -1,51137 | -1,94484 | -1,54625 | -1,70396 | -1,77985 | -1,89102 | -2,01215 |
| 15 | 3,420587 | 3,352925 | 3,739958 | 3,388261 | 3,474207 | 3,157883 | 3,214813 | 2,969737 |
| 16 | 3,420587 | 3,352925 | 3,739958 | 3,388261 | 3,474207 | 3,157883 | 3,214813 | 2,969737 |
| 17 | -1,78196 | -1,83043 | -1,77732 | -2,14422 | -2,16355 | -2,02325 | -1,97338 | -2,35273 |
| 18 | -1,78196 | -1,83043 | -1,77732 | -2,14422 | -2,16355 | -2,02325 | -1,97338 | -2,35273 |
| 19 | -1,78196 | -1,83043 | -1,77732 | -2,14422 | -2,16355 | -2,02325 | -1,97338 | -2,35273 |
| 20 | -1,78196 | -1,83043 | -1,77732 | -2,14422 | -2,16355 | -2,02325 | -1,97338 | -2,35273 |
| 21 | -0,16548 | -0,53016 | -0,69547 | 0,048864 | -0,835 | -0,35913 | -1,29993 | -0,55475 |
| 22 | -1,75337 | -2,2112 | -1,92318 | -2,07279 | -1,94879 | -1,97578 | -2,2154 | -2,25768 |
| 23 | -1,75337 | -2,2112 | -1,92318 | -2,07279 | -1,94879 | -1,97578 | -2,2154 | -2,25768 |
| 24 | -1,75337 | -2,2112 | -1,92318 | -2,07279 | -1,94879 | -1,97578 | -2,2154 | -2,25768 |
| 25 | -1,75337 | -2,2112 | -1,92318 | -2,07279 | -1,94879 | -1,97578 | -2,2154 | -2,25768 |
| 26 | -0,91931 | -0,84328 | -1,52807 | -1,49766 | -0,97037 | -1,33252 | -1,27139 | -1,30296 |
| 27 | -1,14079 | -1,05357 | -1,28057 | -1,36311 | -0,4808 | -0,88006 | -0,64007 | -1,01419 |
| 28 | -0,18577 | -0,29234 | -0,73017 | -0,57001 | -0,57124 | -0,86535 | -0,57917 | -0,50989 |
| 29 | -0,51498 | -0,93773 | -0,59927 | -1,39334 | -1,52117 | -0,73143 | -1,04417 | -0,98701 |
| 30 | -0,51498 | -0,93773 | -0,59927 | -1,39334 | -1,52117 | -0,73143 | -1,04417 | -0,98701 |
| 31 | -0,51498 | -0,93773 | -0,59927 | -1,39334 | -1,52117 | -0,73143 | -1,04417 | -0,98701 |
| 32 | -1,55284 | -1,61725 | -1,37569 | -1,78722 | -1,43434 | -0,84275 | -1,66211 | -1,4009 |
| 33 | 0,568594 | 0,181015 | -0,74966 | 0,056881 | -0,42271 | -0,61907 | 0,232873 | -0,98712 |
| 34 | -1,25286 | -1,74702 | -1,13342 | -0,81748 | -1,45711 | -0,8857 | -1,5964 | -1,64735 |
| 35 | -0,40217 | 0,276017 | 0,45629 | 0,426195 | -0,15967 | 0,622676 | 0,081955 | 0,241577 |
| 36 | -0,40217 | 0,276017 | 0,45629 | 0,426195 | -0,15967 | 0,622676 | 0,081955 | 0,241577 |
| 37 | -1,45337 | -1,16901 | -1,14079 | -1,62293 | -0,58274 | -1,70599 | -1,79741 | -1,35438 |
| 38 | -0,4905 | 0,022333 | -0,11419 | -0,37206 | -0,33917 | -0,99745 | -1,13406 | -1,2293 |
| 39 | -0,4905 | 0,022333 | -0,11419 | -0,37206 | -0,33917 | -0,99745 | -1,13406 | -1,2293 |
| 40 | 1,197006 | 0,880006 | 0,629785 | 0,560535 | 0,407782 | -0,24953 | 0,802616 | 0,576865 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 1,178537 | 0,591158 | 0,809952 | 0,148042 | -0,01978 | 0,038695 | -0,37777 | -0,29456 |
| 42 | 1,178537 | 0,591158 | 0,809952 | 0,148042 | -0,01978 | 0,038695 | -0,37777 | -0,29456 |
| 43 | 1,178537 | 0,591158 | 0,809952 | 0,148042 | -0,01978 | 0,038695 | -0,37777 | -0,29456 |
| 44 | 0,729514 | 0,375096 | 0,416514 | 0,301705 | 0,282951 | 0,034634 | -0,27927 | -0,07757 |
| 45 | 1,634783 | 1,771636 | 1,353335 | 1,082516 | 1,497667 | 0,825927 | 0,750544 | 0,888643 |
| 46 | 1,741437 | 0,648423 | 1,234977 | 0,824508 | 0,793385 | 0,098876 | -0,1894 | -0,39509 |
| 47 | 1,253519 | 0,494925 | 0,389751 | 0,893898 | 0,820067 | 0,281679 | -0,16215 | 0,282622 |
| 48 | 2,422082 | 2,34329 | 1,886228 | 1,40541 | -0,17965 | 2,069706 | 1,213201 | 1,349132 |
| 49 | 0,344396 | 0,004868 | 0,709403 | 0,048111 | -0,05347 | -0,16153 | -0,14399 | 0,01672 |
| 50 | 0,344396 | 0,004868 | 0,709403 | 0,048111 | -0,05347 | -0,16153 | -0,14399 | 0,01672 |
| 51 | 0,278379 | 0,486313 | 1,1719 | -0,17879 | 0,203099 | -0,1324 | -0,26826 | -0,61778 |
| 52 | 0,278379 | 0,486313 | 1,1719 | -0,17879 | 0,203099 | -0,1324 | -0,26826 | -0,61778 |
| 53 | 0,365378 | -0,2183 | 0,622847 | 0,696148 | 0,520649 | 0,14397 | 0,536248 | 0,65602 |
| 54 | -0,81637 | -0,94953 | -0,85848 | -0,879 | -1,07672 | -0,68835 | -1,10941 | -0,93001 |
| 55 | 1,021916 | 1,322391 | 1,064605 | 1,199065 | 1,222578 | 0,66111 | 0,679414 | 0,978613 |
| 56 | -0,11289 | 0,078765 | 0,517431 | 0,416439 | 0,729181 | -0,99697 | -0,54453 | -0,48836 |
| 57 | 0,543227 | 0,298525 | 0,256418 | 0,808423 | 0,851567 | -0,33888 | 0,316245 | 0,408659 |
| 58 | 0,829267 | 0,197275 | 0,471842 | 1,108121 | 0,289086 | 1,010497 | 0,348704 | 1,01201 |
| 59 | 0,075651 | -0,81935 | -0,0536 | -1,04635 | -0,67826 | -1,23418 | -0,21104 | 0,648923 |
| 60 | 1,394794 | 0,223564 | 0,768742 | 0,652364 | 0,760918 | -0,07574 | -0,16805 | 0,460493 |
| 61 | -3,13522 | -1,42949 | -1,44905 | -1,14822 | -1,98071 | -1,15294 | -0,97583 | -0,91577 |
| 62 | -3,57806 | -4,03545 | -3,39741 | -3,59043 | -2,74105 | -3,22689 | -3,66275 | -3,44278 |
| 63 | -3,88681 | -3,73185 | -3,92902 | -3,15882 | -3,32128 | -2,89512 | -3,65709 | -2,95232 |
| 64 | -3,88681 | -3,73185 | -3,92902 | -3,15882 | -3,32128 | -2,89512 | -3,65709 | -2,95232 |
| 65 | -1,29786 | -2,13739 | -2,06358 | -2,49661 | -2,41106 | -3,33883 | -2,56204 | -2,78388 |
| 66 | -0,01969 | -0,03562 | -0,28193 | 0,040651 | 0,455873 | -0,08986 | 0,065609 | 0,187217 |
| 67 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 68 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 69 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 70 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 71 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 72 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 73 | -2,11395 | -1,74649 | -1,66141 | -1,67573 | -1,45486 | -0,95713 | -1,47515 | -1,06648 |
| 74 | -2,11395 | -1,74649 | -1,66141 | -1,67573 | -1,45486 | -0,95713 | -1,47515 | -1,06648 |
| 75 | -2,11395 | -1,74649 | -1,66141 | -1,67573 | -1,45486 | -0,95713 | -1,47515 | -1,06648 |
| 76 | -2,11395 | -1,74649 | -1,66141 | -1,67573 | -1,45486 | -0,95713 | -1,47515 | -1,06648 |
| 77 | -1,04322 | -1,08034 | -1,26754 | -0,85828 | -0,56349 | -1,17468 | -0,92108 | -0,64376 |
| 78 | -1,04322 | -1,08034 | -1,26754 | -0,85828 | -0,56349 | -1,17468 | -0,92108 | -0,64376 |
| 79 | -1,04322 | -1,08034 | -1,26754 | -0,85828 | -0,56349 | -1,17468 | -0,92108 | -0,64376 |
| 80 | -1,04322 | -1,08034 | -1,26754 | -0,85828 | -0,56349 | -1,17468 | -0,92108 | -0,64376 |
| 81 | -0,49588 | -0,92226 | -1,22711 | -1,24856 | -1,73642 | -1,03376 | -1,81316 | -1,79254 |
| 82 | -0,49588 | -0,92226 | -1,22711 | -1,24856 | -1,73642 | -1,03376 | -1,81316 | -1,79254 |
| 83 | -0,49588 | -0,92226 | -1,22711 | -1,24856 | -1,73642 | -1,03376 | -1,81316 | -1,79254 |
| 84 | -0,91387 | -0,99125 | -0,81843 | -0,67833 | -0,99921 | -0,73054 | -0,90102 | -1,09594 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0,947927 | 1,043056 | 0,794091 | 0,866699 | 1,118075 | 1,095615 | 0,88146 | 0,287808 |
| 86 | 0,652633 | 0,886722 | 1,037276 | 0,333064 | 0,747192 | 0,618324 | 0,403232 | -0,1347 |
| 87 | 0,652633 | 0,886722 | 1,037276 | 0,333064 | 0,747192 | 0,618324 | 0,403232 | -0,1347 |
| 88 | 0,652633 | 0,886722 | 1,037276 | 0,333064 | 0,747192 | 0,618324 | 0,403232 | -0,1347 |
| 89 | 1,534235 | 1,373394 | 1,472649 | 1,30103 | 0,507 | 0,775479 | 0,974682 | 1,092408 |
| 90 | 1,534235 | 1,373394 | 1,472649 | 1,30103 | 0,507 | 0,775479 | 0,974682 | 1,092408 |
| 91 | 1,534235 | 1,373394 | 1,472649 | 1,30103 | 0,507 | 0,775479 | 0,974682 | 1,092408 |
| 92 | 1,534235 | 1,373394 | 1,472649 | 1,30103 | 0,507 | 0,775479 | 0,974682 | 1,092408 |
| 93 | 1,048194 | 1,013311 | 0,96002 | 1,241205 | 0,861876 | 1,044803 | 0,736003 | 0,76958 |
| 94 | 1,048194 | 1,013311 | 0,96002 | 1,241205 | 0,861876 | 1,044803 | 0,736003 | 0,76958 |
| 95 | 1,048194 | 1,013311 | 0,96002 | 1,241205 | 0,861876 | 1,044803 | 0,736003 | 0,76958 |
| 96 | -1,77216 | -1,11858 | -1,04622 | -1,31835 | -0,89767 | -0,88888 | -0,76303 | -1,56023 |
| 97 | -1,77216 | -1,11858 | -1,04622 | -1,31835 | -0,89767 | -0,88888 | -0,76303 | -1,56023 |
| 98 | 1,02094 | 0,712878 | 0,6192 | 0,932818 | 0,844581 | 0,722611 | 0,917473 | -0,41601 |
| 99 | -0,81637 | -0,94953 | -0,85848 | -0,879 | -1,07672 | -0,68835 | -1,10941 | -0,93001 |
| 100 | -0,81637 | -0,94953 | -0,85848 | -0,879 | -1,07672 | -0,68835 | -1,10941 | -0,93001 |
| 101 | -0,81637 | -0,94953 | -0,85848 | -0,879 | -1,07672 | -0,68835 | -1,10941 | -0,93001 |
| 102 | -0,81637 | -0,94953 | -0,85848 | -0,879 | -1,07672 | -0,68835 | -1,10941 | -0,93001 |
| 103 | -0,81637 | -0,94953 | -0,85848 | -0,879 | -1,07672 | -0,68835 | -1,10941 | -0,93001 |
| 104 | -1,49991 | -1,19137 | -1,66917 | -1,12153 | -0,65663 | -0,80363 | -1,02854 | -0,5875 |
| 105 | -1,49991 | -1,19137 | -1,66917 | -1,12153 | -0,65663 | -0,80363 | -1,02854 | -0,5875 |
| 106 | -1,49991 | -1,19137 | -1,66917 | -1,12153 | -0,65663 | -0,80363 | -1,02854 | -0,5875 |
| 107 | 0,189502 | 0,473589 | 0,306075 | 0,319622 | 0,127489 | 0,355518 | 0,39202 | 0,053374 |
| 108 | 0,189502 | 0,473589 | 0,306075 | 0,319622 | 0,127489 | 0,355518 | 0,39202 | 0,053374 |
| 109 | 0,189502 | 0,473589 | 0,306075 | 0,319622 | 0,127489 | 0,355518 | 0,39202 | 0,053374 |
| 110 | 0,189502 | 0,473589 | 0,306075 | 0,319622 | 0,127489 | 0,355518 | 0,39202 | 0,053374 |
| 111 | 0,189502 | 0,473589 | 0,306075 | 0,319622 | 0,127489 | 0,355518 | 0,39202 | 0,053374 |
| 112 | -0,48739 | -0,52168 | -0,61944 | -0,72097 | -0,97573 | -0,49711 | -0,10351 | -0,49715 |
| 113 | -1,02733 | -1,43242 | -1,69356 | -0,14635 | -0,76824 | -0,87074 | -0,78116 | -0,30214 |
| 114 | -0,51532 | -1,04503 | -0,78015 | -0,7368 | -0,57911 | -1,19141 | -0,63907 | -0,57446 |
| 115 | -0,9232 | -1,04569 | -0,50484 | -0,69081 | -0,89098 | -0,60219 | -0,57458 | -0,43186 |
| 116 | -0,40347 | -1,41534 | -1,07867 | -0,93206 | -0,82416 | -1,09379 | -0,86006 | -1,26003 |
| 117 | -0,4992 | 0,040799 | 0,265479 | -0,44029 | -0,4749 | 0,469674 | -0,40675 | 0,051608 |
| 118 | -0,85337 | -0,02449 | -0,11609 | -0,21968 | -0,65894 | -0,12418 | -0,83892 | -0,46832 |
| 119 | -0,24777 | -0,48992 | -1,12669 | -1,08448 | -0,96273 | -0,74694 | -1,43158 | -0,94071 |
| 120 | -0,31098 | -0,93493 | -0,35426 | 0,019932 | -0,91347 | 0,050046 | -0,29855 | -0,12702 |
| 121 | -0,95627 | -1,02364 | -0,70434 | -0,4775 | -0,49473 | -1,22388 | -1,20447 | -0,80506 |
| 122 | -0,2754 | -1,04311 | -0,51329 | -0,91645 | -1,38948 | -0,32576 | -0,94454 | -1,212 |
| 123 | -0,00593 | 0,124999 | -0,61626 | 0,048772 | -0,52958 | 0,11754 | 0,743864 | 0,048884 |
| 124 | -1,77582 | -0,68838 | -0,68223 | -0,69645 | -0,37979 | -0,15582 | -0,03642 | -0,85159 |
| 125 | -1,28195 | -0,49308 | -0,89527 | -0,61528 | -0,54085 | -0,03649 | -0,61264 | -0,68455 |
| 126 | -0,08804 | -0,07394 | -0,39335 | -0,37514 | -0,1384 | -0,73936 | -0,95061 | -0,63743 |
| 127 | -0,08804 | -0,07394 | -0,39335 | -0,37514 | -0,1384 | -0,73936 | -0,95061 | -0,63743 |
| 128 | -0,67633 | -1,02089 | -0,64861 | -1,36722 | -0,77381 | -1,27197 | -1,06432 | -0,79549 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -0,67633 | -1,02089 | -0,64861 | -1,36722 | -0,77381 | -1,27197 | -1,06432 | -0,79549 |
| 130 | -1,69362 | -0,93891 | -1,10455 | -1,31356 | -1,85963 | -0,60824 | -0,90637 | -0,84956 |
| 131 | -0,52416 | -0,89066 | -0,42794 | -0,44589 | -0,50661 | -1,31165 | -0,74489 | -0,67166 |
| 132 | -1,49343 | -1,80569 | -1,62416 | -3,08305 | -2,38084 | -1,81635 | -0,62393 | -0,71883 |
| 133 | -0,22977 | -0,39046 | -0,61064 | -0,27383 | -0,64234 | -0,40548 | -0,61399 | -1,00473 |
| 134 | 2,837604 | 2,930321 | 1,592688 | 2,021879 | 3,022677 | 2,911034 | 2,730508 | 2,23446 |
| 135 | 0,55542 | -0,06269 | 0,554546 | 0,54173 | 0,940761 | 1,239564 | 1,811171 | 0,481839 |
| 136 | 1,195182 | 1,976871 | 2,111984 | 2,133548 | 1,632436 | 0,65019 | 2,139138 | 1,603866 |
| 137 | 0,254891 | 0,003938 | -0,22129 | -0,77045 | 0,182339 | 0,205965 | 0,142883 | 0,582964 |
| 138 | -1,1226 | 0,644378 | -0,15922 | 0,220766 | 0,335509 | 0,351966 | -0,13635 | -0,04275 |
| 139 | -0,11264 | -0,94625 | -1,2741 | -0,74708 | 0,267526 | -0,41191 | 0,321579 | 0,699626 |
| 140 | -2,25483 | -1,91176 | -1,24407 | -0,62664 | -0,33829 | -0,34873 | -0,50804 | 0,248714 |
| 141 | 2,652504 | 2,480713 | 2,439923 | 2,784703 | 2,773163 | 2,830676 | 2,009361 | 2,197154 |
| 142 | 0,827411 | 1,030067 | 0,903919 | 1,144726 | 0,910094 | 1,356914 | 1,778937 | 1,646202 |
| 143 | 0,202891 | 0,29795 | 0,199524 | -0,40303 | 0,344492 | 0,164584 | 0,471484 | 0,5453 |
| 144 | 0,313212 | 0,545265 | -0,1244 | 0,37139 | 0,383432 | -0,21052 | 0,743191 | 1,208675 |
| 145 | 2,092463 | 2,035766 | 2,239572 | 1,938508 | 1,643107 | 1,682673 | 1,974873 | 1,33916 |
| 146 | -1,02834 | -0,7882 | -0,26168 | -0,92256 | -1,03868 | -1,8147 | -0,86638 | -0,33512 |
| 147 | 1,048857 | 1,193509 | 0,864501 | 1,240007 | 1,412147 | 1,192104 | 1,135201 | 1,096475 |
| 148 | 0,791034 | 0,275041 | 0,484299 | 0,524917 | 0,515836 | 0,174776 | 0,483678 | 0,618025 |
| 149 | 0,791034 | 0,275041 | 0,484299 | 0,524917 | 0,515836 | 0,174776 | 0,483678 | 0,618025 |
| 150 | 0,791034 | 0,275041 | 0,484299 | 0,524917 | 0,515836 | 0,174776 | 0,483678 | 0,618025 |
| 151 | -0,64124 | -0,66404 | -1,16322 | -0,62437 | -0,90298 | -0,19377 | -0,22232 | 0,07501 |
| 152 | 0,980979 | 0,287401 | -0,04547 | 0,480943 | 0,812592 | 0,697503 | 0,228788 | 0,212785 |
| 153 | 0,091306 | 0,159221 | -0,47199 | 0,83613 | 1,350091 | 1,313325 | 1,033557 | 0,985147 |
| 154 | 0,624482 | 1,060041 | 1,200934 | 1,156469 | 1,46298 | 1,399584 | 1,895456 | 1,492922 |
| 155 | 0,624482 | 1,060041 | 1,200934 | 1,156469 | 1,46298 | 1,399584 | 1,895456 | 1,492922 |
| 156 | 0,624482 | 1,060041 | 1,200934 | 1,156469 | 1,46298 | 1,399584 | 1,895456 | 1,492922 |
| 157 | 0,624482 | 1,060041 | 1,200934 | 1,156469 | 1,46298 | 1,399584 | 1,895456 | 1,492922 |
| 158 | 0,624482 | 1,060041 | 1,200934 | 1,156469 | 1,46298 | 1,399584 | 1,895456 | 1,492922 |
| 159 | -0,18201 | -0,0638 | 0,485864 | 0,124973 | -0,144 | 0,465525 | -0,10949 | 0,059233 |
| 160 | -0,18201 | -0,0638 | 0,485864 | 0,124973 | -0,144 | 0,465525 | -0,10949 | 0,059233 |
| 161 | -0,18201 | -0,0638 | 0,485864 | 0,124973 | -0,144 | 0,465525 | -0,10949 | 0,059233 |
| 162 | -0,22459 | 0,199941 | -0,32145 | -0,23211 | 0,011865 | 0,076911 | 0,181588 | -0,2308 |
| 163 | -0,22459 | 0,199941 | -0,32145 | -0,23211 | 0,011865 | 0,076911 | 0,181588 | -0,2308 |
| 164 | -0,15747 | -0,04663 | -0,79122 | -0,03579 | -0,64321 | -0,10427 | -0,01937 | 0,444904 |
| 165 | 0,296084 | -0,0654 | 0,23064 | -0,18446 | 0,216753 | -0,26794 | -0,21689 | -0,06145 |
| 166 | 0,296084 | -0,0654 | 0,23064 | -0,18446 | 0,216753 | -0,26794 | -0,21689 | -0,06145 |
| 167 | -0,01969 | -0,03562 | -0,28193 | 0,040651 | 0,455873 | -0,08986 | 0,065609 | 0,187217 |
| 168 | -0,01969 | -0,03562 | -0,28193 | 0,040651 | 0,455873 | -0,08986 | 0,065609 | 0,187217 |
| 169 | 0,89742 | 1,25144 | 0,969159 | 0,853763 | 0,992965 | 1,027899 | 1,95696 | 1,493184 |
| 170 | 0,89742 | 1,25144 | 0,969159 | 0,853763 | 0,992965 | 1,027899 | 1,95696 | 1,493184 |
| 171 | 0,89742 | 1,25144 | 0,969159 | 0,853763 | 0,992965 | 1,027899 | 1,95696 | 1,493184 |
| 172 | -0,14795 | 0,044669 | -0,47358 | 0,60404 | 0,391326 | -0,53654 | 0,996412 | 0,964026 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | -1,1036 | -1,03479 | -0,54429 | -0,78139 | -0,9815 | -0,89865 | -0,65367 | -0,41016 |
| 174 | -0,42387 | -0,02517 | -0,21855 | -0,13885 | -0,91992 | 0,252685 | -0,89592 | -0,83722 |
| 175 | -0,42429 | -0,95028 | -1,22802 | -0,89574 | -0,78468 | -0,48755 | -0,21205 | -0,33377 |
| 176 | -1,39362 | -0,58762 | -0,58233 | -0,65385 | -1,47739 | -1,08706 | -0,42593 | -0,1177 |
| 177 | 0,718869 | 0,078157 | -0,01601 | -0,04136 | -0,01209 | 0,081797 | 0,161517 | 0,335503 |
| 178 | -0,42397 | -0,05772 | -0,58011 | -0,07337 | 0,324327 | 0,764567 | 1,069895 | -0,30188 |
| 179 | 0,206477 | 0,14395 | -0,38172 | -0,25042 | 0,606212 | 0,493182 | 0,117737 | 0,939133 |
| 180 | -0,61006 | 0,18877 | 0,566847 | -0,12561 | 0,379832 | 0,595489 | 0,997053 | 0,970445 |
| 181 | -0,61006 | 0,18877 | 0,566847 | -0,12561 | 0,379832 | 0,595489 | 0,997053 | 0,970445 |
| 182 | 0,801167 | 0,334165 | 0,376946 | 0,83298 | 0,378183 | 0,705485 | 0,806111 | 1,398145 |
| 183 | -0,12569 | -0,59891 | 0,027269 | 0,040533 | -0,33204 | -0,83105 | -0,28592 | -0,02254 |
| 184 | -0,70516 | -0,95759 | -0,92634 | -1,01084 | -0,28318 | 0,000938 | -0,3363 | -0,54714 |
| 185 | -1,25854 | -1,64017 | -1,3448 | -0,90642 | -0,97031 | -0,43304 | -0,37221 | -0,29733 |
| 186 | -1,25854 | -1,64017 | -1,3448 | -0,90642 | -0,97031 | -0,43304 | -0,37221 | -0,29733 |
| 187 | 1,729157 | 1,859212 | 1,017305 | 1,574858 | 0,838824 | 0,823958 | 1,302844 | 1,108525 |
| 188 | 1,729157 | 1,859212 | 1,017305 | 1,574858 | 0,838824 | 0,823958 | 1,302844 | 1,108525 |
| 189 | 0,941175 | 0,994819 | 1,263282 | 1,536039 | 1,009364 | 1,068701 | 1,258564 | 0,957356 |
| 190 | 1,051287 | 1,036976 | 1,340614 | 1,076422 | 0,796489 | 1,254529 | 1,429031 | 1,262824 |
| 191 | 1,051287 | 1,036976 | 1,340614 | 1,076422 | 0,796489 | 1,254529 | 1,429031 | 1,262824 |
| 192 | 1,051287 | 1,036976 | 1,340614 | 1,076422 | 0,796489 | 1,254529 | 1,429031 | 1,262824 |
| 193 | 1,461897 | 0,8529 | 1,158788 | 1,065426 | 1,117646 | 1,388527 | 1,480139 | 1,494021 |
| 194 | 1,461897 | 0,8529 | 1,158788 | 1,065426 | 1,117646 | 1,388527 | 1,480139 | 1,494021 |
| 195 | 1,461897 | 0,8529 | 1,158788 | 1,065426 | 1,117646 | 1,388527 | 1,480139 | 1,494021 |
| 196 | 0,428 | 0,379112 | 0,31093 | 0,422322 | 0,595136 | 0,605023 | 0,913225 | 0,696478 |
| 197 | 0,428 | 0,379112 | 0,31093 | 0,422322 | 0,595136 | 0,605023 | 0,913225 | 0,696478 |
| 198 | 1,131639 | 0,683373 | 0,67978 | 1,101151 | 0,480876 | 0,894078 | 0,309651 | 0,390298 |
| 199 | 1,131639 | 0,683373 | 0,67978 | 1,101151 | 0,480876 | 0,894078 | 0,309651 | 0,390298 |
| 200 | 1,131639 | 0,683373 | 0,67978 | 1,101151 | 0,480876 | 0,894078 | 0,309651 | 0,390298 |
| 201 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 202 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 203 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 204 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 205 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 206 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 207 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 208 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 209 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 210 | 0,621886 | 0,941549 | 0,925048 | 0,912479 | 0,882554 | 0,699676 | 0,299677 | 0,690106 |
| 211 | 0,621886 | 0,941549 | 0,925048 | 0,912479 | 0,882554 | 0,699676 | 0,299677 | 0,690106 |
| 212 | 0,621886 | 0,941549 | 0,925048 | 0,912479 | 0,882554 | 0,699676 | 0,299677 | 0,690106 |
| 213 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 214 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 215 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 216 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 218 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 219 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 220 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 221 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 222 | -0,36422 | 0,158098 | -0,02713 | 0,533458 | 0,374997 | 0,411649 | 0,099969 | 0,028368 |
| 223 | -0,36422 | 0,158098 | -0,02713 | 0,533458 | 0,374997 | 0,411649 | 0,099969 | 0,028368 |
| 224 | 1,40242 | 1,611442 | 1,323944 | 1,167055 | 0,613922 | 0,057861 | -0,11445 | -0,92637 |
| 225 | 1,308759 | 1,342304 | 0,916501 | 1,819707 | 1,975057 | 0,446497 | 0,919341 | 0,248119 |
| 226 | 1,262491 | 1,308948 | 1,226342 | 0,973896 | 1,322775 | 0,854917 | 0,864971 | 0,550379 |
| 227 | 1,262491 | 1,308948 | 1,226342 | 0,973896 | 1,322775 | 0,854917 | 0,864971 | 0,550379 |
| 228 | 1,729157 | 1,859212 | 1,017305 | 1,574858 | 0,838824 | 0,823958 | 1,302844 | 1,108525 |
| 229 | 0,941175 | 0,994819 | 1,263282 | 1,536039 | 1,009364 | 1,068701 | 1,258564 | 0,957356 |
| 230 | 1,40242 | 1,611442 | 1,323944 | 1,167055 | 0,613922 | 0,057861 | -0,11445 | -0,92637 |
| 231 | 0,62323 | 0,847961 | 0,780503 | 0,905584 | 0,876724 | 0,799008 | 0,660319 | 1,238207 |
| 232 | 0,62323 | 0,847961 | 0,780503 | 0,905584 | 0,876724 | 0,799008 | 0,660319 | 1,238207 |
| 233 | 0,62323 | 0,847961 | 0,780503 | 0,905584 | 0,876724 | 0,799008 | 0,660319 | 1,238207 |
| 234 | 0,62323 | 0,847961 | 0,780503 | 0,905584 | 0,876724 | 0,799008 | 0,660319 | 1,238207 |
| 235 | 0,820893 | 0,704726 | 0,645032 | 1,063491 | 1,625254 | 1,229867 | 1,695029 | 1,398788 |
| 236 | 0,820893 | 0,704726 | 0,645032 | 1,063491 | 1,625254 | 1,229867 | 1,695029 | 1,398788 |
| 237 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 238 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 239 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 240 | 0,621886 | 0,941549 | 0,925048 | 0,912479 | 0,882554 | 0,699676 | 0,299677 | 0,690106 |
| 241 | 0,621886 | 0,941549 | 0,925048 | 0,912479 | 0,882554 | 0,699676 | 0,299677 | 0,690106 |
| 242 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 243 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 244 | -0,29995 | -0,06448 | 0,006159 | -0,05042 | 0,057636 | -0,1054 | 0,093058 | -0,0805 |
| 245 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |
| 246 | 0,428 | 0,379112 | 0,31093 | 0,422322 | 0,595136 | 0,605023 | 0,913225 | 0,696478 |
| 247 | 0,428 | 0,379112 | 0,31093 | 0,422322 | 0,595136 | 0,605023 | 0,913225 | 0,696478 |
| 248 | 0,428 | 0,379112 | 0,31093 | 0,422322 | 0,595136 | 0,605023 | 0,913225 | 0,696478 |
| 249 | 0,428 | 0,379112 | 0,31093 | 0,422322 | 0,595136 | 0,605023 | 0,913225 | 0,696478 |
| 250 | -0,07009 | 0,358138 | -0,04724 | 0,539071 | 0,247948 | 0,160932 | -0,25394 | -0,07718 |
| 251 | -0,07009 | 0,358138 | -0,04724 | 0,539071 | 0,247948 | 0,160932 | -0,25394 | -0,07718 |
| 252 | -0,07009 | 0,358138 | -0,04724 | 0,539071 | 0,247948 | 0,160932 | -0,25394 | -0,07718 |
| 253 | 1,56486 | 2,152152 | 1,716921 | 1,637418 | 1,113887 | 1,13866 | 0,824925 | 0,830478 |
| 254 | 1,40242 | 1,611442 | 1,323944 | 1,167055 | 0,613922 | 0,057861 | -0,11445 | -0,92637 |
| 255 | 1,40242 | 1,611442 | 1,323944 | 1,167055 | 0,613922 | 0,057861 | -0,11445 | -0,92637 |
| 256 | 1,40242 | 1,611442 | 1,323944 | 1,167055 | 0,613922 | 0,057861 | -0,11445 | -0,92637 |
| 257 | -0,16997 | -0,21609 | -0,24907 | -0,18434 | -0,05812 | -0,00922 | -0,05718 | 0,085984 |

Tablica D1 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 8.318 | 9.120 | 10 | 10.965 | 12.023 | 13.183 | 14.454 | 15.849 |
| 1 | 0,430542 | 1,049059 | 1,173308 | 1,246503 | 1,221941 | 0,141242 | 0,427007 | 1,285484 |
| 2 | 0,139216 | 0,065115 | 0,971702 | -0,19339 | 1,162795 | 0,597384 | 0,602321 | 0,643286 |
| 3 | 1,348969 | 2,126087 | 1,716335 | 1,439191 | 1,21142 | 1,516155 | 0,240605 | 1,589718 |
| 4 | 1,268129 | 1,600805 | 1,102536 | 1,682352 | 1,613449 | 1,857705 | 2,166347 | 2,52788 |
| 5 | 0,77616 | 0,495889 | 0,33149 | 0,91477 | 1,104195 | 1,005028 | 0,503589 | 0,728885 |
| 6 | 2,58312 | 2,612382 | 2,796034 | 2,47218 | 3,023567 | 3,575974 | 3,457697 | 3,8612 |
| 7 | 0,407802 | 0,913868 | 0,903102 | 0,714372 | 0,84284 | -0,07437 | -0,26118 | 0,389204 |
| 8 | 0,727824 | 1,439177 | 0,932193 | 0,870815 | 1,477804 | 1,602108 | 0,75929 | 1,242051 |
| 9 | 0,625542 | 1,576785 | 1,520053 | 1,529371 | 0,153491 | 0,98073 | 0,870803 | -0,08713 |
| 10 | 1,328013 | 1,605195 | 0,650211 | 0,815394 | 1,051707 | 1,11707 | 0,688799 | 0,764464 |
| 11 | 1,757802 | 1,877288 | 1,459815 | 1,094312 | 0,157263 | 2,311008 | -0,28585 | 2,273731 |
| 12 | -0,6165 | -0,54579 | -0,03911 | -0,28581 | -0,85164 | -0,0977 | 0,048278 | -0,23488 |
| 13 | -2,04653 | -1,92682 | -2,69906 | -1,49025 | -1,5916 | -1,41553 | -1,3516 | -1,99925 |
| 14 | -2,04653 | -1,92682 | -2,69906 | -1,49025 | -1,5916 | -1,41553 | -1,3516 | -1,99925 |
| 15 | 2,709874 | 2,511809 | 2,352724 | 1,774581 | 2,530697 | 3,021468 | 2,430056 | 2,86903 |
| 16 | 2,709874 | 2,511809 | 2,352724 | 1,774581 | -1,88111 | -1,83829 | -1,68806 | -1,64447 |
| 17 | -2,03521 | -1,80079 | -2,13079 | -2,11805 | -1,88111 | -1,83829 | -1,68806 | -1,64447 |
| 18 | -2,03521 | -1,80079 | -2,13079 | -2,11805 | -1,88111 | -1,83829 | -1,68806 | -1,64447 |
| 19 | -2,03521 | -1,80079 | -2,13079 | -2,11805 | -1,88111 | -1,83829 | -1,68806 | -1,64447 |
| 20 | -2,03521 | -1,80079 | -2,13079 | -2,11805 | 0,49374 | 0,757471 | 0,468153 | -0,07199 |
| 21 | -0,14629 | 0,013495 | 0,058414 | 0,627298 | -2,05937 | -1,82834 | -2,34364 | -1,92537 |
| 22 | -2,11533 | -2,22536 | -2,4028 | -2,20565 | -2,05937 | -1,82834 | -2,34364 | -1,92537 |
| 23 | -2,11533 | -2,22536 | -2,4028 | -2,20565 | -2,05937 | -1,82834 | -2,34364 | -1,92537 |
| 24 | -2,11533 | -2,22536 | -2,4028 | -2,20565 | -2,05937 | -1,82834 | -2,34364 | -1,92537 |
| 25 | -2,11533 | -2,22536 | -2,4028 | -2,20565 | -0,63449 | -0,72117 | -0,8162 | -0,89403 |
| 26 | -2,06122 | -1,69186 | -0,80455 | -0,96634 | -1,35223 | -0,89352 | -0,99772 | -0,22391 |
| 27 | -0,86302 | -0,88678 | -0,30047 | -0,50635 | -0,45954 | -0,26397 | 0,178961 | -0,56227 |
| 28 | -0,39621 | -0,08157 | 0,148186 | -0,04236 | -1,28488 | -1,44861 | -0,4402 | -0,56227 |
| 29 | -1,55227 | -1,02217 | -1,56155 | -1,09435 | -1,28488 | -1,44861 | -0,4402 | -0,56227 |
| 30 | -1,55227 | -1,02217 | -1,56155 | -1,09435 | -1,28488 | -1,44861 | -0,4402 | -1,10622 |
| 31 | -1,55227 | -1,02217 | -1,56155 | -1,09435 | -1,03776 | -0,94011 | -0,87762 | -1,04661 |
| 32 | -1,30267 | -1,56245 | -1,94482 | -1,27013 | -0,40405 | -0,23239 | -1,21704 | -0,56584 |
| 33 | -1,20978 | -0,72046 | -1,07683 | -1,59366 | -0,56445 | -0,45934 | -0,34681 | 0,109523 |
| 34 | -0,95958 | -1,0702 | -0,96535 | -0,68817 | -0,43678 | -0,07489 | -0,04461 | 0,109523 |
| 35 | 0,413271 | 0,520557 | -0,30418 | -0,29949 | -0,43678 | -0,07489 | -0,04461 | -0,80591 |
| 36 | 0,413271 | 0,520557 | -0,30418 | -0,29949 | -1,65438 | -1,35313 | -1,20914 | -2,12458 |
| 37 | -1,31309 | -1,06814 | -0,75964 | -1,15739 | -2,53693 | -2,23457 | -2,45843 | -2,12458 |
| 38 | -1,04872 | -0,95846 | -1,46014 | -1,95713 | -2,53693 | -2,23457 | -2,45843 | 0,342928 |
| 39 | -1,04872 | -0,95846 | -1,46014 | -1,95713 | 0,043422 | 0,409998 | 0,247798 | -1,40205 |
| 40 | 0,095425 | 0,886741 | 0,680416 | 0,521715 | -0,92357 | -1,50911 | -1,55864 | -1,40205 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -0,32317 | -0,40423 | -1,06498 | -0,93693 | -0,92357 | -1,50911 | -1,55864 | -1,40205 |
| 42 | -0,32317 | -0,40423 | -1,06498 | -0,93693 | -0,92357 | -1,50911 | -1,55864 | -0,78938 |
| 43 | -0,32317 | -0,40423 | -1,06498 | -0,93693 | -0,39852 | -0,49521 | -0,50365 | 0,504667 |
| 44 | 0,129288 | -0,51774 | -0,24403 | -0,69664 | 1,460095 | 1,680699 | 0,597671 | -0,68506 |
| 45 | 1,130108 | 1,117612 | 1,398537 | 0,747945 | -1,09585 | -1,29391 | -1,54661 | 1,335165 |
| 46 | -0,90293 | -0,66378 | -1,10249 | -0,63898 | 0,590532 | 0,118643 | 0,540316 | 0,197069 |
| 47 | 0,163522 | 0,337769 | 0,470668 | 0,334755 | 0,973276 | 1,108388 | 0,014849 | -0,30819 |
| 48 | 0,816397 | 1,376434 | 1,692326 | 1,311548 | -0,23488 | -0,26966 | -0,14746 | -0,30819 |
| 49 | -0,56552 | -0,95347 | -0,54523 | -0,26878 | -0,23488 | -0,26966 | -0,14746 | -1,57216 |
| 50 | -0,56552 | -0,95347 | -0,54523 | -0,26878 | -0,50821 | -1,02991 | -0,88386 | -1,57216 |
| 51 | -1,60523 | -0,59492 | -0,4664 | -0,59488 | -0,50821 | -1,02991 | -0,88386 | 1,2436 |
| 52 | -1,60523 | -0,59492 | -0,4664 | -0,59488 | 1,226133 | 0,243488 | 0,537049 | -0,98886 |
| 53 | 0,917509 | 1,024768 | 0,660839 | 0,937915 | -1,14509 | -0,77572 | -1,07536 | 0,075108 |
| 54 | -1,08071 | -1,03003 | -1,17988 | -1,47579 | -0,16125 | -0,54062 | 0,610767 | -1,93868 |
| 55 | 0,255644 | 0,637559 | 0,056313 | 0,379517 | -0,79272 | -0,29097 | -1,22039 | -0,39417 |
| 56 | -0,01777 | -0,11852 | -0,22164 | -1,53516 | -0,06136 | -0,75371 | -0,58785 | 0,040013 |
| 57 | 0,332527 | -0,16947 | 0,438099 | -0,15755 | 0,344485 | -1,03646 | 0,343373 | 0,070273 |
| 58 | 1,008269 | 0,948594 | 1,108327 | 0,84224 | -0,9633 | -0,43547 | 0,074045 | 0,983955 |
| 59 | -0,38542 | 0,657092 | 0,334889 | -0,73169 | 0,888508 | -0,61885 | 0,441047 | -0,8595 |
| 60 | 0,569614 | 0,642706 | 0,148054 | 0,390769 | -0,41604 | -0,82325 | -0,81764 | -2,93183 |
| 61 | -1,49827 | -1,41016 | -0,72029 | -0,72298 | -1,59407 | -2,21713 | -2,09783 | -2,8925 |
| 62 | -2,71615 | -3,19391 | -2,09496 | -1,57553 | -2,82813 | -4,17076 | -3,54624 | -2,8925 |
| 63 | -3,23561 | -3,42108 | -3,56496 | -3,10654 | -2,82813 | -4,17076 | -3,54624 | -2,62409 |
| 64 | -3,23561 | -3,42108 | -3,56496 | -3,10654 | -3,25839 | -2,7287 | -2,73888 | -0,25451 |
| 65 | -3,18485 | -3,28345 | -1,76023 | -2,74807 | 0,136342 | -0,2604 | -0,12576 | -0,41658 |
| 66 | 0,200156 | -0,45681 | -0,25341 | 0,117466 | -0,76919 | -0,73598 | -0,76647 | -0,41658 |
| 67 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | -0,76919 | -0,73598 | -0,76647 | -0,41658 |
| 68 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | -0,76919 | -0,73598 | -0,76647 | -0,41658 |
| 69 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | -0,76919 | -0,73598 | -0,76647 | -0,41658 |
| 70 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | -0,76919 | -0,73598 | -0,76647 | -0,41658 |
| 71 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | -0,76919 | -0,73598 | -0,76647 | -1,15918 |
| 72 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | -1,15152 | -1,66378 | -1,14463 | -1,15918 |
| 73 | -0,59668 | -0,93299 | -0,87755 | -0,87562 | -1,15152 | -1,66378 | -1,14463 | -1,15918 |
| 74 | -0,59668 | -0,93299 | -0,87755 | -0,87562 | -1,15152 | -1,66378 | -1,14463 | -1,15918 |
| 75 | -0,59668 | -0,93299 | -0,87755 | -0,87562 | -1,15152 | -1,66378 | -1,14463 | -1,86837 |
| 76 | -0,59668 | -0,93299 | -0,87755 | -0,87562 | -1,68936 | -1,7265 | -1,90224 | -1,86837 |
| 77 | -0,54658 | -0,44921 | -1,83335 | -1,81193 | -1,68936 | -1,7265 | -1,90224 | -1,86837 |
| 78 | -0,54658 | -0,44921 | -1,83335 | -1,81193 | -1,68936 | -1,7265 | -1,90224 | -1,86837 |
| 79 | -0,54658 | -0,44921 | -1,83335 | -1,81193 | -1,68936 | -1,7265 | -1,90224 | -1,58844 |
| 80 | -0,54658 | -0,44921 | -1,83335 | -1,81193 | -0,57708 | -1,39974 | -0,98091 | -1,58844 |
| 81 | -1,26504 | -1,09596 | -0,74665 | -0,44522 | -0,57708 | -1,39974 | -0,98091 | -1,58844 |
| 82 | -1,26504 | -1,09596 | -0,74665 | -0,44522 | -0,57708 | -1,39974 | -0,98091 | -0,45973 |
| 83 | -1,26504 | -1,09596 | -0,74665 | -0,44522 | -0,988 | -0,01379 | -0,25349 | 0,536992 |
| 84 | 0,009206 | -1,44265 | -1,12291 | -0,92864 | 0,815453 | 0,455887 | 0,487416 | 0,193515 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0,513116 | 0,422122 | 0,826358 | 0,481324 | 0,024339 | -0,01225 | 0,286743 | 0,193515 |
| 86 | 0,635748 | -0,08318 | -0,10456 | 0,153125 | 0,024339 | -0,01225 | 0,286743 | 0,193515 |
| 87 | 0,635748 | -0,08318 | -0,10456 | 0,153125 | 0,024339 | -0,01225 | 0,286743 | 0,736515 |
| 88 | 0,635748 | -0,08318 | -0,10456 | 0,153125 | 1,080556 | 1,331864 | 0,999151 | 0,736515 |
| 89 | 1,168189 | 0,966628 | 1,086023 | 1,358483 | 1,080556 | 1,331864 | 0,999151 | 0,736515 |
| 90 | 1,168189 | 0,966628 | 1,086023 | 1,358483 | 1,080556 | 1,331864 | 0,999151 | 0,736515 |
| 91 | 1,168189 | 0,966628 | 1,086023 | 1,358483 | 1,080556 | 1,331864 | 0,999151 | 1,045302 |
| 92 | 1,168189 | 0,966628 | 1,086023 | 1,358483 | 0,770627 | 0,568286 | 1,036185 | 1,045302 |
| 93 | 0,586644 | 0,469537 | 0,685791 | 0,843512 | 0,770627 | 0,568286 | 1,036185 | 1,045302 |
| 94 | 0,586644 | 0,469537 | 0,685791 | 0,843512 | 0,770627 | 0,568286 | 1,036185 | -1,48693 |
| 95 | 0,586644 | 0,469537 | 0,685791 | 0,843512 | -1,60594 | -1,1343 | -1,47481 | -1,48693 |
| 96 | -1,95138 | -1,92417 | -1,55636 | -1,73414 | -1,60594 | -1,1343 | -1,47481 | -0,11621 |
| 97 | -1,95138 | -1,92417 | -1,55636 | -1,73414 | 0,048637 | 0,018417 | 0,250718 | -0,98886 |
| 98 | 0,640142 | -0,51384 | 0,041865 | 0,483787 | -1,14509 | -0,77572 | -1,07536 | -0,98886 |
| 99 | -1,08071 | -1,03003 | -1,17988 | -1,47579 | -1,14509 | -0,77572 | -1,07536 | -0,98886 |
| 100 | -1,08071 | -1,03003 | -1,17988 | -1,47579 | -1,14509 | -0,77572 | -1,07536 | -0,98886 |
| 101 | -1,08071 | -1,03003 | -1,17988 | -1,47579 | -1,14509 | -0,77572 | -1,07536 | -0,98886 |
| 102 | -1,08071 | -1,03003 | -1,17988 | -1,47579 | -1,14509 | -0,77572 | -1,07536 | -0,63066 |
| 103 | -1,08071 | -1,03003 | -1,17988 | -1,47579 | -0,73449 | -0,92604 | -0,32476 | -0,63066 |
| 104 | -0,77443 | -0,88413 | -0,60017 | -0,57184 | -0,73449 | -0,92604 | -0,32476 | -0,63066 |
| 105 | -0,77443 | -0,88413 | -0,60017 | -0,57184 | -0,73449 | -0,92604 | -0,32476 | 0,001153 |
| 106 | -0,77443 | -0,88413 | -0,60017 | -0,57184 | -0,39659 | -0,2503 | -0,56274 | 0,001153 |
| 107 | 0,220957 | 0,130638 | -0,32385 | -0,05539 | -0,39659 | -0,2503 | -0,56274 | 0,001153 |
| 108 | 0,220957 | 0,130638 | -0,32385 | -0,05539 | -0,39659 | -0,2503 | -0,56274 | 0,001153 |
| 109 | 0,220957 | 0,130638 | -0,32385 | -0,05539 | -0,39659 | -0,2503 | -0,56274 | 0,001153 |
| 110 | 0,220957 | 0,130638 | -0,32385 | -0,05539 | -0,39659 | -0,2503 | -0,56274 | -1,94962 |
| 111 | 0,220957 | 0,130638 | -0,32385 | -0,05539 | -1,49337 | -0,34675 | 0,053628 | 0,392843 |
| 112 | -0,47279 | -0,66295 | 0,077539 | -0,01542 | -0,18066 | 0,390418 | 0,595924 | -1,20615 |
| 113 | -0,66766 | -0,37239 | -0,72635 | 0,285104 | -0,41746 | -0,31554 | 0,664428 | -0,68109 |
| 114 | -1,69712 | -0,87296 | -0,31696 | 0,279685 | -0,31141 | -0,12172 | 0,115113 | -0,6312 |
| 115 | -0,80387 | -0,08893 | 0,149549 | 0,109125 | -1,43966 | -0,92102 | -0,77779 | 0,710945 |
| 116 | -1,70875 | -1,10066 | -0,8464 | -1,29553 | 0,672317 | -0,36814 | 0,733326 | 0,24272 |
| 117 | 0,304275 | -0,1904 | 0,528459 | -0,56208 | 0,173884 | -0,57313 | 0,848724 | -1,13409 |
| 118 | 0,08756 | -0,93593 | -0,11013 | -1,08273 | -0,61077 | -1,20383 | -0,60561 | -0,87218 |
| 119 | -0,35223 | -0,59873 | -0,71365 | -0,71094 | 0,236241 | 0,005494 | -0,03278 | -1,43086 |
| 120 | -0,19517 | 0,565926 | -0,74107 | -0,43268 | -0,48301 | -0,72825 | -0,23532 | -0,84564 |
| 121 | -0,89474 | -0,63338 | -0,44597 | -1,01271 | -0,56495 | -1,14 | -0,75525 | -0,65685 |
| 122 | -0,25868 | -0,41842 | -1,15962 | -0,0948 | -0,04662 | 0,417195 | -0,04699 | -0,54944 |
| 123 | 0,024485 | 0,489339 | -1,02413 | -0,23761 | -0,09937 | -0,23463 | 0,396637 | -0,42381 |
| 124 | -0,50392 | -0,40489 | -1,03031 | -0,87818 | 0,184695 | 0,065813 | -0,60639 | -0,4717 |
| 125 | -0,18827 | -0,88003 | -0,78301 | -0,12281 | -0,77889 | -0,75493 | -0,85962 | -0,4717 |
| 126 | -0,96818 | -0,73348 | -0,8524 | -0,50799 | -0,77889 | -0,75493 | -0,85962 | -0,87548 |
| 127 | -0,96818 | -0,73348 | -0,8524 | -0,50799 | -1,78919 | -1,23436 | -1,3847 | -0,87548 |
| 128 | -1,40673 | -1,64863 | -1,15609 | -0,9167 | -1,78919 | -1,23436 | -1,3847 | -1,39383 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -1,40673 | -1,64863 | -1,15609 | -0,9167 | -2,41884 | -1,8856 | -2,22559 | -0,66379 |
| 130 | -0,71414 | -0,55835 | -0,86498 | -1,60912 | -0,15928 | -0,41827 | 0,270723 | -0,1524 |
| 131 | -0,45283 | -0,54923 | -0,39374 | -0,66194 | -0,56635 | -0,21664 | -0,62151 | -0,8895 |
| 132 | -1,32341 | -1,69125 | -0,20875 | -0,26521 | -1,14762 | -0,37693 | -0,66142 | 0,788071 |
| 133 | -1,12946 | -0,66768 | -1,02036 | -0,72488 | 1,785481 | 2,075457 | 1,750113 | 0,054949 |
| 134 | 1,660466 | 1,211274 | 1,463426 | 1,52314 | 0,089435 | -0,03635 | 0,517374 | 1,446744 |
| 135 | 0,841523 | 0,233217 | -0,19334 | -0,31716 | 0,72424 | 1,680419 | 1,029516 | -0,85298 |
| 136 | 1,15985 | 1,321337 | 1,350024 | 0,589897 | -0,86693 | -0,98472 | -1,04764 | 0,634508 |
| 137 | 0,328678 | 0,074976 | -0,23453 | -0,75079 | 0,592909 | -0,45838 | 0,648215 | -0,76996 |
| 138 | 0,555807 | 0,468385 | -0,02942 | 0,467285 | -0,68632 | -0,29085 | 0,338792 | 0,360463 |
| 139 | 0,041792 | -0,69716 | 0,502651 | 0,055985 | 0,337192 | 0,489799 | 0,449222 | 0,003514 |
| 140 | 1,128356 | 1,033852 | 0,66424 | -0,04072 | 1,285119 | -1,4664 | 0,986261 | 1,424149 |
| 141 | 2,141291 | 1,551292 | 1,48429 | 1,13818 | 0,876714 | 1,289382 | 1,501382 | 1,032451 |
| 142 | 1,597937 | 2,286445 | 2,102466 | 1,020821 | 0,222001 | 0,203878 | 1,147984 | 0,800323 |
| 143 | 0,904734 | 0,871546 | 0,97912 | -0,32549 | 0,361387 | 0,520186 | 1,310665 | 2,422051 |
| 144 | 1,583166 | 1,939667 | 1,63977 | 0,05374 | 1,774163 | 1,792422 | 1,401223 | 1,375665 |
| 145 | 2,225222 | 2,453414 | 2,235676 | 1,666663 | -0,54762 | -0,14843 | 0,240484 | 1,666126 |
| 146 | 0,156548 | 0,304522 | -0,52868 | -0,08805 | 1,649864 | 2,58037 | 1,915657 | 1,958956 |
| 147 | 0,833424 | 1,288634 | 0,772682 | 1,63428 | 2,050656 | 2,410706 | 2,262536 | 1,958956 |
| 148 | 0,990206 | 1,341873 | 1,753254 | 1,826797 | 2,050656 | 2,410706 | 2,262536 | 1,958956 |
| 149 | 0,990206 | 1,341873 | 1,753254 | 1,826797 | 2,050656 | 2,410706 | 2,262536 | -0,11601 |
| 150 | 0,990206 | 1,341873 | 1,753254 | 1,826797 | -0,29913 | 0,199055 | 0,003413 | 0,168133 |
| 151 | -0,9613 | -0,961 | 0,040058 | -0,57289 | 0,2866 | 0,03608 | -0,50781 | 1,848497 |
| 152 | 0,127892 | 0,129106 | -0,00845 | -0,66954 | 1,312053 | 0,910003 | 1,190987 | 2,967963 |
| 153 | 0,654762 | 1,186914 | 1,539229 | 1,313846 | 2,532455 | 2,71736 | 2,75475 | 2,967963 |
| 154 | 2,060418 | 1,828345 | 2,393628 | 2,346869 | 2,532455 | 2,71736 | 2,75475 | 2,967963 |
| 155 | 2,060418 | 1,828345 | 2,393628 | 2,346869 | 2,532455 | 2,71736 | 2,75475 | 2,967963 |
| 156 | 2,060418 | 1,828345 | 2,393628 | 2,346869 | 2,532455 | 2,71736 | 2,75475 | 2,967963 |
| 157 | 2,060418 | 1,828345 | 2,393628 | 2,346869 | 2,532455 | 2,71736 | 2,75475 | 1,315794 |
| 158 | 2,060418 | 1,828345 | 2,393628 | 2,346869 | 0,923533 | 1,501254 | 1,209201 | 1,315794 |
| 159 | 0,513082 | 0,468927 | 0,565252 | 0,629329 | 0,923533 | 1,501254 | 1,209201 | 1,315794 |
| 160 | 0,513082 | 0,468927 | 0,565252 | 0,629329 | 0,923533 | 1,501254 | 1,209201 | 0,574525 |
| 161 | 0,513082 | 0,468927 | 0,565252 | 0,629329 | 0,208673 | 0,682365 | 0,77251 | 0,574525 |
| 162 | 0,183205 | 0,525908 | 0,07981 | 0,61992 | 0,208673 | 0,682365 | 0,77251 | -0,37173 |
| 163 | 0,183205 | 0,525908 | 0,07981 | 0,61992 | 0,163978 | 0,293053 | 0,906155 | 0,428105 |
| 164 | 0,576699 | 0,170548 | 0,854319 | 0,754863 | 0,48491 | 0,599375 | 0,322232 | 0,428105 |
| 165 | 0,446989 | 0,359657 | 0,336382 | 0,400127 | 0,48491 | 0,599375 | 0,322232 | -0,25451 |
| 166 | 0,446989 | 0,359657 | 0,336382 | 0,400127 | 0,136342 | -0,2604 | -0,12576 | -0,25451 |
| 167 | 0,200156 | -0,45681 | -0,25341 | 0,117466 | 0,136342 | -0,2604 | -0,12576 | 1,627094 |
| 168 | 0,200156 | -0,45681 | -0,25341 | 0,117466 | 1,713242 | 1,623783 | 1,229533 | 1,627094 |
| 169 | 1,016557 | 0,998402 | 1,267202 | 1,541467 | 1,713242 | 1,623783 | 1,229533 | 1,627094 |
| 170 | 1,016557 | 0,998402 | 1,267202 | 1,541467 | 1,713242 | 1,623783 | 1,229533 | 1,625631 |
| 171 | 1,016557 | 0,998402 | 1,267202 | 1,541467 | 0,639981 | 1,119164 | 0,805803 | -0,41658 |
| 172 | 0,979159 | 0,806132 | 0,658457 | 0,724466 | -0,76919 | -0,73598 | -0,76647 | 0,066628 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | -0,44717 | -0,5473 | -0,89084 | -0,77957 | 0,407828 | 0,208903 | 0,231763 | 0,182177 |
| 174 | 0,064482 | -0,15223 | -0,42503 | -0,37915 | -0,347 | -0,02244 | -0,3096 | 0,152151 |
| 175 | 0,003377 | 0,514673 | 0,308574 | -0,30029 | -0,29158 | 0,417667 | 0,754955 | 0,900418 |
| 176 | -0,61824 | -0,44307 | -0,48819 | 0,091128 | 0,04922 | 1,385719 | 0,812434 | 0,523702 |
| 177 | 1,298118 | 0,351697 | 0,190004 | 0,920733 | 0,701149 | 0,870594 | 0,848728 | 0,429605 |
| 178 | -0,33629 | 0,02562 | 0,746243 | 1,002247 | 1,166105 | -0,64472 | 0,293249 | 1,496851 |
| 179 | -0,05463 | -0,19541 | 0,641296 | 0,404696 | 1,458879 | 0,964491 | 1,074927 | 1,496851 |
| 180 | 0,497793 | 0,790775 | 1,05428 | 1,380863 | 1,458879 | 0,964491 | 1,074927 | 1,25319 |
| 181 | 0,497793 | 0,790775 | 1,05428 | 1,380863 | 1,640197 | 1,534238 | 1,669535 | -0,29459 |
| 182 | 0,868914 | 1,138353 | 1,508643 | 1,215322 | 0,758153 | 0,547503 | -0,03107 | -1,1958 |
| 183 | -1,01532 | -0,27881 | 0,242395 | 0,222033 | -0,75502 | -0,34169 | -0,47978 | -0,34414 |
| 184 | -0,69485 | -0,72219 | -1,14893 | -0,91456 | -0,91254 | -0,70148 | -0,34708 | -0,34414 |
| 185 | -0,65386 | -1,07944 | -1,32721 | -0,44499 | -0,91254 | -0,70148 | -0,34708 | 1,807118 |
| 186 | -0,65386 | -1,07944 | -1,32721 | -0,44499 | 1,698644 | 1,733273 | 1,58908 | 1,807118 |
| 187 | 1,548207 | 1,303498 | 1,466003 | 1,43881 | 1,698644 | 1,733273 | 1,58908 | 0,773392 |
| 188 | 1,548207 | 1,303498 | 1,466003 | 1,43881 | 0,966887 | 1,012727 | 0,236717 | 0,961425 |
| 189 | 0,867435 | 0,604792 | 0,919537 | 0,7135 | 1,080986 | 1,158553 | 1,154166 | 0,961425 |
| 190 | 1,322479 | 1,02923 | 1,516743 | 1,035036 | 1,080986 | 1,158553 | 1,154166 | 0,961425 |
| 191 | 1,322479 | 1,02923 | 1,516743 | 1,035036 | 1,080986 | 1,158553 | 1,154166 | 1,387628 |
| 192 | 1,322479 | 1,02923 | 1,516743 | 1,035036 | 1,02378 | 1,524161 | 1,392917 | 1,387628 |
| 193 | 1,49662 | 1,022097 | 1,445211 | 1,459108 | 1,02378 | 1,524161 | 1,392917 | 1,387628 |
| 194 | 1,49662 | 1,022097 | 1,445211 | 1,459108 | 1,02378 | 1,524161 | 1,392917 | 2,115086 |
| 195 | 1,49662 | 1,022097 | 1,445211 | 1,459108 | 2,042018 | 1,988261 | 1,884938 | 2,115086 |
| 196 | 0,859003 | 1,262056 | 1,42773 | 1,546135 | 2,042018 | 1,988261 | 1,884938 | 0,283463 |
| 197 | 0,859003 | 1,262056 | 1,42773 | 1,546135 | 0,447959 | 0,079347 | 0,237898 | 0,283463 |
| 198 | 0,162705 | 0,360547 | 0,363136 | 0,699202 | 0,447959 | 0,079347 | 0,237898 | 0,283463 |
| 199 | 0,162705 | 0,360547 | 0,363136 | 0,699202 | 0,447959 | 0,079347 | 0,237898 | 0,430305 |
| 200 | 0,162705 | 0,360547 | 0,363136 | 0,699202 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 201 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 202 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 203 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 204 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 205 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 206 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 207 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 208 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,11554 |
| 209 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,500672 | 0,103537 | 0,49259 | 0,11554 |
| 210 | 0,310727 | 0,625406 | 0,49023 | 0,319283 | 0,500672 | 0,103537 | 0,49259 | 0,11554 |
| 211 | 0,310727 | 0,625406 | 0,49023 | 0,319283 | 0,500672 | 0,103537 | 0,49259 | 0,209853 |
| 212 | 0,310727 | 0,625406 | 0,49023 | 0,319283 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |
| 213 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |
| 214 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |
| 215 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |
| 216 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |
| 218 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,209853 |
| 219 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,261829 | 0,142842 | 0,277962 | 0,430305 |
| 220 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,267232 | 0,299105 | 0,330892 | -0,06091 |
| 221 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | -0,40712 | -0,19748 | -0,08064 | -0,06091 |
| 222 | 0,045828 | -0,29843 | -0,13331 | 0,287906 | -0,40712 | -0,19748 | -0,08064 | -4,21985 |
| 223 | 0,045828 | -0,29843 | -0,13331 | 0,287906 | -2,74791 | -3,07678 | -3,83815 | 0,541062 |
| 224 | -1,30854 | -1,79954 | -2,02487 | -2,15232 | -0,06436 | 0,049094 | -0,12481 | 0,739566 |
| 225 | 0,641467 | -0,13133 | 0,335001 | 0,172836 | 1,540547 | 1,541949 | 1,262004 | 0,739566 |
| 226 | 1,357857 | 1,323925 | 1,515259 | 1,567084 | 1,540547 | 1,541949 | 1,262004 | 1,807118 |
| 227 | 1,357857 | 1,323925 | 1,515259 | 1,567084 | 1,698644 | 1,733273 | 1,58908 | 0,773392 |
| 228 | 1,548207 | 1,303498 | 1,466003 | 1,43881 | 0,966887 | 1,012727 | 0,236717 | -4,21985 |
| 229 | 0,867435 | 0,604792 | 0,919537 | 0,7135 | -2,74791 | -3,07678 | -3,83815 | 1,120649 |
| 230 | -1,30854 | -1,79954 | -2,02487 | -2,15232 | 1,345195 | 1,316303 | 0,712681 | 1,120649 |
| 231 | 0,621143 | 1,054236 | 1,623975 | 1,263951 | 1,345195 | 1,316303 | 0,712681 | 1,120649 |
| 232 | 0,621143 | 1,054236 | 1,623975 | 1,263951 | 1,345195 | 1,316303 | 0,712681 | 1,120649 |
| 233 | 0,621143 | 1,054236 | 1,623975 | 1,263951 | 1,345195 | 1,316303 | 0,712681 | 1,376045 |
| 234 | 0,621143 | 1,054236 | 1,623975 | 1,263951 | 1,071014 | 1,503115 | 1,810208 | 1,376045 |
| 235 | 1,356734 | 1,135731 | 1,125762 | 0,885218 | 1,071014 | 1,503115 | 1,810208 | 0,430305 |
| 236 | 1,356734 | 1,135731 | 1,125762 | 0,885218 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 237 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 238 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,11554 |
| 239 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,500672 | 0,103537 | 0,49259 | 0,11554 |
| 240 | 0,310727 | 0,625406 | 0,49023 | 0,319283 | 0,500672 | 0,103537 | 0,49259 | 0,430305 |
| 241 | 0,310727 | 0,625406 | 0,49023 | 0,319283 | 0,267232 | 0,299105 | 0,330892 | 0,430305 |
| 242 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,267232 | 0,299105 | 0,330892 | 0,209853 |
| 243 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 0,261829 | 0,142842 | 0,277962 | 0,430305 |
| 244 | 0,042409 | 0,091081 | 0,174604 | 0,060575 | 0,267232 | 0,299105 | 0,330892 | 2,115086 |
| 245 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | 2,042018 | 1,988261 | 1,884938 | 2,115086 |
| 246 | 0,859003 | 1,262056 | 1,42773 | 1,546135 | 2,042018 | 1,988261 | 1,884938 | 2,115086 |
| 247 | 0,859003 | 1,262056 | 1,42773 | 1,546135 | 2,042018 | 1,988261 | 1,884938 | 2,115086 |
| 248 | 0,859003 | 1,262056 | 1,42773 | 1,546135 | 2,042018 | 1,988261 | 1,884938 | -1,59329 |
| 249 | 0,859003 | 1,262056 | 1,42773 | 1,546135 | -0,72715 | -0,88304 | -1,56396 | -1,59329 |
| 250 | -0,23187 | -0,31434 | -0,55 | -0,83111 | -0,72715 | -0,88304 | -1,56396 | -1,59329 |
| 251 | -0,23187 | -0,31434 | -0,55 | -0,83111 | -0,72715 | -0,88304 | -1,56396 | -0,41465 |
| 252 | -0,23187 | -0,31434 | -0,55 | -0,83111 | -0,02863 | 0,946809 | 1,032308 | -4,21985 |
| 253 | 0,555508 | 0,600132 | 0,563639 | 0,605194 | -2,74791 | -3,07678 | -3,83815 | -4,21985 |
| 254 | -1,30854 | -1,79954 | -2,02487 | -2,15232 | -2,74791 | -3,07678 | -3,83815 | -4,21985 |
| 255 | -1,30854 | -1,79954 | -2,02487 | -2,15232 | -2,74791 | -3,07678 | -3,83815 | 0,430305 |
| 256 | -1,30854 | -1,79954 | -2,02487 | -2,15232 | 0,267232 | 0,299105 | 0,330892 | |
| 257 | 0,188561 | 0,193007 | 0,168262 | 0,232809 | | | | |

Tablica D1 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 17.378 | 19.055 | 20.893 | 22.909 | 25.119 | 27.542 | 30.2 | 33.113 |
| 1 | 0,721069 | 0,268364 | 1,069947 | 0,787903 | 0,160217 | 0,373003 | 0,731995 | 0,713096 |
| 2 | 0,138195 | 0,284741 | 0,398261 | 0,788773 | -1,33032 | -2,12565 | -3,03844 | -4,89003 |
| 3 | 0,737627 | -0,55693 | -3,54934 | -7,63777 | -1,33032 | -2,12565 | -3,03844 | -4,89003 |
| 4 | 2,30531 | 2,2871 | 1,444645 | -3,05705 | -1,62666 | -1,71491 | -1,39492 | -0,97657 |
| 5 | -0,15429 | -0,26498 | -2,67282 | -8,44302 | -1,62666 | -1,71491 | -1,39492 | -0,97657 |
| 6 | 4,226948 | 3,860245 | 2,759116 | 3,606338 | -1,62666 | -1,71491 | -1,39492 | -0,97657 |
| 7 | -0,61701 | -0,20985 | 0,052176 | 0,08122 | -0,53457 | -0,61415 | 0,666171 | 0,166239 |
| 8 | 1,198711 | 0,952707 | 0,504641 | 1,281082 | -2,52206 | -1,648 | -2,32607 | -2,51125 |
| 9 | 0,891599 | 1,254134 | 0,992116 | 1,003911 | -1,48557 | -1,18807 | -1,85112 | -0,37712 |
| 10 | -0,29743 | 0,728654 | -0,02689 | -0,75177 | -0,0767 | -0,27578 | -0,40191 | 0,113923 |
| 11 | 0,765098 | 0,469012 | 0,196631 | 0,777869 | -0,91436 | -1,27036 | -0,67826 | -0,67214 |
| 12 | -1,4522 | -1,38375 | -1,43906 | -0,89884 | -0,91436 | -1,27036 | -0,67826 | -0,67214 |
| 13 | -1,4522 | -1,38375 | -1,43906 | -0,89884 | -0,91436 | -1,27036 | -0,67826 | -0,67214 |
| 14 | 2,50941 | 2,895519 | -1,3401 | -1,17863 | -1,47317 | -1,1268 | -1,00608 | -0,59687 |
| 15 | -1,57387 | -1,88994 | -1,3401 | -1,17863 | -1,1395 | -1,64945 | -2,02088 | -0,61071 |
| 16 | -1,57387 | -1,88994 | -1,3401 | -1,17863 | -0,30761 | -0,0097 | -0,09651 | -0,3659 |
| 17 | -1,57387 | -1,88994 | -0,07843 | 0,95529 | 0,059607 | -0,11579 | -0,35584 | -0,22074 |
| 18 | -1,57387 | -1,88994 | -2,14534 | -2,28686 | 0,059607 | -0,11579 | -0,35584 | -0,22074 |
| 19 | -0,62634 | -1,47005 | -2,14534 | -2,28686 | -0,84286 | -1,07582 | -0,26606 | -0,56493 |
| 20 | -1,92215 | -1,6284 | -2,14534 | -2,28686 | -4,70917 | -5,97919 | -6,19664 | -6,74478 |
| 21 | -1,92215 | -1,6284 | -0,90344 | -1,25328 | -4,70917 | -5,97919 | -6,19664 | -6,74478 |
| 22 | -1,92215 | -1,6284 | 0,642338 | 0,179335 | -0,07741 | -0,16232 | -1,28665 | -2,18879 |
| 23 | -1,92215 | -1,6284 | -1,28836 | -0,42644 | -2,28865 | -2,59013 | -2,99308 | -2,93197 |
| 24 | -0,57375 | -0,56468 | -1,28836 | -0,42644 | -2,28865 | -2,59013 | -2,99308 | -2,93197 |
| 25 | 0,02051 | 0,300817 | -1,28836 | -0,42644 | -2,28865 | -2,59013 | -2,99308 | -2,93197 |
| 26 | -1,26466 | -1,28835 | -0,94353 | -1,08705 | -0,65222 | -0,04632 | 1,1741 | 0,394987 |
| 27 | -1,26466 | -1,28835 | -1,29234 | -0,06309 | 0,529868 | 0,197387 | 0,44601 | 0,93516 |
| 28 | -1,26466 | -1,28835 | -0,79643 | 0,329999 | -1,40382 | -2,08903 | -1,55507 | -2,05045 |
| 29 | -1,81365 | -1,62852 | -0,22433 | -0,26892 | 0,892373 | 1,271764 | 2,219659 | 1,336608 |
| 30 | -1,18286 | -0,94798 | -0,22433 | -0,26892 | 0,904515 | -0,41037 | 0,352157 | 0,858056 |
| 31 | -0,28302 | -0,66315 | -0,60916 | -1,28998 | -0,81526 | -0,22341 | -0,40376 | -0,35535 |
| 32 | 0,399953 | 0,131218 | -3,83846 | -4,16249 | -0,81526 | -0,22341 | -0,40376 | -0,35535 |
| 33 | 0,399953 | 0,131218 | -3,83846 | -4,16249 | -0,8905 | -1,3667 | -1,23528 | -1,32584 |
| 34 | -0,8623 | -0,35099 | -0,55443 | -0,44847 | -0,8905 | -1,3667 | -1,23528 | -1,32584 |
| 35 | -3,07431 | -3,33669 | -1,684 | -1,90656 | 0,121797 | -0,2566 | 0,574284 | 0,392634 |
| 36 | -3,07431 | -3,33669 | -1,684 | -1,90656 | -1,12983 | -0,84351 | -0,83824 | -0,5901 |
| 37 | 0,409272 | 0,193386 | -1,684 | -1,90656 | -0,17295 | -0,32 | 0,30607 | 1,209299 |
| 38 | -1,29304 | -1,63993 | 0,728211 | -0,41968 | -0,32345 | -0,19755 | -0,52012 | -0,71312 |
| 39 | -1,29304 | -1,63993 | 0,094801 | 1,033141 | -1,2367 | -0,57742 | -2,01185 | -0,7094 |
| 40 | -1,29304 | -1,63993 | -0,74834 | -1,56492 | -1,27232 | -0,65361 | 0,082574 | -0,33059 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -0,32291 | -0,12786 | 1,451028 | 1,606382 | -0,04179 | 0,297735 | 0,905581 | 0,915417 |
| 42 | 0,195718 | 0,714899 | -0,35329 | 0,507718 | 0,046267 | 0,019956 | 0,141626 | 0,61053 |
| 43 | -1,50794 | -1,79214 | -0,86052 | -0,47165 | -1,91729 | -2,30805 | -2,44035 | -2,05991 |
| 44 | 1,501997 | 1,469822 | -0,86052 | -0,47165 | -2,36482 | -3,20007 | -3,31176 | -2,7954 |
| 45 | 0,324603 | 0,264747 | -2,04821 | -1,22152 | -3,12639 | -3,0421 | -3,37649 | -2,97506 |
| 46 | -1,07965 | -1,67567 | -2,04821 | -1,22152 | -3,12639 | -3,0421 | -3,37649 | -2,97506 |
| 47 | -1,07965 | -1,67567 | 0,596964 | 0,037 | -2,9132 | -2,74577 | -2,47651 | -1,85438 |
| 48 | -1,87114 | -2,53648 | -0,9031 | -0,69648 | -0,11271 | -0,06301 | -0,06053 | -0,21131 |
| 49 | -1,87114 | -2,53648 | 0,541929 | 0,40373 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 50 | 0,937299 | 0,305677 | -0,17105 | -0,53084 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 51 | -0,93568 | -0,87436 | -0,82511 | -0,61484 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 52 | 0,150349 | -0,73027 | -0,68451 | -0,466 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 53 | -1,20311 | -1,03817 | -0,66355 | -0,19173 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 54 | -0,42528 | -1,65509 | 0,29803 | 0,68777 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 55 | -0,36917 | 0,209165 | -0,60335 | -1,44999 | -0,84369 | -0,69328 | -0,5962 | -1,12645 |
| 56 | -1,12269 | -1,0375 | -1,77563 | -1,89673 | -0,84369 | -0,69328 | -0,5962 | -1,12645 |
| 57 | -0,08668 | 0,854634 | -2,84396 | -2,28508 | -0,84369 | -0,69328 | -0,5962 | -1,12645 |
| 58 | -1,11674 | -0,18702 | -2,84396 | -2,28508 | -0,84369 | -0,69328 | -0,5962 | -1,12645 |
| 59 | -1,68155 | -0,82496 | -2,44186 | -2,67194 | -1,35769 | -1,65128 | -1,593 | -1,31076 |
| 60 | -2,77271 | -2,72824 | -0,34208 | -0,2915 | -1,35769 | -1,65128 | -1,593 | -1,31076 |
| 61 | -2,77271 | -2,72824 | -0,27542 | -0,23328 | -1,35769 | -1,65128 | -1,593 | -1,31076 |
| 62 | -2,79071 | -2,86543 | -0,27542 | -0,23328 | -1,35769 | -1,65128 | -1,593 | -1,31076 |
| 63 | -0,18118 | 0,323018 | -0,27542 | -0,23328 | -0,7569 | -1,00457 | -0,39588 | 0,048244 |
| 64 | -0,52276 | -0,4638 | -0,27542 | -0,23328 | -0,7569 | -1,00457 | -0,39588 | 0,048244 |
| 65 | -0,52276 | -0,4638 | -0,27542 | -0,23328 | -0,7569 | -1,00457 | -0,39588 | 0,048244 |
| 66 | -0,52276 | -0,4638 | -0,27542 | -0,23328 | -1,47744 | -1,111 | -1,03418 | -0,77754 |
| 67 | -0,52276 | -0,4638 | -1,05339 | -0,5949 | 0,556073 | -0,73389 | -1,4495 | -1,99871 |
| 68 | -0,52276 | -0,4638 | -1,05339 | -0,5949 | 1,21639 | 0,555546 | 1,311247 | 1,295536 |
| 69 | -0,52276 | -0,4638 | -1,05339 | -0,5949 | 1,21639 | 0,555546 | 1,311247 | 1,295536 |
| 70 | -1,03358 | -0,98477 | -1,05339 | -0,5949 | 1,21639 | 0,555546 | 1,311247 | 1,295536 |
| 71 | -1,03358 | -0,98477 | -1,37567 | -1,5299 | 0,812786 | 1,234255 | 0,921257 | 0,54896 |
| 72 | -1,03358 | -0,98477 | -1,37567 | -1,5299 | 0,812786 | 1,234255 | 0,921257 | 0,54896 |
| 73 | -1,03358 | -0,98477 | -1,37567 | -1,5299 | 0,812786 | 1,234255 | 0,921257 | 0,54896 |
| 74 | -1,36215 | -1,45867 | -1,37567 | -1,5299 | 0,812786 | 1,234255 | 0,921257 | 0,54896 |
| 75 | -1,36215 | -1,45867 | -0,77915 | -1,41781 | 0,678995 | 0,795227 | 0,879892 | 0,597958 |
| 76 | -1,36215 | -1,45867 | -0,77915 | -1,41781 | 0,678995 | 0,795227 | 0,879892 | 0,597958 |
| 77 | -1,36215 | -1,45867 | -0,77915 | -1,41781 | 0,678995 | 0,795227 | 0,879892 | 0,597958 |
| 78 | -1,28847 | -1,33788 | -1,22957 | -1,31526 | -1,5352 | -1,11084 | -1,09964 | -1,16674 |
| 79 | -1,28847 | -1,33788 | 0,928823 | 1,290127 | -1,5352 | -1,11084 | -1,09964 | -1,16674 |
| 80 | -1,28847 | -1,33788 | 0,16834 | 0,711018 | 0,881841 | 1,124563 | 1,902645 | 1,647429 |
| 81 | 0,303711 | -0,07441 | 0,16834 | 0,711018 | -1,12983 | -0,84351 | -0,83824 | -0,5901 |
| 82 | 0,681502 | 1,861472 | 0,16834 | 0,711018 | -1,12983 | -0,84351 | -0,83824 | -0,5901 |
| 83 | -0,01502 | 0,33593 | 1,405873 | 1,239287 | -1,12983 | -0,84351 | -0,83824 | -0,5901 |
| 84 | -0,01502 | 0,33593 | 1,405873 | 1,239287 | -1,12983 | -0,84351 | -0,83824 | -0,5901 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | -0,01502 | 0,33593 | 1,405873 | 1,239287 | -1,12983 | -0,84351 | -0,83824 | -0,5901 |
| 86 | 0,913498 | 0,613862 | 1,405873 | 1,239287 | -1,06201 | -0,50017 | -0,97586 | -0,81824 |
| 87 | 0,913498 | 0,613862 | 1,181992 | 0,8562 | -1,06201 | -0,50017 | -0,97586 | -0,81824 |
| 88 | 0,913498 | 0,613862 | 1,181992 | 0,8562 | -1,06201 | -0,50017 | -0,97586 | -0,81824 |
| 89 | 0,913498 | 0,613862 | 1,181992 | 0,8562 | -0,27359 | -0,37666 | -0,29227 | -0,09718 |
| 90 | 0,7435 | 0,881598 | -1,48246 | -1,13593 | -0,27359 | -0,37666 | -0,29227 | -0,09718 |
| 91 | 0,7435 | 0,881598 | -1,48246 | -1,13593 | -0,27359 | -0,37666 | -0,29227 | -0,09718 |
| 92 | 0,7435 | 0,881598 | 1,236645 | 0,790658 | -0,27359 | -0,37666 | -0,29227 | -0,09718 |
| 93 | -1,20654 | -1,60434 | -0,9031 | -0,69648 | -0,27359 | -0,37666 | -0,29227 | -0,09718 |
| 94 | -1,20654 | -1,60434 | -0,9031 | -0,69648 | -0,76004 | -0,62025 | -0,70957 | -0,86816 |
| 95 | 0,328832 | 0,45168 | -0,9031 | -0,69648 | -0,50866 | -0,87314 | 0,12783 | -0,31158 |
| 96 | -0,93568 | -0,87436 | -0,9031 | -0,69648 | -0,18143 | 0,187247 | 0,780888 | 1,715295 |
| 97 | -0,93568 | -0,87436 | -0,9031 | -0,69648 | -0,05852 | 0,099668 | 0,444364 | 2,411141 |
| 98 | -0,93568 | -0,87436 | -0,9279 | -1,1219 | 0,235422 | -0,37031 | -0,43748 | 1,519009 |
| 99 | -0,93568 | -0,87436 | -0,9279 | -1,1219 | 0,148659 | 0,516164 | 0,871829 | 1,617816 |
| 100 | -0,93568 | -0,87436 | -0,9279 | -1,1219 | 0,199249 | -0,54857 | 0,221954 | 0,423632 |
| 101 | -0,87029 | -0,9758 | -0,4072 | -0,58246 | 0,685891 | 1,072304 | 1,23188 | 1,832399 |
| 102 | -0,87029 | -0,9758 | -0,4072 | -0,58246 | 0,203935 | 0,613375 | 0,418939 | -0,8611 |
| 103 | -0,87029 | -0,9758 | -0,4072 | -0,58246 | 0,282103 | 0,344305 | -0,30651 | 0,90539 |
| 104 | -0,15794 | -0,0682 | -0,4072 | -0,58246 | 0,087797 | 0,414951 | 0,475605 | 0,34176 |
| 105 | -0,15794 | -0,0682 | -0,4072 | -0,58246 | -0,13273 | 0,536293 | 0,797165 | 1,137876 |
| 106 | -0,15794 | -0,0682 | -0,72359 | -0,14187 | 0,393469 | 0,80575 | 0,406733 | 1,475527 |
| 107 | -0,15794 | -0,0682 | 0,339887 | 1,13444 | -0,0272 | 0,527006 | 1,046179 | 1,640539 |
| 108 | -0,15794 | -0,0682 | -0,31078 | 0,175646 | -1,2574 | -1,67369 | -1,6816 | -1,86248 |
| 109 | -0,79762 | -1,06291 | -0,17915 | 0,004143 | -1,2574 | -1,67369 | -1,6816 | -1,86248 |
| 110 | 0,664507 | 1,176668 | -0,66449 | -0,89796 | -2,2021 | -1,82096 | -2,10365 | -2,68217 |
| 111 | -0,43365 | -0,27328 | 0,526489 | -0,08627 | -2,2021 | -1,82096 | -2,10365 | -2,68217 |
| 112 | -0,11134 | 0,682122 | 0,208952 | -0,38061 | -3,45673 | -4,07063 | -3,83728 | -5,54783 |
| 113 | -0,28545 | -0,3242 | -0,31946 | -0,34819 | 0,514801 | 0,071228 | 0,838696 | 0,565291 |
| 114 | 0,649637 | -0,00511 | -0,53549 | 0,753174 | -1,46832 | -0,48515 | -0,6159 | -1,02132 |
| 115 | 0,287524 | 0,481937 | 0,059855 | -0,47777 | 0,370315 | 0,553672 | 0,155007 | 0,86382 |
| 116 | -1,37597 | -0,29335 | -0,27693 | -0,64165 | 1,701394 | 1,601734 | 2,443489 | 2,659002 |
| 117 | -0,23851 | -0,98019 | 0,336014 | 0,252016 | -0,4388 | 0,161177 | 0,267273 | 0,864119 |
| 118 | -0,29902 | -0,89008 | -0,66252 | -0,0685 | 0,706561 | 0,630161 | 0,715253 | 1,59585 |
| 119 | -0,80899 | -0,69631 | 0,062384 | -0,51956 | -0,15708 | -0,72861 | -0,05799 | -0,19871 |
| 120 | 0,23966 | -0,07425 | -1,98964 | -1,23686 | 0,598624 | 1,179434 | 1,923019 | 2,025783 |
| 121 | -0,40033 | -0,19265 | -1,98964 | -1,23686 | 0,536613 | 0,618037 | 0,940472 | 0,790927 |
| 122 | -0,26185 | 0,434723 | -2,0856 | -1,40613 | 1,117236 | 1,066659 | 1,989193 | 0,757275 |
| 123 | -1,58219 | -1,61261 | -2,0856 | -1,40613 | 1,071968 | 1,86254 | 1,39087 | 1,737972 |
| 124 | -1,58219 | -1,61261 | -2,51773 | -2,81141 | 1,445623 | 1,562732 | 1,488223 | 1,721429 |
| 125 | -1,93433 | -1,39403 | 0,122753 | 0,605835 | 1,162667 | 0,99233 | 0,885259 | 0,365838 |
| 126 | -1,93433 | -1,39403 | 0,257057 | -0,15394 | 0,751877 | 0,623864 | -0,08214 | 0,257639 |
| 127 | -1,3843 | -3,42291 | -0,49445 | -0,2459 | 3,026065 | 2,77776 | 1,76691 | 2,150557 |
| 128 | -0,53484 | 0,309938 | 1,711261 | 2,522951 | 0,924125 | 0,62606 | 0,451287 | 0,265109 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | 0,297036 | 0,345814 | -0,11399 | 0,189245 | 1,908745 | 2,366628 | 1,009889 | 1,579206 |
| 130 | -0,47841 | 0,091517 | 0,882054 | 1,292925 | 3,871204 | 2,97967 | 2,610559 | 2,263879 |
| 131 | 1,982557 | 0,82766 | -0,77847 | -1,00589 | 3,871204 | 2,97967 | 2,610559 | 2,263879 |
| 132 | -0,28244 | -0,4657 | 0,757016 | 1,167637 | 3,871204 | 2,97967 | 2,610559 | 2,263879 |
| 133 | 0,74262 | 0,775194 | 1,83356 | 0,010542 | -0,56671 | -0,3114 | -0,48713 | -0,85296 |
| 134 | -0,60132 | -0,84792 | 0,475013 | 0,055223 | -0,03612 | 0,411638 | 0,67018 | 0,750733 |
| 135 | -0,05025 | 0,539042 | 1,128395 | 1,206513 | 1,066382 | 1,493556 | 1,486048 | 1,008278 |
| 136 | -0,39324 | -0,22496 | 1,803016 | 1,58341 | 3,502709 | 3,477425 | 2,877117 | 2,712441 |
| 137 | 0,407477 | 0,518825 | 2,285911 | 1,162159 | 3,502709 | 3,477425 | 2,877117 | 2,712441 |
| 138 | 0,381327 | 0,594884 | 0,778683 | 1,868962 | 3,502709 | 3,477425 | 2,877117 | 2,712441 |
| 139 | 1,028068 | 1,662728 | 1,717428 | 3,561354 | 3,502709 | 3,477425 | 2,877117 | 2,712441 |
| 140 | 1,604615 | 2,022952 | 2,342649 | 1,174302 | 3,502709 | 3,477425 | 2,877117 | 2,712441 |
| 141 | 1,343706 | 1,664139 | 1,918918 | 2,338301 | 1,343387 | 1,312631 | 0,93077 | 0,167359 |
| 142 | 3,34972 | 2,904819 | 2,870268 | 1,773129 | 1,343387 | 1,312631 | 0,93077 | 0,167359 |
| 143 | 1,649239 | 2,210684 | 2,870268 | 1,773129 | 1,343387 | 1,312631 | 0,93077 | 0,167359 |
| 144 | 1,174716 | 0,643399 | 2,870268 | 1,773129 | 0,851557 | 1,318258 | 0,784559 | 0,80728 |
| 145 | 2,612706 | 2,33136 | -0,10926 | 0,118075 | 0,851557 | 1,318258 | 0,784559 | 0,80728 |
| 146 | 2,612706 | 2,33136 | -0,12809 | -0,28083 | 1,712658 | 1,167847 | 1,903526 | 2,21602 |
| 147 | 2,612706 | 2,33136 | 2,172917 | 1,575602 | 0,377589 | 0,863383 | 1,0549 | 1,294611 |
| 148 | -0,34497 | -0,19031 | 2,967057 | 3,309797 | 0,377589 | 0,863383 | 1,0549 | 1,294611 |
| 149 | 0,126282 | -0,83923 | 2,967057 | 3,309797 | -0,11271 | -0,06301 | -0,06053 | -0,21131 |
| 150 | 1,88821 | 1,81055 | 2,967057 | 3,309797 | -0,11271 | -0,06301 | -0,06053 | -0,21131 |
| 151 | 2,785858 | 3,111863 | 2,967057 | 3,309797 | 1,525028 | 1,213913 | 1,912889 | 1,513849 |
| 152 | 2,785858 | 3,111863 | 2,967057 | 3,309797 | 1,525028 | 1,213913 | 1,912889 | 1,513849 |
| 153 | 2,785858 | 3,111863 | 1,01216 | 1,641319 | 1,525028 | 1,213913 | 1,912889 | 1,513849 |
| 154 | 2,785858 | 3,111863 | 1,01216 | 1,641319 | 1,421742 | 1,304524 | 2,023811 | 1,799686 |
| 155 | 2,785858 | 3,111863 | 1,01216 | 1,641319 | -0,61959 | -0,53167 | -0,60254 | -0,41882 |
| 156 | 0,847939 | 1,033381 | 0,697263 | 1,069646 | -0,02946 | -0,50656 | 0,151434 | 0,102644 |
| 157 | 0,847939 | 1,033381 | 0,697263 | 1,069646 | -0,21105 | 1,069152 | -0,52898 | -0,51995 |
| 158 | 0,847939 | 1,033381 | 0,396154 | 0,250556 | 0,940907 | 0,723764 | 0,081333 | 0,187733 |
| 159 | 0,846746 | 0,692761 | 0,830281 | 0,544434 | 0,617184 | 1,648102 | 1,206255 | 0,443904 |
| 160 | 0,846746 | 0,692761 | 0,830281 | 0,544434 | 1,646262 | 2,571031 | 2,843119 | 0,967967 |
| 161 | 0,579542 | 0,905585 | -0,34208 | -0,2915 | 1,319638 | 1,281464 | 1,602757 | 1,434004 |
| 162 | 0,244964 | 0,671347 | -0,34208 | -0,2915 | 1,465111 | 1,995937 | 1,736595 | 1,008592 |
| 163 | 0,244964 | 0,671347 | 2,148172 | 1,414759 | 1,465111 | 1,995937 | 1,736595 | 1,008592 |
| 164 | -0,18118 | 0,323018 | 2,148172 | 1,414759 | 1,859449 | 2,213582 | 0,750095 | 0,568968 |
| 165 | -0,18118 | 0,323018 | 2,148172 | 1,414759 | -1,34502 | -1,02526 | -1,28663 | -0,73085 |
| 166 | 1,629329 | 2,014506 | 1,707608 | 1,603052 | -1,02128 | -1,05106 | -1,52602 | -1,39926 |
| 167 | 1,629329 | 2,014506 | -0,27542 | -0,23328 | -0,08255 | 0,226489 | 0,137321 | 0,835131 |
| 168 | 1,629329 | 2,014506 | 0,33217 | -0,13436 | -0,08255 | 0,226489 | 0,137321 | 0,835131 |
| 169 | 1,387554 | 1,470406 | 0,256135 | 0,229462 | 2,314859 | 2,249579 | 2,357557 | 2,535043 |
| 170 | -0,52276 | -0,4638 | 0,545424 | -0,05531 | 2,314859 | 2,249579 | 2,357557 | 2,535043 |
| 171 | 0,32759 | -0,05777 | 0,405676 | 1,076582 | 2,097912 | 2,0157 | 2,745632 | 2,926959 |
| 172 | -0,27669 | -0,01552 | 1,747691 | 1,991904 | 1,287445 | 1,369254 | 1,025229 | 1,668504 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 0,473742 | 0,777493 | 1,829492 | 1,601185 | 1,287445 | 1,369254 | 1,025229 | 1,668504 |
| 174 | 0,98821 | 0,585516 | 1,605976 | 1,831472 | 1,287445 | 1,369254 | 1,025229 | 1,668504 |
| 175 | 1,386743 | 1,415254 | 1,605976 | 1,831472 | 1,468095 | 1,500069 | 1,798975 | 2,01621 |
| 176 | 0,601067 | 0,358985 | 1,395583 | 1,393288 | 1,468095 | 1,500069 | 1,798975 | 2,01621 |
| 177 | 1,355581 | 1,154437 | -0,14203 | 0,062705 | 1,468095 | 1,500069 | 1,798975 | 2,01621 |
| 178 | 1,355581 | 1,154437 | -0,68156 | -0,8363 | 2,188533 | 2,188161 | 2,165589 | 1,790505 |
| 179 | 1,844914 | 1,615779 | 0,052188 | 0,811251 | 2,188533 | 2,188161 | 2,165589 | 1,790505 |
| 180 | -0,04838 | -0,65622 | 0,052188 | 0,811251 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 181 | -0,39336 | -0,20234 | 1,112227 | 1,444097 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 182 | -0,49519 | -0,31262 | 1,112227 | 1,444097 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 183 | -0,49519 | -0,31262 | 1,316788 | 0,99577 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 184 | 1,548251 | 1,753241 | 1,35072 | 1,494857 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 185 | 1,548251 | 1,753241 | 1,35072 | 1,494857 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 186 | 1,020887 | 1,142254 | 1,35072 | 1,494857 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 187 | 1,093251 | 1,566922 | 1,748997 | 1,704409 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 188 | 1,093251 | 1,566922 | 1,748997 | 1,704409 | -0,22413 | -0,12446 | -0,22087 | -0,25281 |
| 189 | 1,093251 | 1,566922 | 1,748997 | 1,704409 | -0,53818 | -1,59156 | -1,50898 | -0,94392 |
| 190 | 1,669215 | 1,687377 | 2,592223 | 2,78054 | 2,188533 | 2,188161 | 2,165589 | 1,790505 |
| 191 | 1,669215 | 1,687377 | 2,592223 | 2,78054 | 2,188533 | 2,188161 | 2,165589 | 1,790505 |
| 192 | 1,669215 | 1,687377 | -0,19582 | -0,40309 | 2,188533 | 2,188161 | 2,165589 | 1,790505 |
| 193 | 2,290747 | 2,455624 | -0,19582 | -0,40309 | 2,188533 | 2,188161 | 2,165589 | 1,790505 |
| 194 | 2,290747 | 2,455624 | -0,19582 | -0,40309 | -1,89593 | -2,1376 | -2,09382 | -2,52711 |
| 195 | 0,276436 | 0,009678 | 0,484585 | 0,368668 | -1,89593 | -2,1376 | -2,09382 | -2,52711 |
| 196 | 0,276436 | 0,009678 | 0,484585 | 0,368668 | -1,89593 | -2,1376 | -2,09382 | -2,52711 |
| 197 | 0,276436 | 0,009678 | 0,484585 | 0,368668 | 1,295657 | -0,42957 | -1,01784 | -1,49607 |
| 198 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | |
| 199 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | |
| 200 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | |
| 201 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | |
| 202 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | |
| 203 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | |
| 204 | 0,488906 | 0,563017 | 0,379379 | 0,224592 | | | | |
| 205 | 0,488906 | 0,563017 | 0,379379 | 0,224592 | | | | |
| 206 | 0,488906 | 0,563017 | 0,379379 | 0,224592 | | | | |
| 207 | 0,412049 | 0,145949 | -0,26314 | 0,106112 | | | | |
| 208 | 0,412049 | 0,145949 | -0,26314 | 0,106112 | | | | |
| 209 | 0,412049 | 0,145949 | -0,26314 | 0,106112 | | | | |
| 210 | 0,023599 | -0,04436 | -0,26314 | 0,106112 | | | | |
| 211 | 0,023599 | -0,04436 | -0,26314 | 0,106112 | | | | |
| 212 | 0,023599 | -0,04436 | -0,26314 | 0,106112 | | | | |
| 213 | 0,023599 | -0,04436 | -0,26314 | 0,106112 | | | | |
| 214 | 0,023599 | -0,04436 | -0,26314 | 0,106112 | | | | |
| 215 | 0,023599 | -0,04436 | 0,484585 | 0,368668 | | | | |
| 216 | 0,023599 | -0,04436 | -0,43352 | -0,61474 | | | | |

| | | | | | | | | | |
|------------|----------|----------|----------|----------|--|--|--|--|--|
| 217 | 0,023599 | -0,04436 | -0,43352 | -0,61474 | | | | | |
| 218 | 0,488906 | 0,563017 | -5,08183 | -4,79693 | | | | | |
| 219 | -0,32615 | -0,75989 | 0,713028 | 0,838874 | | | | | |
| 220 | -0,32615 | -0,75989 | 0,771254 | 0,763877 | | | | | |
| 221 | -4,65925 | -4,89289 | 0,771254 | 0,763877 | | | | | |
| 222 | 0,134739 | 0,347556 | 1,112227 | 1,444097 | | | | | |
| 223 | 0,771431 | 0,731158 | 1,316788 | 0,99577 | | | | | |
| 224 | 0,771431 | 0,731158 | -5,08183 | -4,79693 | | | | | |
| 225 | 1,548251 | 1,753241 | 0,676226 | 0,776662 | | | | | |
| 226 | 1,020887 | 1,142254 | 0,676226 | 0,776662 | | | | | |
| 227 | -4,65925 | -4,89289 | 0,676226 | 0,776662 | | | | | |
| 228 | 1,161093 | 1,107035 | 0,676226 | 0,776662 | | | | | |
| 229 | 1,161093 | 1,107035 | 1,321152 | 0,80985 | | | | | |
| 230 | 1,161093 | 1,107035 | 1,321152 | 0,80985 | | | | | |
| 231 | 1,161093 | 1,107035 | 0,484585 | 0,368668 | | | | | |
| 232 | 1,320773 | 1,1583 | 0,484585 | 0,368668 | | | | | |
| 233 | 1,320773 | 1,1583 | 0,484585 | 0,368668 | | | | | |
| 234 | 0,488906 | 0,563017 | 0,379379 | 0,224592 | | | | | |
| 235 | 0,488906 | 0,563017 | 0,379379 | 0,224592 | | | | | |
| 236 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | | |
| 237 | 0,412049 | 0,145949 | 0,484585 | 0,368668 | | | | | |
| 238 | 0,412049 | 0,145949 | -0,26314 | 0,106112 | | | | | |
| 239 | 0,488906 | 0,563017 | 0,484585 | 0,368668 | | | | | |
| 240 | 0,488906 | 0,563017 | 2,592223 | 2,78054 | | | | | |
| 241 | 0,023599 | -0,04436 | 2,592223 | 2,78054 | | | | | |
| 242 | 0,488906 | 0,563017 | 2,592223 | 2,78054 | | | | | |
| 243 | 2,290747 | 2,455624 | 2,592223 | 2,78054 | | | | | |
| 244 | 2,290747 | 2,455624 | -1,68141 | -1,58977 | | | | | |
| 245 | 2,290747 | 2,455624 | -1,68141 | -1,58977 | | | | | |
| 246 | 2,290747 | 2,455624 | -1,68141 | -1,58977 | | | | | |
| 247 | -1,15185 | -1,61185 | 0,27552 | 0,358109 | | | | | |
| 248 | -1,15185 | -1,61185 | -5,08183 | -4,79693 | | | | | |
| 249 | -1,15185 | -1,61185 | -5,08183 | -4,79693 | | | | | |
| 250 | -0,08042 | 0,047088 | -5,08183 | -4,79693 | | | | | |
| 251 | -4,65925 | -4,89289 | 0,484585 | 0,368668 | | | | | |
| 252 | -4,65925 | -4,89289 | | | | | | | |
| 253 | -4,65925 | -4,89289 | | | | | | | |
| 254 | 0,488906 | 0,563017 | | | | | | | |

Tablica D1 (*nastavak*):

| | frekvencija (Hz) | | | |
|-----------|------------------|----------|----------|----------|
| N | 36.308 | 39.811 | 43.652 | 47.863 |
| 1 | 1,559511 | 1,549999 | 1,449477 | 2,492548 |
| 2 | -4,35298 | -1,42304 | -1,24706 | -0,28591 |
| 3 | -4,35298 | -1,42304 | -1,24706 | -0,28591 |
| 4 | -1,36993 | -1,42304 | -1,24706 | -0,28591 |
| 5 | -1,36993 | 0,352151 | 0,359052 | 2,974584 |
| 6 | -1,36993 | -4,24856 | -4,50286 | -4,98739 |
| 7 | -0,00646 | -0,34197 | -0,00659 | 2,125971 |
| 8 | -2,74975 | 0,610921 | 0,528799 | 2,239869 |
| 9 | -0,45172 | -0,39045 | -0,24235 | 0,18323 |
| 10 | -0,09276 | -0,39045 | -0,24235 | 0,18323 |
| 11 | -0,46698 | -0,39045 | -0,24235 | 0,18323 |
| 12 | -0,46698 | -0,27531 | -0,03396 | 1,70362 |
| 13 | -0,46698 | 0,254943 | -0,31095 | 1,874479 |
| 14 | -0,84685 | -0,03515 | 1,538595 | 2,407248 |
| 15 | -0,74647 | -0,03515 | 1,538595 | 2,407248 |
| 16 | -1,09483 | -0,00332 | 0,575641 | 1,602893 |
| 17 | -0,7572 | -5,77578 | -3,6752 | -3,90478 |
| 18 | -0,7572 | -5,77578 | -3,6752 | -3,90478 |
| 19 | -0,14819 | -2,79549 | -0,27991 | -0,31453 |
| 20 | -6,11078 | -1,86608 | -0,29906 | 1,014475 |
| 21 | -6,11078 | -1,86608 | -0,29906 | 1,014475 |
| 22 | -1,65287 | -1,86608 | -0,29906 | 1,014475 |
| 23 | -2,57322 | 2,662926 | 4,010595 | 5,724208 |
| 24 | -2,57322 | 1,680241 | 2,476074 | 4,568728 |
| 25 | -2,57322 | -0,76465 | -1,43607 | -0,89432 |
| 26 | 1,486696 | 3,215216 | 5,94445 | 7,818567 |
| 27 | 1,487754 | 0,351581 | 1,887203 | 2,328407 |
| 28 | -1,3761 | -0,3415 | -0,5853 | 0,720219 |
| 29 | 2,016305 | -0,3415 | -0,5853 | 0,720219 |
| 30 | 0,37618 | -1,14454 | -0,5259 | 0,034033 |
| 31 | -0,59211 | -1,14454 | -0,5259 | 0,034033 |
| 32 | -0,59211 | 0,598598 | -0,01935 | 1,671257 |
| 33 | -1,15434 | -1,9432 | -3,41387 | -3,4336 |
| 34 | -1,15434 | 1,941087 | 5,204554 | 6,399995 |
| 35 | 0,122512 | 0,689405 | 2,255593 | 3,860739 |
| 36 | -0,87417 | -0,15355 | -0,81345 | 1,178049 |
| 37 | 0,533879 | 0,525243 | 1,489738 | 2,256262 |
| 38 | 0,196127 | 2,489032 | 3,542155 | 5,123423 |
| 39 | -0,66695 | 0,357169 | 0,630104 | 1,98819 |
| 40 | -0,21171 | -1,51432 | -0,75704 | 0,702161 |

| | | | | |
|-----------|----------|----------|----------|----------|
| 41 | 0,830939 | -2,78638 | -3,64499 | -1,24891 |
| 42 | -0,01938 | -2,7496 | -1,4315 | -0,81917 |
| 43 | -1,95762 | -2,7496 | -1,4315 | -0,81917 |
| 44 | -3,17523 | -3,69903 | -3,51172 | -1,72035 |
| 45 | -2,35376 | 0,762415 | 2,384693 | 3,05367 |
| 46 | -2,35376 | -0,09571 | 1,283583 | 1,898927 |
| 47 | -2,81698 | -0,09571 | 1,283583 | 1,898927 |
| 48 | 0,044204 | -0,09571 | 1,283583 | 1,898927 |
| 49 | -0,04716 | -0,09571 | 1,283583 | 1,898927 |
| 50 | -0,04716 | -0,09571 | 1,283583 | 1,898927 |
| 51 | -0,04716 | -0,09571 | 1,283583 | 1,898927 |
| 52 | -0,04716 | -0,12883 | 0,203081 | 0,389101 |
| 53 | -0,04716 | -0,12883 | 0,203081 | 0,389101 |
| 54 | -0,04716 | -0,12883 | 0,203081 | 0,389101 |
| 55 | -0,21048 | -0,12883 | 0,203081 | 0,389101 |
| 56 | -0,21048 | -0,59201 | -0,58141 | -3,17076 |
| 57 | -0,21048 | -0,59201 | -0,58141 | -3,17076 |
| 58 | -0,21048 | -0,59201 | -0,58141 | -3,17076 |
| 59 | -0,58746 | -0,59201 | -0,58141 | -3,17076 |
| 60 | -0,58746 | 0,02132 | 0,349321 | -0,28903 |
| 61 | -0,58746 | 0,02132 | 0,349321 | -0,28903 |
| 62 | -0,58746 | 0,02132 | 0,349321 | -0,28903 |
| 63 | 0,033667 | -0,84477 | -0,22699 | 0,746226 |
| 64 | 0,033667 | -3,62321 | -2,14949 | -2,9747 |
| 65 | 0,033667 | 1,030142 | 1,910352 | 2,512793 |
| 66 | -1,23085 | 1,030142 | 1,910352 | 2,512793 |
| 67 | -3,15031 | 1,030142 | 1,910352 | 2,512793 |
| 68 | 2,199333 | 0,701838 | 0,809827 | 1,534563 |
| 69 | 2,199333 | 0,701838 | 0,809827 | 1,534563 |
| 70 | 2,199333 | 0,701838 | 0,809827 | 1,534563 |
| 71 | 0,767084 | 0,701838 | 0,809827 | 1,534563 |
| 72 | 0,767084 | 0,840414 | 0,969959 | 2,023887 |
| 73 | 0,767084 | 0,840414 | 0,969959 | 2,023887 |
| 74 | 0,767084 | 0,840414 | 0,969959 | 2,023887 |
| 75 | 1,079481 | -1,66954 | -5,8379 | -6,26853 |
| 76 | 1,079481 | -1,66954 | -5,8379 | -6,26853 |
| 77 | 1,079481 | 2,144909 | -0,69318 | -1,85698 |
| 78 | -0,73346 | -1,9432 | -3,41387 | -3,4336 |
| 79 | -0,73346 | -1,9432 | -3,41387 | -3,4336 |
| 80 | 2,082318 | -1,9432 | -3,41387 | -3,4336 |
| 81 | -0,87417 | -1,9432 | -3,41387 | -3,4336 |
| 82 | -0,87417 | -1,9432 | -3,41387 | -3,4336 |
| 83 | -0,87417 | -0,9577 | -3,65285 | -5,14493 |
| 84 | -0,87417 | -0,9577 | -3,65285 | -5,14493 |

| | | | | |
|------------|----------|----------|----------|----------|
| 85 | -0,87417 | -0,9577 | -3,65285 | -5,14493 |
| 86 | -0,2917 | -1,20686 | -4,14614 | -4,08179 |
| 87 | -0,2917 | -1,20686 | -4,14614 | -4,08179 |
| 88 | -0,2917 | -1,20686 | -4,14614 | -4,08179 |
| 89 | -0,26217 | -1,20686 | -4,14614 | -4,08179 |
| 90 | -0,26217 | -1,20686 | -4,14614 | -4,08179 |
| 91 | -0,26217 | -0,57201 | -3,79912 | -5,97116 |
| 92 | -0,26217 | -1,57594 | -3,22792 | -3,87296 |
| 93 | -0,26217 | 3,260075 | 2,019608 | -0,77122 |
| 94 | 0,359742 | 2,643986 | 1,605836 | -1,5531 |
| 95 | -0,0921 | 1,190554 | 0,022101 | -1,12806 |
| 96 | 1,484742 | 0,458808 | -0,61187 | -1,50804 |
| 97 | 1,24834 | -0,96777 | -2,71218 | -1,33128 |
| 98 | 1,405882 | 1,690157 | 0,123668 | -1,79769 |
| 99 | 1,713045 | -2,81106 | -2,271 | -0,80768 |
| 100 | -0,06602 | -0,00399 | -2,96026 | -1,05573 |
| 101 | 1,758835 | -2,44765 | -2,98151 | -1,77705 |
| 102 | -1,02123 | -0,10969 | -1,74122 | -0,57735 |
| 103 | 0,525698 | 1,287592 | -0,77043 | -1,94219 |
| 104 | -1,73726 | 0,897494 | -1,51268 | -1,21502 |
| 105 | 1,638122 | -3,24224 | -1,66111 | -0,18138 |
| 106 | 1,031102 | -3,24224 | -1,66111 | -0,18138 |
| 107 | 1,428879 | -2,50705 | -1,22715 | -0,99609 |
| 108 | -2,5836 | -2,50705 | -1,22715 | -0,99609 |
| 109 | -2,5836 | -5,36624 | -1,95541 | -0,48027 |
| 110 | -2,98536 | -0,64255 | -1,78733 | -1,29469 |
| 111 | -2,98536 | -3,48474 | -4,3547 | -3,57699 |
| 112 | -7,41582 | 0,919724 | -0,52029 | -6,05355 |
| 113 | 0,147871 | 3,02333 | 2,686419 | -3,69736 |
| 114 | -1,33463 | 1,344057 | 1,617041 | -3,16513 |
| 115 | 0,393982 | 1,82477 | 0,701802 | -4,55795 |
| 116 | 2,650995 | 0,529327 | 0,594029 | -4,3966 |
| 117 | 0,823473 | 2,088941 | 3,001635 | -2,80906 |
| 118 | 1,456633 | 1,330865 | 1,301513 | 2,770048 |
| 119 | 0,294081 | 2,033488 | 0,957276 | -3,58042 |
| 120 | 2,448723 | 2,456686 | 1,149778 | -3,63409 |
| 121 | 1,125052 | 1,101556 | 1,824969 | 2,881661 |
| 122 | 1,953482 | 0,880114 | 1,296719 | 0,623565 |
| 123 | 2,043113 | 0,785033 | 1,068854 | 0,298155 |
| 124 | 2,122159 | 2,537903 | 2,943744 | -2,13548 |
| 125 | 0,358992 | 1,057955 | 0,462918 | -4,8674 |
| 126 | 0,468604 | 1,556708 | 0,379794 | -1,09876 |
| 127 | 2,063668 | 1,430261 | 0,865029 | -1,19429 |
| 128 | 0,010109 | 1,430261 | 0,865029 | -1,19429 |

| | | | | |
|------------|----------|----------|----------|----------|
| 129 | 1,337846 | 1,430261 | 0,865029 | -1,19429 |
| 130 | 2,24578 | -2,79676 | -4,58016 | -3,29168 |
| 131 | 2,24578 | 2,218198 | 3,077639 | -1,86326 |
| 132 | 2,24578 | -0,73626 | -1,15133 | -0,01467 |
| 133 | -2,424 | 2,952274 | 0,98104 | -0,67585 |
| 134 | 1,424242 | 2,952274 | 0,98104 | -0,67585 |
| 135 | 1,02726 | 2,952274 | 0,98104 | -0,67585 |
| 136 | 3,067902 | 2,952274 | 0,98104 | -0,67585 |
| 137 | 3,067902 | 2,952274 | 0,98104 | -0,67585 |
| 138 | 3,067902 | 0,484364 | 1,053529 | 1,150068 |
| 139 | 3,067902 | 0,484364 | 1,053529 | 1,150068 |
| 140 | 3,067902 | 0,484364 | 1,053529 | 1,150068 |
| 141 | 0,216957 | 0,216016 | 0,525123 | 1,119682 |
| 142 | 0,216957 | 0,216016 | 0,525123 | 1,119682 |
| 143 | 0,216957 | 0,153314 | 0,918308 | 2,454023 |
| 144 | 0,620516 | 0,531064 | 1,191998 | 1,097865 |
| 145 | 0,620516 | 0,531064 | 1,191998 | 1,097865 |
| 146 | 1,785356 | 0,762415 | 2,384693 | 3,05367 |
| 147 | 0,452992 | 0,762415 | 2,384693 | 3,05367 |
| 148 | 0,452992 | 1,867377 | 3,227491 | 4,450488 |
| 149 | 0,044204 | 1,867377 | 3,227491 | 4,450488 |
| 150 | 0,044204 | 1,867377 | 3,227491 | 4,450488 |
| 151 | 1,397449 | 0,069442 | -0,24309 | 1,109338 |
| 152 | 1,397449 | -0,09571 | 1,283583 | 1,898927 |
| 153 | 1,397449 | 0,329027 | 1,896454 | 1,657801 |
| 154 | -0,21401 | -1,47485 | -1,45393 | -0,35106 |
| 155 | -0,04716 | -0,42109 | 0,061297 | 0,911046 |
| 156 | -0,14968 | -0,31601 | 0,931945 | 1,656161 |
| 157 | -1,53644 | -0,52652 | 1,915678 | 2,293123 |
| 158 | -0,17082 | -0,40981 | 1,930615 | 1,781957 |
| 159 | -0,56239 | 1,756516 | 2,130608 | 3,816549 |
| 160 | -0,3337 | 1,756516 | 2,130608 | 3,816549 |
| 161 | 0,367814 | 0,769706 | 2,008962 | 2,772594 |
| 162 | 1,716405 | -0,17628 | 0,047213 | 0,651928 |
| 163 | 1,716405 | -1,23815 | -1,45329 | -0,07557 |
| 164 | 1,505001 | -0,06167 | 0,562823 | 1,079524 |
| 165 | -1,02027 | -0,06167 | 0,562823 | 1,079524 |
| 166 | -1,39347 | 2,526123 | 2,6034 | 3,747121 |
| 167 | -0,5931 | 2,526123 | 2,6034 | 3,747121 |
| 168 | -0,5931 | 2,54456 | 2,894573 | 3,843748 |
| 169 | 2,57821 | 1,618258 | 2,002344 | 2,615439 |
| 170 | 2,57821 | 1,618258 | 2,002344 | 2,615439 |
| 171 | 2,838075 | 1,618258 | 2,002344 | 2,615439 |
| 172 | 1,508729 | 1,682062 | 2,183218 | 2,134539 |

| | | | | |
|------------|----------|----------|----------|----------|
| 173 | 1,508729 | 1,682062 | 2,183218 | 2,134539 |
| 174 | 1,508729 | 1,682062 | 2,183218 | 2,134539 |
| 175 | 1,836918 | 2,815634 | 3,353245 | 3,770213 |
| 176 | 1,836918 | 2,815634 | 3,353245 | 3,770213 |
| 177 | 1,836918 | -0,33852 | -0,83434 | -1,30454 |
| 178 | 2,326256 | -0,33852 | -0,83434 | -1,30454 |
| 179 | 2,326256 | -0,33852 | -0,83434 | -1,30454 |
| 180 | -0,34053 | -0,33852 | -0,83434 | -1,30454 |
| 181 | -0,34053 | -0,33852 | -0,83434 | -1,30454 |
| 182 | -0,34053 | -0,33852 | -0,83434 | -1,30454 |
| 183 | -0,34053 | -0,33852 | -0,83434 | -1,30454 |
| 184 | -0,34053 | -0,33852 | -0,83434 | -1,30454 |
| 185 | -0,34053 | -0,33852 | -0,83434 | -1,30454 |
| 186 | -0,34053 | -1,33904 | -1,01648 | -0,01803 |
| 187 | -0,34053 | 2,815634 | 3,353245 | 3,770213 |
| 188 | -0,34053 | 2,815634 | 3,353245 | 3,770213 |
| 189 | -1,09726 | 2,815634 | 3,353245 | 3,770213 |
| 190 | 2,326256 | 2,815634 | 3,353245 | 3,770213 |
| 191 | 2,326256 | -3,56023 | -3,31502 | -2,50372 |
| 192 | 2,326256 | -3,56023 | -3,31502 | -2,50372 |
| 193 | 2,326256 | -3,56023 | -3,31502 | -2,50372 |
| 194 | -3,45324 | -1,73155 | -3,10158 | -2,47903 |
| 195 | -3,45324 | | | |
| 196 | -3,45324 | | | |
| 197 | -1,71714 | | | |

U tablici D2 prikazani su svi izračunati reziduali unutar događaja.

Tablica D2: Prikaz reziduala unutar događaja.

| N | frekvencija (Hz) | | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|---|
| | 0.1 | 0.11 | 0.12 | 0.132 | 0.145 | 0.158 | 0.174 | 0.191 | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | -0,9849 | -0,75047 | -0,50598 | -0,27793 | -0,03012 | 0,183532 | 0,518938 | 0,851208 | |
| 14 | 0,984904 | 0,750475 | 0,505982 | 0,277932 | 0,030116 | -0,18353 | -0,51894 | -0,85121 | |
| 15 | 1,724906 | 1,349885 | 0,819855 | 1,052995 | 0,648281 | 0,842207 | 0,616586 | 0,468435 | |
| 16 | -1,72491 | -1,34988 | -0,81985 | -1,05299 | -0,64828 | -0,84221 | -0,61659 | -0,46843 | |
| 17 | 4,581245 | 4,970371 | 5,92158 | 6,049587 | 5,592918 | 5,939836 | 6,322759 | 5,91981 | |
| 18 | -1,89639 | -2,11659 | -2,28975 | -2,79646 | -3,01421 | -3,40675 | -3,79268 | -3,80713 | |
| 19 | -1,80344 | -2,00115 | -2,1542 | -2,60813 | -2,80991 | -3,17076 | -3,46216 | -3,51281 | |
| 20 | -0,88141 | -0,85264 | -1,47762 | -0,645 | 0,231202 | 0,637678 | 0,932081 | 1,400122 | |
| 21 | 1,396448 | 1,911477 | 2,102266 | 0 | 0 | 0 | 0 | 0 | |
| 22 | -0,01959 | -0,26932 | -0,01387 | 2,138093 | 2,017603 | 2,070338 | 2,234047 | 2,471609 | |
| 23 | 1,110144 | 1,519329 | 1,838309 | 0,114623 | 0,336677 | 0,767855 | 0,750427 | 1,188456 | |
| 24 | -2,48701 | -3,16149 | -3,92671 | 2,254153 | 2,573201 | 2,5607 | 2,796975 | 2,626251 | |
| 25 | 0 | 0 | 0 | -4,50687 | -4,92748 | -5,39889 | -5,78145 | -6,28632 | |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 28 | 0,676311 | 0,590039 | 0,499141 | 0 | 0 | 0 | 0 | 0 | |
| 29 | -1,08952 | -1,10078 | -1,11101 | 0,43777 | 0,408683 | 0,348974 | 0,279128 | 0,237376 | |
| 30 | 0,413208 | 0,510744 | 0,61187 | -1,23578 | -1,35978 | -1,4933 | -1,65946 | -1,80437 | |
| 31 | 0 | 0 | 0 | 0,798014 | 0,951095 | 1,144323 | 1,380331 | 1,566995 | |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 34 | -0,73024 | -0,48646 | -0,28904 | 0 | 0 | 0 | 0 | 0 | |
| 35 | 0,73024 | 0,486463 | 0,289041 | -0,19377 | -0,14693 | 0,396134 | 0,51138 | 0,43952 | |
| 36 | 0 | 0 | 0 | 0,193773 | 0,146928 | -0,39613 | -0,51138 | -0,43952 | |
| 37 | -2,2861 | -2,3962 | -2,11333 | 0 | 0 | 0 | 0 | 0 | |
| 38 | 2,286104 | 2,396202 | 2,113332 | -1,97117 | -2,20968 | -2,3557 | -1,95303 | -1,8078 | |
| 39 | 0 | 0 | 0 | 1,971167 | 2,209679 | 2,355701 | 1,953027 | 1,807801 | |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 40 | -3,68588 | -3,65326 | -3,75051 | 0 | 0 | 0 | 0 | 0 |
| 41 | 1,040504 | 1,928183 | 1,252537 | -3,34622 | -3,58957 | -4,02624 | -3,42574 | -3,19161 |
| 42 | 2,645372 | 1,72508 | 2,497978 | 0,840549 | 1,058929 | 1,399387 | 1,381754 | 1,142679 |
| 43 | 0 | 0 | 0 | 2,505674 | 2,530645 | 2,626856 | 2,043988 | 2,048927 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0,420183 | 0,465743 | 0,110501 | 0 | 0 | 0 | 0 | 0 |
| 49 | -0,42018 | -0,46574 | -0,1105 | 0,392894 | 0,46145 | -0,0777 | 0,592046 | 0,882358 |
| 50 | 0,287726 | 0,301852 | 0,278332 | -0,39289 | -0,46145 | 0,0777 | -0,59205 | -0,88236 |
| 51 | -0,28773 | -0,30185 | -0,27833 | 0,230697 | 0,1805 | 0,121318 | 0,020077 | -0,14428 |
| 52 | 0 | 0 | 0 | -0,2307 | -0,1805 | -0,12132 | -0,02008 | 0,14428 |
| 53 | -0,32533 | -0,40592 | -0,35748 | 0 | 0 | 0 | 0 | 0 |
| 54 | 0 | 0 | 0 | -0,91369 | -1,33948 | -1,63053 | -1,65702 | -1,05044 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0,976348 | 0,829018 | 0,47044 | 0 | 0 | 0 | 0 | 0 |
| 63 | -0,97635 | -0,82902 | -0,47044 | 0,802451 | 1,043819 | 0,622724 | 1,407217 | 1,261428 |
| 64 | 0 | 0 | 0 | -0,80245 | -1,04382 | -0,62272 | -1,40722 | -1,26143 |
| 65 | 0,18315 | 0,658604 | 0,523225 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0,400999 | 0,541527 | 0,369523 | 0,49903 | 0,718873 | 0,799069 | 0,326916 | 0,424688 |
| 67 | -1,65048 | -1,26443 | -1,36045 | 0,539902 | 0,446781 | 0,616443 | 0,658757 | 0,040065 |
| 68 | -0,9675 | -0,49088 | -0,47657 | -1,00951 | -0,63151 | -0,32799 | -0,26657 | -0,96835 |
| 69 | -2,60586 | -2,3371 | -2,00752 | -0,45732 | -0,2293 | 0,128332 | -0,31027 | -0,39331 |
| 70 | 3,15984 | 2,397499 | 2,428967 | -1,69414 | -1,57767 | -1,13396 | -0,4148 | -0,03018 |
| 71 | -2,68047 | -2,99301 | -2,62618 | 1,390377 | 0,779138 | -0,03639 | -0,13726 | 0,071702 |
| 72 | -1,75362 | -1,52104 | -1,48232 | -2,34939 | -2,28625 | -2,84173 | -1,99341 | -1,22626 |
| 73 | -0,70469 | -0,73969 | -1,00008 | -1,18406 | -1,28166 | -1,33695 | -1,42541 | -1,6553 |
| 74 | 0,506909 | 0,738918 | 0,723995 | -0,87203 | -1,1185 | -0,8317 | -0,64635 | -0,53288 |
| 75 | 1,951394 | 1,521809 | 1,758402 | 0,941714 | 0,78393 | 0,70006 | 0,45098 | 0,251216 |
| 76 | -0,19566 | -0,43941 | -0,48311 | 1,114376 | 1,616227 | 1,468593 | 1,620783 | 1,936969 |
| 77 | -2,36676 | -1,87147 | -2,02331 | -0,80728 | -0,91572 | -0,75697 | -0,32433 | 0,154616 |
| 78 | 0,932417 | 0,754245 | 0,770602 | -1,15606 | -0,47796 | -0,51287 | -0,88697 | -0,4308 |
| 79 | 1,630004 | 1,556637 | 1,735819 | 0,575724 | 0,508929 | 0,029955 | -0,43481 | -1,3945 |
| 80 | -0,97795 | -0,99438 | -1,09536 | 1,387619 | 0,884742 | 1,239886 | 1,646118 | 1,670687 |
| 81 | -0,87116 | -0,6096 | -0,14259 | -0,74551 | -1,03054 | -0,67336 | -0,51917 | -0,43685 |
| 82 | 1,849107 | 1,603981 | 1,23795 | -0,28891 | 0,87703 | 0,772073 | 1,049694 | 1,821211 |
| 83 | 0 | 0 | 0 | 1,03443 | 0,153514 | -0,09871 | -0,53052 | -1,38436 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85 | 0,678053 | 0,594157 | 0,676173 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0,082974 | 0,411394 | 0,633106 | 0,647117 | 0,516504 | 0,508311 | 0,088778 | 0,076645 |
| 87 | -0,76103 | -1,00555 | -1,30928 | 1,387382 | 1,471404 | 1,448978 | 1,602888 | 1,038559 |
| 88 | -3,20881 | -3,42411 | -3,79654 | -2,0345 | -1,98791 | -1,95729 | -1,69167 | -1,1152 |
| 89 | -0,34156 | -0,05262 | 0,232252 | -4,27518 | -4,37283 | -4,66388 | -4,95029 | -4,68821 |
| 90 | 1,895877 | 1,605017 | 1,608337 | 0,671653 | 1,045938 | 1,176312 | 1,491273 | 1,67979 |
| 91 | 1,654489 | 1,871717 | 1,955955 | 1,602584 | 1,465483 | 1,450034 | 1,323022 | 1,060217 |
| 92 | 0,028572 | -0,05158 | -0,11198 | 2,000947 | 1,861413 | 2,037537 | 2,135994 | 1,948198 |
| 93 | -0,18142 | -0,09611 | -0,02838 | 0,551063 | 1,004946 | 1,316512 | 1,655531 | 2,073223 |
| 94 | 0,152845 | 0,147691 | 0,14036 | -0,38506 | -0,65037 | -0,83472 | -1,01097 | -1,26303 |
| 95 | -2,0025 | -2,71531 | -3,43758 | -0,16601 | -0,35457 | -0,48179 | -0,64456 | -0,8102 |
| 96 | 2,0025 | 2,715315 | 3,437575 | -3,88145 | -4,33503 | -4,3365 | -4,40452 | -4,66663 |
| 97 | 0 | 0 | 0 | 3,881448 | 4,335025 | 4,336502 | 4,40452 | 4,666625 |
| 98 | -0,62587 | -0,56975 | 0,138306 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0,248608 | 0,034775 | -0,11958 | 0,193941 | 0,420907 | 0,558236 | 1,45917 | 1,092628 |
| 100 | 1,923504 | 2,641735 | 3,355265 | 0,24293 | 0,734952 | 0,666146 | 0,691758 | 0,471743 |
| 101 | -0,55428 | -0,56068 | -1,98849 | 2,700263 | 3,252515 | 3,648193 | 3,697695 | 3,798258 |
| 102 | -0,66663 | -1,14016 | -1,02802 | -0,63719 | -0,56408 | -1,01805 | -0,80707 | -0,15532 |
| 103 | 0,560475 | 0,279861 | 0,596456 | -1,58625 | -2,50481 | -2,224 | -3,38454 | -4,15687 |
| 104 | -0,29232 | 0,164305 | 0,156056 | 0,41697 | 1,036966 | 1,042302 | 0,257278 | 0,472308 |
| 105 | -0,26816 | -0,44417 | -0,75251 | 0,527415 | -0,43208 | -0,84148 | 0,356805 | 0,725239 |
| 106 | 0,232267 | 0,405403 | 0,00629 | -0,94438 | -0,60488 | -0,20082 | -0,61408 | -1,19755 |
| 107 | 0,707182 | 0,821836 | 0,647306 | 0,270268 | 0,253019 | -0,53053 | -1,64206 | -1,96459 |
| 108 | -0,2495 | 0,567192 | 0,809027 | 0,646541 | 0,100845 | 0,537792 | 0,853193 | 1,222769 |
| 109 | -1,94957 | -1,78243 | -1,90624 | 1,281344 | 1,127791 | 2,246005 | 2,276797 | 2,250055 |
| 110 | 1,259626 | -0,012 | 0,443621 | -2,6665 | -2,33011 | -2,65319 | -1,58021 | -1,20842 |
| 111 | 0 | 0 | 0 | 0,46835 | 0,848456 | 0,399917 | 0,092281 | -0,29981 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0,777102 | 1,147171 | 0,076762 | 0 | 0 | 0 | 0 | 0 |
| 126 | -0,7771 | -1,14717 | -0,07676 | 0,014679 | 0,577112 | 0,429338 | 0,686966 | -0,0296 |
| 127 | 0,866833 | 0,914675 | 0,96225 | -0,01468 | -0,57711 | -0,42934 | -0,68697 | 0,029595 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 128 | -0,86683 | -0,91467 | -0,96225 | 1,427592 | 0,994016 | 1,159941 | 0,798698 | 1,132035 |
| 129 | 0 | 0 | 0 | -1,42759 | -0,99402 | -1,15994 | -0,7987 | -1,13203 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | -0,10689 | -0,2954 | -0,51841 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0,475595 | 0,37489 | 0,458956 | -0,43832 | -0,70867 | -0,49967 | -0,56934 | -0,48764 |
| 148 | -0,36871 | -0,07949 | 0,059455 | 0,488882 | 0,308718 | 0,091437 | -0,07379 | 0,017319 |
| 149 | 0 | 0 | 0 | -0,05056 | 0,399956 | 0,408229 | 0,643135 | 0,470323 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | -1,91126 | -2,08488 | -1,69589 | 0 | 0 | 0 | 0 | 0 |
| 153 | 2,226927 | 2,039577 | 1,862317 | -1,75295 | -2,27829 | -2,78661 | -2,41335 | -2,79572 |
| 154 | -1,79153 | -1,2635 | -1,21788 | 1,75878 | 1,771098 | 1,775586 | 1,392168 | 0,833526 |
| 155 | 1,755831 | 1,380372 | 0,967309 | -1,39439 | -1,54839 | -1,79648 | -1,70167 | -1,34333 |
| 156 | -0,27996 | -0,07156 | 0,084139 | 0,893147 | 1,023436 | 1,335547 | 1,271311 | 0,954888 |
| 157 | -0,17821 | -0,08458 | -0,10709 | 0,495412 | 1,032144 | 1,471954 | 1,451543 | 2,350642 |
| 158 | -0,44904 | -0,50314 | -0,4219 | -0,29611 | -0,2082 | -0,387 | -0,39916 | -0,14356 |
| 159 | 0,627243 | 0,587726 | 0,528998 | 0,037207 | -0,08839 | 0,992275 | 1,333345 | 1,166597 |
| 160 | -0,7656 | -0,96912 | -0,6518 | 0,258908 | 0,296582 | -0,60527 | -0,93418 | -1,02304 |
| 161 | 0,765604 | 0,969121 | 0,651798 | -0,28514 | -0,72922 | -0,79649 | -0,83682 | -0,20991 |
| 162 | 0 | 0 | 0 | 0,285141 | 0,729216 | 0,796488 | 0,836825 | 0,209908 |
| 163 | -0,7025 | -0,99099 | -0,90145 | 0 | 0 | 0 | 0 | 0 |
| 164 | 0,702499 | 0,990992 | 0,90145 | -0,74988 | -0,87454 | -0,98761 | -0,71304 | -0,5338 |
| 165 | -0,79907 | -0,82485 | -0,96657 | 0,749883 | 0,87454 | 0,987615 | 0,713037 | 0,533795 |
| 166 | 0,615915 | 0,166248 | 0,443341 | -0,79209 | -0,84559 | -1,13083 | -1,0267 | -1,03209 |
| 167 | -1,12532 | -0,82476 | -0,89103 | 0,293065 | 0,126719 | 0,331758 | 0,699787 | 0,607404 |
| 168 | 0,886855 | 0,700903 | 0,620226 | -0,90404 | -0,62144 | -0,59078 | -0,14843 | -0,29992 |
| 169 | 0,238467 | 0,123858 | 0,270806 | 0,75071 | 0,706694 | 0,336329 | 0,321673 | 0,466631 |
| 170 | 0 | 0 | 0 | 0,153328 | -0,08526 | 0,254451 | -0,17324 | -0,16671 |
| 171 | 4,343476 | 4,146397 | 3,672229 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 172 | 0 | 0 | 0 | 3,580076 | 3,498808 | 3,595297 | 2,463555 | 2,506332 |
| 173 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | -0,61261 | -0,81059 | -0,78735 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0,612606 | 0,810585 | 0,787348 | -1,01277 | -0,73271 | -0,46079 | 0,005927 | 0,375637 |
| 180 | 0 | 0 | 0 | 1,012775 | 0,732706 | 0,460786 | -0,00593 | -0,37564 |
| 181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0,074233 | 0,13984 | 0,126735 | 0 | 0 | 0 | 0 | 0 |
| 184 | -0,07423 | -0,13984 | -0,12673 | -0,17865 | -0,61123 | -0,4309 | -0,97509 | -0,63474 |
| 185 | 0,634559 | 0,491175 | 0,423073 | 0,178654 | 0,611226 | 0,430898 | 0,975092 | 0,634742 |
| 186 | -0,7098 | -0,49338 | -0,33215 | 1,103671 | 1,466889 | 1,586866 | 1,609703 | 1,46077 |
| 187 | 0,133683 | 0,154058 | 0,18301 | -0,52565 | -0,59206 | -0,37765 | -0,16035 | 0,100707 |
| 188 | -0,0481 | -0,09169 | -0,06058 | 0,690177 | 0,999389 | 1,12011 | 1,161039 | 1,036913 |
| 189 | 0,002504 | 0,288005 | 0,339344 | -0,06869 | -0,07239 | -0,10141 | 0,019444 | 0,121335 |
| 190 | 0,045598 | -0,19632 | -0,27876 | 0,401862 | 0,428644 | 0,45094 | 0,372936 | 0,31659 |
| 191 | -0,88944 | -0,79743 | -0,74706 | -0,33318 | -0,35625 | -0,34953 | -0,39238 | -0,43793 |
| 192 | 0,892735 | 0,728356 | 0,690808 | -0,73048 | -0,72125 | -0,3263 | 0,16447 | 0,288367 |
| 193 | -0,00329 | 0,06907 | 0,056253 | 0,700705 | 0,701418 | 0,683874 | 0,722713 | 0,401822 |
| 194 | -2,44071 | -2,01493 | -1,57633 | 0,029777 | 0,019832 | -0,35758 | -0,88718 | -0,69019 |
| 195 | -1,54435 | -1,42711 | -1,31875 | -1,15428 | -0,44861 | -0,12177 | 0,258972 | 0,511708 |
| 196 | 0,406566 | 0,522032 | 0,621433 | -1,13648 | -1,01911 | -0,41151 | 0,272044 | 0,775187 |
| 197 | 0,892124 | 0,682313 | 0,565459 | 0,654938 | 0,681841 | 0,395069 | 0,041427 | -0,29665 |
| 198 | -1,29869 | -1,20434 | -1,18689 | 0,481735 | 0,407571 | 0,461812 | 0,52723 | 0,627552 |
| 199 | -1,51175 | -1,55472 | -1,66864 | -1,13667 | -1,08941 | -0,85688 | -0,56866 | -0,3309 |
| 200 | 0,25664 | 0,064781 | 0,067919 | -1,56165 | -1,4898 | -1,69071 | -1,82745 | -1,81598 |
| 201 | 1,176269 | 0,908573 | 0,966129 | -0,06104 | 0,736166 | 0,622117 | 0,770579 | 0,808688 |
| 202 | 0,468619 | 0,850963 | 0,975686 | 0,41774 | 1,098143 | 0,871166 | 1,380652 | 1,331694 |
| 203 | 0,391349 | 0,036917 | 0,714843 | 0,821378 | 0,343288 | 0,195297 | 0,124214 | 0,365491 |
| 204 | -0,76823 | -0,1856 | 0,214702 | 1,084844 | 0,285343 | 0,462973 | 0,151535 | 0,24388 |
| 205 | 1,146791 | 1,260499 | 1,256038 | 0,310394 | 0,584589 | 0,710469 | 0,338524 | 0,481394 |
| 206 | 1,216722 | 1,642699 | 2,109064 | 1,439992 | 1,594112 | 1,409512 | 1,269508 | 1,238173 |
| 207 | 2,307473 | 2,252047 | 2,140471 | 2,070179 | 1,481291 | 1,664825 | 1,647757 | 1,352396 |
| 208 | -1,07685 | -0,82283 | -0,58703 | 2,016892 | 1,874701 | 1,944185 | 2,039857 | 2,19587 |
| 209 | 0,15144 | 0,031248 | -0,05321 | -0,44822 | -0,3069 | -0,62034 | -0,70796 | -0,13449 |
| 210 | -2,08876 | -1,88001 | -1,70406 | 0,059485 | 0,27152 | 0,117306 | 0,005766 | -0,11668 |
| 211 | -0,39609 | -0,15195 | 0,074656 | -1,71175 | -1,67268 | -1,59875 | -1,44184 | -1,42542 |
| 212 | -0,3759 | -0,15327 | -0,01155 | 0,171729 | 0,266778 | -0,06841 | -0,14726 | 0,545667 |
| 213 | -0,49969 | -0,5234 | -0,62662 | -0,1191 | -0,32028 | 0,270501 | 0,453012 | -0,25409 |
| 214 | -0,44309 | -0,31137 | -0,20234 | -0,74595 | -0,8824 | -1,11505 | -1,21596 | -1,13044 |
| 215 | -0,01677 | -0,16678 | -0,26366 | 0,040536 | 0,150035 | 0,032366 | -0,09857 | -0,22219 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 216 | -1,54381 | -1,58066 | -1,54181 | -0,23664 | -0,21051 | -0,23943 | -0,11857 | 0,204073 |
| 217 | -0,14744 | -0,27 | -0,32965 | -1,19266 | -0,97871 | -1,0169 | -0,95207 | -0,55137 |
| 218 | 0,192411 | 0,052913 | -0,04727 | -0,30487 | -0,17233 | 0,101007 | 0,227525 | 0,171806 |
| 219 | -0,26163 | -0,12464 | -0,13935 | -0,18412 | -0,16074 | 0,028485 | 0,138127 | -0,19323 |
| 220 | -0,56151 | -0,52197 | -0,5114 | 0,180066 | 0,460014 | 0,955179 | 1,154082 | 0,662496 |
| 221 | 0,561506 | 0,521974 | 0,511396 | -0,50194 | -0,51212 | -0,89984 | -1,2309 | -1,45735 |
| 222 | 5,556097 | 5,177798 | 4,597004 | 0,501942 | 0,512116 | 0,899842 | 1,230902 | 1,457351 |
| 223 | 0 | 0 | 0 | 4,298326 | 3,832447 | 3,608922 | 3,248375 | 3,001976 |
| 224 | -0,00859 | 0,031538 | 0,077536 | 0 | 0 | 0 | 0 | 0 |
| 225 | 0,008595 | -0,03154 | -0,07754 | -0,19353 | -0,59314 | -0,26247 | 0,13202 | -0,21098 |
| 226 | 0,075241 | 0,002204 | -0,09093 | 0,193528 | 0,593139 | 0,262468 | -0,13202 | 0,210981 |
| 227 | -0,13368 | -0,15406 | -0,18301 | -0,57802 | -0,87483 | -1,20921 | -1,44935 | -1,56148 |
| 228 | 3,484059 | 3,19561 | 2,703962 | -0,69018 | -0,99939 | -1,12011 | -1,16104 | -1,03691 |
| 229 | -1,64889 | -1,53698 | -1,43046 | 2,571021 | 2,309418 | 2,061313 | 1,708333 | 1,458636 |
| 230 | 0,747984 | 0,631246 | 0,598158 | -1,21883 | -1,07093 | -0,94352 | -0,94239 | -1,03805 |
| 231 | 2,333888 | 2,16125 | 2,034122 | 0,520587 | 0,499226 | 0,167877 | 0,020482 | 0,378522 |
| 232 | -1,43299 | -1,25551 | -1,20182 | 2,004997 | 1,966945 | 2,133264 | 2,166152 | 1,876159 |
| 233 | -0,09016 | -0,37881 | -0,75763 | -1,30675 | -1,39524 | -1,35762 | -1,24424 | -1,21663 |
| 234 | 0,090159 | 0,378815 | 0,757629 | -0,4815 | -0,18368 | 0,120329 | 0,422722 | 0,402222 |
| 235 | 0,012461 | -0,26288 | -0,71325 | 0,4815 | 0,183679 | -0,12033 | -0,42272 | -0,40222 |
| 236 | -0,0191 | -0,05524 | -0,15259 | -0,821 | -0,81578 | -1,0746 | -1,08689 | -0,80463 |
| 237 | 0,09484 | -0,09316 | -0,37959 | -0,48027 | -1,01619 | -1,03681 | -0,95081 | -1,35724 |
| 238 | 1,402752 | 1,313186 | 1,240271 | -0,81296 | -1,53203 | -1,1012 | -0,74446 | -0,46491 |
| 239 | 1,611419 | 1,358408 | 1,10403 | 1,364483 | 1,623888 | 1,229978 | 0,955167 | 0,911981 |
| 240 | 0,049861 | 0,137783 | 0,121871 | 0,736004 | 0,084172 | 0,871809 | 1,188868 | 0,764615 |
| 241 | -0,11322 | -0,31741 | -0,7075 | 0,322619 | 0,526158 | 0,249043 | -0,00952 | 0,256565 |
| 242 | 3,230384 | 3,104526 | 2,948236 | -0,71586 | -0,68246 | -0,93208 | -1,1692 | -1,20272 |
| 243 | -0,66094 | -0,74702 | -1,25349 | 2,571072 | 2,308163 | 2,007421 | 1,713766 | 1,429768 |
| 244 | 1,229338 | 1,043748 | 0,905085 | -2,03259 | -1,67356 | -2,00033 | -1,81085 | -2,50719 |
| 245 | 2,755719 | 2,398295 | 1,989986 | 0,665036 | 0,306214 | -0,08795 | -0,52723 | -0,79072 |
| 246 | 2,339088 | 2,35647 | 2,482891 | 1,625728 | 1,161508 | 0,621223 | -0,00378 | -0,49617 |
| 247 | -0,70477 | -0,76816 | -0,76872 | 2,466221 | 2,443793 | 2,504285 | 2,348919 | 1,901395 |
| 248 | -1,63432 | -1,58831 | -1,71417 | -0,89024 | -1,07786 | -1,07293 | -0,96033 | -0,72016 |
| 249 | 0 | 0 | 0 | -1,57598 | -1,36593 | -1,43136 | -1,38859 | -1,18123 |
| 250 | -3,00785 | -2,64737 | -2,29428 | 0 | 0 | 0 | 0 | 0 |
| 251 | -2,87883 | -2,52179 | -1,93986 | -2,24616 | -1,84355 | -0,98054 | -1,30269 | -1,2374 |
| 252 | -3,15347 | -3,20425 | -3,06683 | -2,2594 | -1,79307 | -1,26508 | -1,57659 | -1,06661 |
| 253 | -3,78616 | -3,81358 | -3,55232 | -2,36379 | -2,50524 | -3,42462 | -2,07742 | -2,1566 |
| 254 | 1,45689 | 1,66589 | 0,48321 | -2,17873 | -1,77398 | -1,24903 | -1,27752 | -0,78397 |

Tablica D2 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 0.209 | 0.229 | 0.25 | 0.275 | 0.302 | 0.331 | 0.363 | 0.398 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 1,077068 | 1,032603 | 1,306013 | 1,488231 | 2,135125 | 1,148779 | 1,197927 | 1,095315 |
| 14 | -1,07707 | -1,0326 | -1,30601 | -1,48823 | -2,13512 | -1,14878 | -1,19793 | -1,09531 |
| 15 | 0,220634 | 0,248956 | -0,29025 | -0,11766 | 0,167142 | -0,03458 | -0,58606 | -0,14883 |
| 16 | -0,22063 | -0,24896 | 0,290246 | 0,117659 | -0,16714 | 0,034585 | 0,586059 | 0,148831 |
| 17 | 5,399899 | 5,750914 | 5,841768 | 4,366069 | 5,058563 | 4,111296 | 3,617382 | 2,977406 |
| 18 | -3,69333 | -4,15753 | -4,18694 | -3,85394 | -4,28653 | -3,58541 | -3,40255 | -2,29391 |
| 19 | -3,68301 | -3,2544 | -3,04504 | -2,75627 | -3,73096 | -2,40287 | -1,99767 | -3,41334 |
| 20 | 1,976441 | 1,661014 | 1,390208 | 2,24414 | 2,958929 | 1,876984 | 1,78284 | 2,729844 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 3,222986 | 2,937793 | 2,988613 | 3,333585 | 2,876522 | 2,502986 | 2,378253 | 2,895847 |
| 23 | 1,23332 | 2,035818 | 1,820102 | 2,605658 | 2,697442 | 2,084483 | 2,357222 | 2,043022 |
| 24 | 1,959739 | 1,892741 | 2,324138 | 1,437507 | 1,875448 | 2,608425 | 2,375732 | 2,255322 |
| 25 | -6,41604 | -6,86635 | -7,13285 | -7,37675 | -7,44941 | -7,1959 | -7,11121 | -7,19419 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0,1164 | -0,21637 | -0,70785 | -1,03875 | -1,5931 | -2,11366 | -2,50885 | -2,74371 |
| 30 | -1,79628 | -1,70871 | -1,80296 | -2,13362 | -1,74386 | -1,05886 | -0,96158 | -1,36839 |
| 31 | 1,679884 | 1,925074 | 2,510805 | 3,172374 | 3,336961 | 3,172515 | 3,470428 | 4,112105 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0,328472 | 0,101592 | 0,231556 | 0,365582 | 0,020885 | -0,04281 | 0,257895 | 0,041669 |
| 36 | -0,32847 | -0,10159 | -0,23156 | -0,36558 | -0,02088 | 0,042813 | -0,2579 | -0,04167 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | -1,86454 | -0,95456 | -1,32516 | -1,42207 | -0,62818 | -0,46993 | -0,97013 | -0,59652 |
| 39 | 1,864538 | 0,95456 | 1,325157 | 1,42207 | 0,628179 | 0,469931 | 0,97013 | 0,596524 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -2,51816 | -1,73654 | -2,09198 | -2,26697 | -1,28559 | -1,46811 | -1,23254 | -1,52089 |
| 42 | 0,728604 | 0,118097 | 0,676691 | 1,138517 | 0,441138 | 0,581392 | 0,527471 | 0,616659 |
| 43 | 1,789557 | 1,618441 | 1,415287 | 1,128456 | 0,844453 | 0,886718 | 0,705066 | 0,904226 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 0,480345 | 0,579119 | 0,947178 | 0,848045 | 0,58323 | 1,067521 | 1,285109 | 0,549987 |
| 50 | -0,48034 | -0,57912 | -0,94718 | -0,84805 | -0,58323 | -1,06752 | -1,28511 | -0,54999 |
| 51 | -0,35735 | -0,53138 | -0,61023 | -0,96176 | -1,00951 | -1,30022 | -1,59829 | -2,1167 |
| 52 | 0,357347 | 0,531376 | 0,610234 | 0,961761 | 1,009506 | 1,300218 | 1,598291 | 2,116698 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | -1,84519 | -1,53939 | -1,99045 | -1,44804 | -1,10076 | -0,57904 | -0,25612 | -0,3599 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 1,709805 | 2,200265 | 2,562941 | 2,832914 | 2,851727 | 2,833585 | 2,619107 | 2,467877 |
| 64 | -1,70981 | -2,20026 | -2,56294 | -2,83291 | -2,85173 | -2,83359 | -2,61911 | -2,46788 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0,237953 | 0,042557 | -0,09985 | -0,17278 | -0,60923 | -0,74932 | -0,63709 | -0,70272 |
| 67 | -0,36423 | -0,07023 | 0,079995 | -0,18189 | -0,27615 | -0,41848 | -0,43583 | 0,503239 |
| 68 | -0,45682 | -0,45895 | -1,21576 | -0,90394 | -0,98844 | -0,48986 | -0,4928 | -0,96075 |
| 69 | -0,43078 | -1,09216 | -0,19597 | -0,16065 | -0,02405 | -0,2616 | -0,33221 | -1,35139 |
| 70 | -0,98483 | -0,0651 | -0,26593 | -0,05977 | 0,016631 | 0,471811 | 0,854598 | 1,337532 |
| 71 | -0,02828 | 0,037265 | -0,0983 | -0,35199 | 0,021239 | -0,28473 | -0,68659 | -0,12755 |
| 72 | -0,26159 | 0,073315 | -0,50576 | -0,66545 | -0,2293 | -0,54241 | -0,61683 | -0,74035 |
| 73 | -1,31819 | -0,86551 | -1,2792 | -0,85627 | -0,55148 | -1,05533 | -0,82724 | -0,69838 |
| 74 | -0,96249 | -1,02705 | -1,93769 | -2,52618 | -3,01309 | -3,40669 | -3,90009 | -4,55443 |
| 75 | -0,30396 | -0,05887 | -0,09078 | 0,333874 | 0,498626 | 1,322452 | 1,611116 | 2,36268 |
| 76 | 2,584637 | 1,951434 | 3,30767 | 3,04857 | 3,065948 | 3,13957 | 3,116206 | 2,89013 |
| 77 | -0,29157 | -0,3516 | -0,34774 | -0,5809 | 0,31551 | 0,347456 | 0,654194 | 0,444545 |
| 78 | 0,231015 | 1,095549 | 1,501291 | 1,572183 | 1,543017 | 1,628968 | 1,418693 | 1,618733 |
| 79 | -1,72209 | -2,15607 | -2,50449 | -2,73934 | -3,43109 | -4,13673 | -4,43471 | -4,34518 |
| 80 | 1,782646 | 1,412123 | 1,350942 | 1,74806 | 1,572568 | 2,160302 | 2,361824 | 2,281901 |
| 81 | -0,2134 | -0,13681 | 0,156822 | 1,086702 | 0,991926 | 1,377227 | 1,333681 | 1,412821 |
| 82 | 2,332392 | 2,520517 | 2,494632 | 2,085676 | 2,924258 | 2,370876 | 2,123287 | 1,69548 |
| 83 | -2,119 | -2,38371 | -2,65145 | -3,17238 | -3,91618 | -3,7481 | -3,45697 | -3,1083 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0,193362 | 0,024049 | 0,198472 | 0,056409 | 0,239923 | -0,31928 | 0,153173 | 0,197017 |
| 87 | 1,634335 | 2,338329 | 1,05352 | 0,989334 | 1,452676 | 0,721473 | 1,131021 | 0,569467 |
| 88 | -1,8277 | -2,36238 | -1,25199 | -1,04574 | -1,6926 | -0,40219 | -1,28419 | -0,76648 |
| 89 | -4,72309 | -4,28894 | -3,55822 | -2,83005 | -2,96725 | -2,42626 | -2,1527 | -2,06167 |
| 90 | 1,738805 | 1,834815 | 1,535811 | 1,532778 | 1,489185 | 1,248638 | 1,2209 | 1,624876 |
| 91 | 0,966832 | 0,506803 | 0,310496 | -0,12934 | -0,00408 | -0,13113 | -0,28676 | -1,01732 |
| 92 | 2,017451 | 1,947326 | 1,711914 | 1,426612 | 1,482135 | 1,308746 | 1,218563 | 1,454118 |
| 93 | 2,379993 | 2,991478 | 3,239184 | 3,393968 | 2,730208 | 3,414022 | 3,156741 | 2,171318 |
| 94 | -1,57685 | -2,23041 | -2,73564 | -3,24161 | -3,15298 | -3,54294 | -3,49624 | -3,0682 |
| 95 | -0,80314 | -0,76106 | -0,50354 | -0,15235 | 0,422775 | 0,128922 | 0,339497 | 0,896886 |
| 96 | -4,46858 | -4,51803 | -3,80504 | -3,32227 | -3,00436 | -2,2329 | -1,68309 | -1,50585 |
| 97 | 4,468577 | 4,518027 | 3,805043 | 3,322274 | 3,004357 | 2,232901 | 1,683087 | 1,505854 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 1,393041 | 1,343258 | 1,836874 | 1,803001 | 1,718327 | 1,592841 | 1,238606 | 0,383889 |
| 100 | 1,481973 | 1,82444 | 1,447145 | 1,718782 | 1,645908 | 1,958048 | 1,922345 | 1,821939 |
| 101 | 3,217148 | 2,431402 | 2,822778 | 2,284057 | 1,905865 | 0,892734 | 0,932947 | 0,845577 |
| 102 | 0,499538 | 0,657751 | 0,479386 | 0,566361 | 0,132774 | 0,598762 | 0,001478 | 0,554862 |
| 103 | -4,74651 | -4,71746 | -4,59573 | -4,92416 | -4,30211 | -4,46334 | -3,83925 | -3,24636 |
| 104 | 0,767433 | 1,327134 | 0,536733 | 0,351124 | 0,162325 | 0,560763 | 0,471261 | 1,037266 |
| 105 | 1,296686 | 1,642356 | 1,618092 | 1,395508 | 1,785817 | 0,759353 | 1,257243 | 0,210326 |
| 106 | -2,06412 | -2,96949 | -2,15482 | -1,74663 | -1,94814 | -1,32012 | -1,7285 | -1,24759 |
| 107 | -2,25475 | -3,03044 | -3,2185 | -2,52848 | -2,24095 | -2,32687 | -3,13359 | -4,12754 |
| 108 | 0,90385 | 1,403409 | 1,499122 | 0,498765 | 1,488858 | 1,448667 | 1,112444 | 1,436401 |
| 109 | 2,242604 | 2,544692 | 2,798794 | 2,854396 | 1,746559 | 1,624315 | 2,201577 | 1,873451 |
| 110 | -1,38772 | -1,67232 | -1,672 | -1,08053 | -0,91161 | -0,86043 | -0,28341 | -0,20671 |
| 111 | 0,496012 | 0,75465 | 0,592585 | 0,255854 | -0,08286 | 0,114318 | 0,102977 | 1,024405 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0,603968 | 0,452815 | 0,164241 | 0,112003 | 0,420757 | 0,456632 | 0,49944 | 0,558562 |
| 127 | -0,60397 | -0,45281 | -0,16424 | -0,112 | -0,42076 | -0,45663 | -0,49944 | -0,55856 |
| 128 | 0,93346 | 1,04062 | 1,104962 | 0,313602 | 1,022097 | 1,226573 | 0,830567 | 0,521503 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -0,93346 | -1,04062 | -1,10496 | -0,3136 | -1,0221 | -1,22657 | -0,83057 | -0,5215 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | -0,37248 | -0,8474 | -0,17932 | -0,84576 | -0,22399 | -0,67031 | -0,42032 | -0,10222 |
| 149 | -0,3162 | 0,012822 | -0,4875 | -0,009 | -0,20319 | -0,17726 | -0,19705 | -0,36225 |
| 150 | 0,688683 | 0,834581 | 0,666815 | 0,854764 | 0,427187 | 0,847571 | 0,617377 | 0,464471 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | -2,73535 | -3,08965 | -3,08519 | -3,38279 | -2,77463 | -2,99127 | -2,54026 | -3,19104 |
| 155 | 0,342556 | -0,32331 | -1,004 | -1,48908 | -2,24829 | -2,18536 | -2,48156 | -2,02565 |
| 156 | -0,79961 | -0,70775 | -0,5057 | -0,04925 | -0,10815 | -0,21551 | -0,04372 | 0,22735 |
| 157 | 0,925903 | 1,144446 | 1,373431 | 1,612915 | 1,522182 | 2,110681 | 2,151715 | 2,19419 |
| 158 | 2,266503 | 2,976261 | 3,221453 | 3,308206 | 3,608886 | 3,281455 | 2,913824 | 2,795147 |
| 159 | 0,574145 | 0,683387 | 0,387068 | 0,202574 | 0,272439 | 0,384226 | 0,253183 | 0,430623 |
| 160 | 1,163692 | 0,583917 | 0,967994 | 1,195514 | 1,008063 | 1,248955 | 0,960438 | 0,656362 |
| 161 | -1,73784 | -1,2673 | -1,35506 | -1,39809 | -1,2805 | -1,63318 | -1,21362 | -1,08699 |
| 162 | -0,59748 | -0,37947 | -0,01079 | -0,26324 | -0,19825 | -0,04516 | -0,19124 | -0,42862 |
| 163 | 0,597475 | 0,379472 | 0,010794 | 0,263238 | 0,198249 | 0,045155 | 0,191241 | 0,428618 |
| 164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | -0,56636 | -0,24569 | 0,119417 | -0,28271 | -0,36523 | 0,376291 | 0,124697 | 0,549873 |
| 166 | 0,56636 | 0,245691 | -0,11942 | 0,282713 | 0,365234 | -0,37629 | -0,1247 | -0,54987 |
| 167 | -1,27103 | -0,89608 | -0,59222 | -0,4814 | -0,42059 | 0,052556 | -0,07931 | 0,239357 |
| 168 | 1,033078 | 0,853524 | 0,692063 | 0,654187 | 1,029817 | 0,696764 | 0,716406 | 0,463362 |
| 169 | -0,23944 | -0,17481 | -0,1621 | 0,035396 | 0,205081 | 0,260539 | -0,28943 | 0,150557 |
| 170 | 0,327219 | 0,720308 | 1,190012 | 1,084309 | 0,849244 | 0,463617 | 1,01359 | 0,656465 |
| 171 | -0,08778 | -0,5455 | -1,02791 | -1,1197 | -1,05432 | -0,72416 | -0,72416 | -0,80702 |
| 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 2,526535 | 1,575856 | 2,201719 | 2,323694 | 1,480066 | 1,525273 | 1,709677 | 1,339271 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0,917623 | 0,98487 | 1,206177 | 1,097127 | 1,137876 | 0,73318 | 0,434572 | 0,591153 |
| 181 | -0,91762 | -0,98487 | -1,20618 | -1,09713 | -1,13788 | -0,73318 | -0,43457 | -0,59115 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 185 | -1,03234 | -1,22332 | -1,22617 | -0,62272 | -0,89079 | -0,72223 | -0,90411 | -0,44656 |
| 186 | 1,032342 | 1,223319 | 1,226174 | 0,622724 | 0,890787 | 0,722231 | 0,904113 | 0,446563 |
| 187 | 1,280083 | 1,164948 | 1,25805 | 1,076128 | 0,66757 | 0,572659 | 1,120562 | 1,066367 |
| 188 | 0,177368 | 0,14035 | -0,02106 | 0,043325 | 0,201121 | 0,026101 | -0,31947 | -0,2675 |
| 189 | 0,959776 | 0,986352 | 1,106397 | 1,105476 | 1,029384 | 1,136785 | 1,124639 | 0,990914 |
| 190 | 0,331443 | 0,445299 | 0,442762 | 0,304574 | 0,245219 | 0,36121 | 0,447858 | 0,333263 |
| 191 | 0,318194 | 0,293114 | 0,222997 | 0,172942 | 0,126233 | 0,006328 | -0,02211 | -0,08538 |
| 192 | -0,64964 | -0,73841 | -0,66576 | -0,47752 | -0,37145 | -0,36754 | -0,42575 | -0,24788 |
| 193 | 0,463092 | 0,62431 | 0,837573 | 0,987607 | 0,750052 | 0,700549 | 0,49224 | 0,16407 |
| 194 | 0,297135 | 0,223927 | 0,032453 | -0,00144 | -0,13572 | -0,10698 | 0,313851 | 0,395849 |
| 195 | -0,76023 | -0,84824 | -0,87003 | -0,98617 | -0,61433 | -0,59357 | -0,80609 | -0,55992 |
| 196 | 1,055296 | 1,065742 | 1,191848 | 1,446642 | 1,31684 | 1,189016 | 1,435192 | 1,213765 |
| 197 | 1,368749 | 1,635498 | 1,847483 | 2,054104 | 2,082941 | 2,322375 | 2,146137 | 1,931707 |
| 198 | -0,15129 | 0,083976 | 0,198932 | 0,10152 | -0,08922 | -0,28656 | 0,119608 | 0,303173 |
| 199 | 0,599077 | 0,525078 | 0,445554 | 0,388219 | 0,335953 | 0,342464 | 0,284696 | 0,189602 |
| 200 | -0,44779 | -0,60905 | -0,64449 | -0,48974 | -0,24673 | -0,0559 | -0,4043 | -0,49278 |
| 201 | -1,63369 | -1,45657 | -1,40943 | -1,23281 | -0,60225 | -0,35653 | -0,4006 | -0,1028 |
| 202 | 0,743341 | 0,688604 | 0,183326 | 0,142665 | -0,26467 | -0,69638 | -0,84104 | -0,84157 |
| 203 | 1,546773 | 1,737862 | 1,934039 | 1,781714 | 1,729972 | 1,607932 | 1,676652 | 1,380875 |
| 204 | 0,586571 | 0,776899 | 0,878584 | 0,827009 | 0,470639 | 0,474976 | 0,643549 | 0,524071 |
| 205 | -0,14706 | 0,303275 | 0,429478 | 0,273439 | 0,415374 | 0,395739 | 0,188834 | 0,069826 |
| 206 | 0,468328 | 0,047372 | 0,389594 | 0,325389 | -0,1063 | -0,58703 | -0,744 | 0,177597 |
| 207 | 0,901513 | 0,482593 | -0,5583 | 0,157202 | 0,645165 | 0,503455 | 0,514822 | 0,378684 |
| 208 | 1,603433 | 1,070992 | 0,170286 | 0,093854 | 0,391115 | 0,489437 | 0,911567 | 0,460959 |
| 209 | 1,823044 | 1,77926 | 1,955995 | 1,644942 | 1,375302 | 1,136961 | 0,931532 | 0,700262 |
| 210 | -0,4793 | -0,67745 | 0,02058 | 0,824765 | 0,75282 | 0,384661 | 0,360058 | 0,89635 |
| 211 | 0,04927 | -0,01564 | -0,21925 | 0,079906 | 0,350209 | 0,219438 | -0,17959 | -0,1453 |
| 212 | -1,22153 | -0,99447 | -1,241 | -1,63065 | -1,32796 | -0,9659 | -1,20673 | -0,87631 |
| 213 | 0,520605 | 0,40025 | 0,335955 | 0,241176 | 0,213253 | 0,182904 | 0,466353 | 0,616356 |
| 214 | 0,05208 | 0,105077 | -0,19531 | 0,056318 | 0,285788 | 0,337789 | 0,35518 | 0,29308 |
| 215 | -0,7726 | -0,59867 | -0,67772 | -0,79786 | -0,39209 | -0,54618 | -0,495 | -0,45008 |
| 216 | -0,57781 | -0,95151 | -0,93331 | -0,98226 | -0,94924 | -1,00462 | -1,11987 | -1,1425 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,068826 | 0,290738 | 0,564577 | 0,5057 | 0,214357 | 0,513792 | -0,03326 | 0,647222 |
| 218 | -0,71289 | -0,74063 | -0,64715 | -0,45102 | -0,38126 | -0,47526 | -0,22697 | 0,014245 |
| 219 | 0,497543 | 0,501947 | 0,474133 | 0,895581 | 0,794744 | 0,778902 | 0,982692 | 0,585462 |
| 220 | -0,14206 | 0,128155 | 0,270945 | -0,00051 | -0,06025 | 0,203819 | 0,35294 | -0,20233 |
| 221 | 1,146467 | 1,508578 | 1,404418 | 0,350134 | 0,772497 | 0,873894 | 0,354995 | 0,365288 |
| 222 | -1,35331 | -1,16537 | -1,09885 | -1,02389 | -0,78304 | -0,36971 | -0,37222 | -0,54043 |
| 223 | 1,35331 | 1,165371 | 1,098854 | 1,023887 | 0,783037 | 0,369711 | 0,372217 | 0,540426 |
| 224 | 2,922411 | 2,632051 | 2,443417 | 2,145594 | 2,024189 | 1,592042 | 1,452555 | 1,169774 |
| 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226 | -0,27427 | -0,11406 | 0,09091 | -0,30903 | -0,22298 | -0,24939 | 0,050391 | -0,45813 |
| 227 | 0,274269 | 0,114059 | -0,09091 | 0,309027 | 0,22298 | 0,249388 | -0,05039 | 0,458128 |
| 228 | -1,45745 | -1,3053 | -1,23699 | -1,11945 | -0,86869 | -0,59876 | -0,8011 | -0,79887 |
| 229 | -0,95978 | -0,98635 | -1,1064 | -1,10548 | -1,02938 | -1,13679 | -1,12464 | -0,99091 |
| 230 | 1,37457 | 1,125817 | 1,019786 | 0,815032 | 0,850215 | 0,599736 | 0,49457 | 0,245028 |
| 231 | -1,0451 | -0,91497 | -0,77021 | -0,7049 | -0,505 | -0,4112 | -0,21307 | -0,20484 |
| 232 | 0,571667 | 0,412711 | 0,159776 | 0,34351 | 0,238538 | 0,261006 | 0,421509 | 0,414855 |
| 233 | 1,872195 | 1,793002 | 1,618736 | 1,520686 | 1,431459 | 1,296327 | 1,083626 | 0,997507 |
| 234 | -1,39876 | -1,29074 | -1,00831 | -1,15929 | -1,16499 | -1,14613 | -1,29207 | -1,20752 |
| 235 | 0,437713 | 0,428914 | 0,337561 | 0,421591 | 0,420636 | 0,691065 | 0,46524 | 0,496616 |
| 236 | -0,43771 | -0,42891 | -0,33756 | -0,42159 | -0,42064 | -0,69106 | -0,46524 | -0,49662 |
| 237 | -1,10836 | -1,21961 | -1,07183 | -1,1752 | -1,27446 | -1,17868 | -1,19963 | -1,02425 |
| 238 | -1,58256 | -1,12231 | -0,15438 | 0,4525 | 0,33184 | -0,13287 | 0,362788 | 0,295361 |
| 239 | -0,82462 | -0,92098 | -0,47733 | -0,40893 | -0,71195 | -0,06684 | -0,3066 | -0,08059 |
| 240 | 0,866199 | 0,857412 | 0,642356 | 0,049262 | 0,02965 | 0,134203 | 0,874666 | 0,008412 |
| 241 | 0,785362 | 0,830151 | 0,797319 | 0,676722 | 0,195279 | 0,227599 | 0,151604 | 0,116845 |
| 242 | 0,210879 | 0,190662 | 0,273246 | 0,439718 | 0,32785 | 0,231112 | 0,379756 | 0,369834 |
| 243 | -1,31214 | -1,17974 | -0,98351 | -1,16373 | -1,3383 | -1,31622 | -1,33148 | -1,14005 |
| 244 | 1,066307 | 0,864632 | 0,807877 | 0,532873 | 0,274703 | 0,008855 | -0,28207 | -0,36145 |
| 245 | -1,92051 | -2,13944 | -2,92621 | -2,28411 | -2,03589 | -1,89631 | -1,74116 | -1,15846 |
| 246 | -0,78206 | -0,90789 | -1,07779 | -1,21468 | -1,18495 | -1,18096 | -1,14245 | -1,05618 |
| 247 | -0,65968 | -0,80026 | -0,92279 | -1,09312 | -1,07535 | -1,0778 | -1,12119 | -0,97425 |
| 248 | -0,64956 | -0,74754 | -0,88093 | -1,01603 | -1,00709 | -1,06748 | -1,09593 | -0,96381 |
| 249 | -0,33275 | -0,24555 | -0,15782 | -0,17692 | -0,13239 | -0,18516 | -0,22176 | -0,15124 |
| 250 | 1,292071 | 1,316445 | 1,091235 | 0,82965 | 0,461513 | 0,323766 | 0,02475 | 0,176568 |
| 251 | -0,52483 | -0,22397 | -0,45405 | -0,30402 | -0,25163 | -0,2983 | -0,05303 | 0,068763 |
| 252 | -0,76724 | -1,09247 | -0,63718 | -0,52563 | -0,20988 | -0,02546 | 0,028283 | -0,24533 |
| 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 254 | -0,87692 | -0,76612 | -0,75529 | -0,7816 | -0,2972 | -0,40623 | -0,03619 | -0,35105 |
| 255 | -1,05406 | -1,13034 | -1,01315 | -0,80909 | -1,0273 | -0,58705 | -0,70285 | -0,3616 |
| 256 | -2,36601 | -1,86141 | -1,69476 | -1,36994 | -1,5499 | -1,1985 | -1,20808 | -0,70214 |
| 257 | -0,50141 | -0,54746 | -0,03798 | -0,22378 | -0,12594 | 0,517343 | 0,600021 | -0,37503 |

Tablica D2 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 0.437 | 0.479 | 0.525 | 0.575 | 0.631 | 0.692 | 0.759 | 0.832 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0,62754 | 0,96782 | 0,418043 | -0,39902 | -0,052 | -0,08956 | -0,24942 | -0,55991 |
| 14 | -0,62754 | -0,96782 | -0,41804 | 0,399016 | 0,051998 | 0,089562 | 0,249421 | 0,559915 |
| 15 | 0,068756 | 0,799815 | -0,36357 | -0,24088 | -0,2658 | 0,195219 | 0,213432 | 0,132849 |
| 16 | -0,06876 | -0,79981 | 0,363572 | 0,240884 | 0,265805 | -0,19522 | -0,21343 | -0,13285 |
| 17 | 2,603588 | 2,274319 | 2,091498 | 1,814224 | 0,674302 | 1,170931 | 1,717918 | 0,9931 |
| 18 | -2,74008 | -2,4281 | -2,81845 | -2,24246 | -1,56495 | -1,76034 | -1,50032 | -1,09889 |
| 19 | -2,17214 | -2,09119 | -1,60374 | -1,67965 | -1,01064 | -0,90836 | -1,72755 | -1,13095 |
| 20 | 2,308632 | 2,24497 | 2,330689 | 2,107884 | 1,901297 | 1,497768 | 1,509952 | 1,236743 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 2,678594 | 2,457261 | 2,604448 | 3,044651 | 2,437662 | 1,896671 | 1,499757 | 1,509304 |
| 23 | 2,115947 | 2,020856 | 1,247382 | 1,356719 | 1,503485 | 1,387831 | 1,211607 | 1,499254 |
| 24 | 1,896293 | 1,818625 | 1,930679 | 1,351887 | 1,92044 | 1,461214 | 1,540572 | 1,01125 |
| 25 | -6,69083 | -6,29674 | -5,78251 | -5,75326 | -5,86159 | -4,74572 | -4,25194 | -4,01981 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | -3,26857 | -3,07631 | -2,85714 | -2,94458 | -2,65615 | -2,69351 | -2,41835 | -2,31008 |
| 30 | -0,44315 | -0,36022 | -1,14754 | -0,32144 | -0,71582 | -0,00495 | -0,57915 | -0,18873 |
| 31 | 3,711722 | 3,436527 | 4,004678 | 3,266019 | 3,371966 | 2,698454 | 2,997495 | 2,498811 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0,022646 | -0,04725 | -0,13319 | -0,05593 | 0,090216 | -0,17285 | 0,074187 | -0,02387 |
| 36 | -0,02265 | 0,047253 | 0,133192 | 0,055932 | -0,09022 | 0,172853 | -0,07419 | 0,023867 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | -0,83822 | -0,59732 | -0,79897 | -0,79243 | -0,66096 | -1,30046 | -0,58278 | -0,41118 |
| 39 | 0,838221 | 0,59732 | 0,798966 | 0,792426 | 0,660964 | 1,300465 | 0,582781 | 0,41118 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -1,41509 | -1,07035 | -1,328 | -1,14308 | -1,35295 | -1,64685 | -1,86661 | -1,44014 |
| 42 | 0,756735 | 0,478441 | 0,514595 | 0,173981 | 0,874796 | 1,556818 | 1,132122 | 0,972588 |
| 43 | 0,658352 | 0,591909 | 0,813407 | 0,9691 | 0,478152 | 0,09003 | 0,734484 | 0,467547 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 0,917689 | 0,811659 | 0,369436 | 0,221804 | -0,30268 | -0,48527 | -0,39204 | -0,6855 |
| 50 | -0,91769 | -0,81166 | -0,36944 | -0,2218 | 0,302676 | 0,48527 | 0,392042 | 0,685501 |
| 51 | -2,71412 | -2,9616 | -3,69184 | -3,2478 | -4,21981 | -3,38174 | -2,88431 | -3,78621 |
| 52 | 2,714121 | 2,961596 | 3,691842 | 3,2478 | 4,219813 | 3,381738 | 2,884313 | 3,786212 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 0,259744 | 0,122839 | -0,39518 | 0,771971 | 1,291183 | 0,161591 | 0,646114 | 0,892736 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 2,57667 | 2,036798 | 2,297358 | 0,989587 | 1,993074 | 0,804434 | 0,987211 | 1,005712 |
| 64 | -2,57667 | -2,0368 | -2,29736 | -0,98959 | -1,99307 | -0,80443 | -0,98721 | -1,00571 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | -1,08543 | -0,37869 | -0,55778 | -1,0104 | -0,76153 | -0,42438 | -0,83964 | -0,45825 |
| 67 | 0,350175 | 0,700585 | -0,24054 | 0,049322 | 0,440572 | 0,92199 | 0,939777 | 0,881653 |
| 68 | -0,56834 | -1,70663 | -0,79543 | -0,30379 | -0,74586 | -1,2787 | -0,89385 | -0,82204 |
| 69 | -1,76959 | -1,01341 | -1,24715 | -2,24646 | -1,30421 | -1,8101 | -2,41287 | -0,46869 |
| 70 | 0,935218 | 0,987578 | 0,837416 | 0,792985 | 0,704862 | 0,727878 | 1,019651 | 0,089084 |
| 71 | -0,03074 | -0,00493 | 0,495188 | 0,562055 | 0,074391 | 0,96459 | 0,312225 | 0,100061 |
| 72 | -0,75761 | -0,62784 | -0,80625 | -0,83284 | -0,71252 | -0,11744 | -0,14514 | -0,78658 |
| 73 | -0,91566 | -0,63718 | -0,42303 | -0,47494 | -0,85596 | -0,34198 | -1,65695 | -0,65018 |
| 74 | -4,52981 | -4,93005 | -5,06609 | -4,46582 | -4,13904 | -3,77141 | -2,86236 | -2,8273 |
| 75 | 2,694741 | 2,278044 | 2,081798 | 1,693555 | 0,893984 | 1,158651 | 1,715394 | 1,243774 |
| 76 | 2,750726 | 3,289188 | 3,407324 | 3,247205 | 4,101023 | 2,954742 | 2,803917 | 2,233707 |
| 77 | -0,57722 | -0,5169 | 0,077931 | 0,074078 | -0,34505 | -1,0115 | -0,42748 | -0,84206 |
| 78 | 2,271873 | 3,005854 | 2,176423 | 1,857135 | 2,015242 | 1,817388 | 1,496244 | 1,125147 |
| 79 | -4,31949 | -4,17124 | -4,00129 | -3,49202 | -3,1576 | -2,17443 | -2,44574 | -1,8071 |
| 80 | 2,624836 | 1,682281 | 1,746935 | 1,560805 | 1,487408 | 1,368538 | 1,376976 | 1,524013 |
| 81 | 0,82198 | 0,673348 | 0,982464 | 1,048823 | 0,762517 | 0,302688 | 0,111543 | 0,157165 |
| 82 | 1,526693 | 1,355656 | 0,963103 | 0,854608 | 0,880072 | 0,043384 | -0,07215 | 0,048602 |
| 83 | -2,34867 | -2,029 | -1,94557 | -1,90343 | -1,64259 | -0,34607 | -0,0394 | -0,20577 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | -0,25799 | -0,03462 | 0,199162 | 0,508265 | -0,01686 | 0,587065 | 0,360343 | 0,049807 | |
| 87 | 0,327813 | 0,157082 | 0,387863 | -0,37221 | 0,288188 | 0,232792 | -0,18165 | -0,2179 | |
| 88 | -0,06982 | -0,12247 | -0,58703 | -0,13606 | -0,27133 | -0,81986 | -0,17869 | 0,168091 | |
| 89 | -1,16378 | -0,74016 | -1,01222 | -1,51473 | -1,79493 | -0,96024 | -1,02817 | -0,84224 | |
| 90 | 1,403938 | 1,087467 | 1,423029 | 1,294935 | 1,411022 | 1,171659 | 1,380923 | 1,036519 | |
| 91 | -0,88581 | -0,52433 | -0,92358 | -0,42438 | -0,15408 | -0,44653 | -0,83262 | -0,60197 | |
| 92 | 0,645652 | 0,177024 | 0,512764 | 0,644169 | 0,537986 | 0,235118 | 0,479873 | 0,407686 | |
| 93 | 2,302796 | 2,506611 | 2,148711 | 1,947694 | 1,66067 | 1,414903 | 1,544057 | 0,769657 | |
| 94 | -2,82782 | -2,24707 | -2,31597 | -2,36356 | -1,61279 | -1,67912 | -1,86612 | -1,0007 | |
| 95 | 0,525025 | -0,25954 | 0,167256 | 0,41587 | -0,04788 | 0,264218 | 0,322066 | 0,231041 | |
| 96 | -2,14226 | -1,48145 | -0,93968 | -0,82842 | -0,39853 | -0,75495 | -1,01794 | -0,26322 | |
| 97 | 2,142255 | 1,481446 | 0,93968 | 0,828416 | 0,398533 | 0,754949 | 1,017945 | 0,263217 | |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0,641159 | 0,122518 | 0,408731 | 0,445106 | -0,33381 | -0,13006 | -0,66562 | -0,31892 | |
| 100 | 2,520355 | 1,504444 | 1,549595 | 0,940296 | 0,97338 | 1,058082 | 0,209336 | 0,672573 | |
| 101 | -0,04919 | 0,466535 | -0,24506 | 0,327474 | -0,32342 | -0,38163 | 0,208034 | -0,68194 | |
| 102 | 0,879573 | 0,861248 | 0,757057 | -0,31086 | 0,183126 | 0,450771 | 0,388255 | 0,506497 | |
| 103 | -4,25164 | -3,07759 | -2,07514 | -2,17399 | -1,79046 | -1,15876 | -0,78612 | -1,07094 | |
| 104 | 0,166573 | -0,209 | 0,408475 | 0,785084 | 0,820551 | 0,157279 | 0,191468 | 0,665773 | |
| 105 | 1,495588 | 2,114354 | 1,426991 | 0,406745 | -0,01383 | 0,720082 | 0,39259 | -0,32343 | |
| 106 | -1,66216 | -1,90536 | -1,83547 | -1,19183 | -0,80672 | -0,87736 | -0,58406 | -0,34234 | |
| 107 | -3,04149 | -2,06411 | -1,81934 | -1,21554 | -0,80739 | -0,69385 | -1,01861 | -0,55896 | |
| 108 | 1,327626 | 1,3074 | 0,264978 | 0,579441 | 1,190289 | 0,905635 | 0,393467 | 1,123189 | |
| 109 | 1,650348 | 1,300181 | 1,041301 | -0,04398 | -0,3372 | 0,207181 | 0,12333 | 0,120827 | |
| 110 | -1,2194 | -0,84701 | -0,28909 | -0,11843 | -0,36859 | -1,10578 | -0,69961 | -1,29343 | |
| 111 | 1,28292 | 0,303537 | 0,802153 | 0,798508 | 0,322889 | 0,686817 | 1,201419 | 0,608375 | |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0,399514 | 0,159957 | 0,559827 | 0,627055 | 0,31109 | 0,471275 | 0,949612 | 0,527813 | |
| 127 | -0,39951 | -0,15996 | -0,55983 | -0,62706 | -0,31109 | -0,47127 | -0,94961 | -0,52781 | |
| 128 | 1,218084 | 0,581294 | 0,813491 | 0,796507 | 0,30497 | 0,377827 | 1,263297 | 0,916192 | |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -1,21808 | -0,58129 | -0,81349 | -0,79651 | -0,30497 | -0,37783 | -1,2633 | -0,91619 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | 0,335532 | -0,02824 | 0,040551 | 0,104088 | 0,315862 | -0,10896 | 0,236948 | -0,16117 |
| 149 | -0,17217 | -0,44898 | -0,33597 | -0,07978 | -0,46213 | 0,009503 | 0,458677 | 0,540919 |
| 150 | -0,16336 | 0,477225 | 0,295419 | -0,02431 | 0,146265 | 0,099459 | -0,69562 | -0,37975 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | -2,74985 | -2,51013 | -2,66792 | -2,1074 | -2,51092 | -2,42609 | -1,94078 | -2,18218 |
| 155 | -1,39353 | -1,43038 | -0,87426 | -0,04952 | 0,477872 | 0,700451 | 1,075708 | 1,256519 |
| 156 | -0,25893 | -0,19573 | 0,140064 | -0,52577 | -0,35401 | -0,61855 | -0,71318 | -0,85258 |
| 157 | 2,266022 | 2,326002 | 2,087946 | 2,199282 | 1,662793 | 1,912485 | 1,698721 | 2,192703 |
| 158 | 2,136279 | 1,810233 | 1,314167 | 0,483407 | 0,72427 | 0,431709 | -0,12047 | -0,41446 |
| 159 | 0,513743 | -0,17531 | -0,38821 | -0,48332 | -0,39845 | -0,4467 | -0,71917 | -0,14153 |
| 160 | 0,364141 | 0,558463 | 0,690057 | 0,657081 | 0,435575 | 0,142568 | 0,590327 | 0,061542 |
| 161 | -0,87788 | -0,38316 | -0,30184 | -0,17376 | -0,03713 | 0,304134 | 0,128841 | 0,079989 |
| 162 | -0,35829 | -0,11076 | 0,089294 | 0,143421 | 0,158621 | -0,07418 | 0,006377 | 0,03905 |
| 163 | 0,358294 | 0,110757 | -0,08929 | -0,14342 | -0,15862 | 0,074182 | -0,00638 | -0,03905 |
| 164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | 0,555027 | 0,444072 | 0,503278 | 0,10677 | 0,861515 | 0,54747 | 0,442039 | 0,640591 |
| 166 | -0,55503 | -0,44407 | -0,50328 | -0,10677 | -0,86151 | -0,54747 | -0,44204 | -0,64059 |
| 167 | 0,364111 | -0,10488 | -0,21584 | 0,03747 | 0,52034 | 0,175906 | 0,366315 | 0,155249 |
| 168 | 0,721318 | 0,483565 | 0,773625 | 0,972928 | 0,241193 | 0,248473 | 0,473325 | 0,302997 |
| 169 | 0,120193 | -0,1696 | 0,681468 | -0,25557 | -0,19033 | -0,30068 | 0,151242 | 0,371962 |
| 170 | 1,271059 | 1,172947 | 1,119329 | 0,633788 | 0,849531 | 0,555514 | 0,410438 | -0,1913 |
| 171 | -1,39125 | -1,00335 | -1,8008 | -0,37822 | -0,6592 | -0,25483 | -0,56168 | -0,18066 |
| 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 1,840891 | 1,664645 | 1,756762 | 1,97873 | 1,542772 | 0,591776 | 1,180212 | 1,006506 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0,674792 | 0,546574 | 0,82263 | 0,201363 | -0,33358 | 0,213386 | -0,49895 | -0,53912 |
| 181 | -0,67479 | -0,54657 | -0,82263 | -0,20136 | 0,333581 | -0,21339 | 0,498948 | 0,539116 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 185 | -0,64251 | -0,11236 | 0,086573 | 0,369086 | -0,08056 | 0,414814 | 0,42209 | 0,736843 |
| 186 | 0,642506 | 0,112356 | -0,08657 | -0,36909 | 0,080559 | -0,41481 | -0,42209 | -0,73684 |
| 187 | 0,852169 | 0,519924 | 0,344961 | 0,386872 | 0,626524 | 0,693391 | 0,6314 | 0,418933 |
| 188 | 0,133047 | 0,163681 | 0,374414 | 0,239566 | -0,03395 | -0,2997 | -0,26495 | 0,058445 |
| 189 | 1,13989 | 0,988913 | 0,5045 | 0,42264 | 0,285879 | 0,410838 | 0,559983 | 0,565848 |
| 190 | 0,00793 | 0,022585 | 0,151727 | 0,081357 | 0,02357 | 0,042226 | -0,23756 | -0,0187 |
| 191 | -0,1224 | -0,05663 | -0,03193 | 0,14849 | -0,12201 | 0,214014 | 0,417372 | 0,228483 |
| 192 | 0,114474 | 0,034044 | -0,1198 | -0,22985 | 0,098438 | -0,25624 | -0,17981 | -0,20979 |
| 193 | 0,185696 | 0,130164 | 0,302891 | 0,255786 | 0,292991 | 0,135849 | -0,07133 | 0,18184 |
| 194 | 0,970562 | 0,484739 | -0,0885 | 0,618695 | -0,05176 | 0,293271 | 0,609369 | -0,10202 |
| 195 | -1,15626 | -0,6149 | -0,21439 | -0,87448 | -0,24123 | -0,42912 | -0,53804 | -0,07982 |
| 196 | 0,915444 | 1,230823 | 0,564512 | 1,674036 | 1,442524 | 1,658127 | 1,674358 | 1,504593 |
| 197 | 1,489048 | 1,122497 | 1,825321 | 0,776227 | 1,560499 | 1,562328 | 1,24566 | 1,450324 |
| 198 | 0,023073 | 0,248538 | -0,00072 | 0,247342 | -0,58627 | -0,79599 | -0,77759 | -0,80834 |
| 199 | 0,171718 | -0,05706 | 0,320472 | -0,02701 | 0,370895 | 0,591281 | 0,6404 | 0,792861 |
| 200 | -0,19479 | -0,19147 | -0,31975 | -0,22033 | 0,215374 | 0,204713 | 0,137188 | 0,015475 |
| 201 | -0,41224 | -0,7586 | -0,80739 | 0,38447 | 0,005823 | -0,12239 | -0,30116 | 0,088002 |
| 202 | -0,56922 | -0,94054 | -1,50945 | -2,05447 | -1,53782 | -0,95842 | -0,78838 | -1,76109 |
| 203 | 1,067767 | 1,360554 | 1,473769 | 1,525623 | 0,96453 | 1,794845 | 0,561918 | 1,101913 |
| 204 | 0,357279 | 0,72852 | 0,377724 | 0,485867 | 0,693868 | -0,1029 | 0,057108 | 0,234145 |
| 205 | 0,409301 | -0,34907 | -0,23367 | 0,0864 | -0,27008 | -0,09875 | 0,398416 | 0,502933 |
| 206 | -0,17029 | -0,24885 | -0,25283 | -0,30477 | -0,49806 | -0,9193 | -0,16562 | -0,66798 |
| 207 | -0,60422 | 0,159852 | -0,6021 | -0,34506 | 0,049152 | 0,10312 | 0,233387 | -0,30611 |
| 208 | -0,02292 | 0,001632 | -0,27252 | 0,467614 | 0,110056 | 0,270887 | -0,37708 | 0,340254 |
| 209 | 1,281723 | 0,622914 | 0,306095 | 0,491571 | 0,485594 | 0,307068 | 0,482412 | 0,506111 |
| 210 | -0,01622 | -0,18737 | 0,007877 | -0,23966 | -0,28418 | -0,26259 | -1,22479 | -1,70286 |
| 211 | -0,57724 | -0,63861 | -0,17294 | 0,322628 | -0,13114 | -0,31066 | 0,018161 | 0,044576 |
| 212 | -0,4882 | -0,03157 | -0,98905 | -0,90471 | -0,74775 | -0,87549 | -0,5872 | -0,73935 |
| 213 | 0,462494 | 0,023881 | 0,128818 | 0,005292 | -0,06598 | 0,143714 | 0,214928 | 0,511964 |
| 214 | 0,221725 | -0,21499 | 0,036634 | 0,490141 | -0,01682 | 0,128071 | 0,143305 | 0,555754 |
| 215 | -0,51273 | -0,42737 | -0,57454 | -0,31737 | -0,71637 | -0,4686 | -0,32726 | -0,60022 |
| 216 | -0,96309 | -0,75164 | -0,86557 | -0,49268 | -0,10983 | 0,075995 | 0,219261 | 0,113881 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,759577 | 0,587126 | 0,782622 | 0,504835 | 0,810919 | 0,608407 | 0,539152 | 0,322277 |
| 218 | -0,03696 | 0,126973 | -0,35167 | -0,62959 | -0,61336 | -0,21834 | -0,45182 | -0,15289 |
| 219 | 0,285244 | 0,228358 | 0,307552 | -0,37676 | -0,09313 | -0,56302 | -0,61566 | -1,24568 |
| 220 | 0,370676 | 0,992687 | 0,84022 | 1,068762 | 1,125415 | 0,343731 | 0,397983 | 0,707665 |
| 221 | 0,509006 | 0,544395 | 0,746089 | 0,483172 | 0,645047 | -0,33875 | 0,910458 | 0,435595 |
| 222 | -0,45349 | -0,65313 | -0,27042 | 0,173735 | 0,282947 | -0,14527 | -0,01725 | -0,11934 |
| 223 | 0,453489 | 0,653128 | 0,270423 | -0,17373 | -0,28295 | 0,145268 | 0,017254 | 0,119341 |
| 224 | 0,681463 | 0,34437 | 0,541501 | 0,141612 | 0,368343 | -0,33114 | -0,50472 | -0,64658 |
| 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226 | -0,18511 | -0,14997 | -0,18237 | -0,08206 | 0,117383 | -0,28858 | -0,10776 | -0,62682 |
| 227 | 0,185113 | 0,149973 | 0,182374 | 0,082062 | -0,11738 | 0,288575 | 0,107756 | 0,626824 |
| 228 | -0,98522 | -0,68361 | -0,71937 | -0,62644 | -0,59257 | -0,39369 | -0,36645 | -0,47738 |
| 229 | -1,13989 | -0,98891 | -0,5045 | -0,42264 | -0,28588 | -0,41084 | -0,55998 | -0,56585 |
| 230 | -0,37424 | -0,30776 | -0,17236 | -0,78233 | -0,95745 | -1,10952 | -0,6091 | -0,14571 |
| 231 | -0,57511 | 0,044197 | -0,05982 | -0,03531 | -0,12619 | -0,36831 | -0,89099 | -0,27814 |
| 232 | 0,465385 | 0,473985 | 0,485514 | 0,418371 | 0,329182 | 0,614844 | 0,915214 | 0,183418 |
| 233 | 1,065783 | 0,629016 | 0,545635 | 0,339559 | 0,373407 | 0,277802 | 0,704454 | 0,187312 |
| 234 | -0,95606 | -1,1472 | -0,97133 | -0,72262 | -0,5764 | -0,52433 | -0,72867 | -0,09259 |
| 235 | 0,396822 | 0,491399 | 0,783503 | 0,699429 | 0,243857 | -0,39658 | 0,015161 | 0,526895 |
| 236 | -0,39682 | -0,4914 | -0,7835 | -0,69943 | -0,24386 | 0,39658 | -0,01516 | -0,52689 |
| 237 | -1,55278 | -1,23117 | -0,83398 | -1,73403 | -0,96313 | -0,52516 | -1,30865 | -1,62294 |
| 238 | 0,393102 | 0,888444 | 0,858151 | 1,003412 | 1,362137 | 1,297876 | 0,345344 | 1,303934 |
| 239 | 0,279738 | -0,10106 | -0,20357 | -0,13803 | 0,006196 | -0,41623 | -0,52703 | -0,12444 |
| 240 | 0,312355 | 0,403416 | 0,667199 | 0,271776 | 0,700695 | 0,909653 | 0,875256 | 1,448636 |
| 241 | 0,76931 | 0,454128 | 0,486908 | 0,549963 | 0,46237 | 0,539076 | 0,918573 | 0,948994 |
| 242 | 0,315487 | 0,143063 | 0,632062 | -0,20876 | -0,60119 | -0,08928 | 0,039162 | 0,117682 |
| 243 | -1,2328 | -1,31363 | -1,3932 | -1,45467 | -1,5325 | -1,66188 | -2,1267 | -2,54991 |
| 244 | -0,58694 | -0,56502 | -0,30406 | -0,25264 | -0,32085 | -0,04995 | -0,11989 | -0,21275 |
| 245 | -0,47549 | -0,18561 | 0,631848 | 0,045799 | -0,0972 | 0,399118 | 0,972502 | 0,845708 |
| 246 | -0,92762 | -1,00496 | -1,16518 | -1,32665 | -1,1925 | -0,8936 | -0,89016 | -1,11503 |
| 247 | -0,80416 | -0,80729 | -0,90092 | -0,99075 | -1,11305 | -1,0901 | -1,43563 | -1,29976 |
| 248 | -0,6927 | -0,60352 | -0,38274 | -0,17617 | -0,28499 | -0,30246 | -0,40299 | -0,50019 |
| 249 | 0,019979 | 0,062453 | 0,059009 | 0,043303 | -0,41249 | -0,9343 | -0,19123 | -0,03994 |
| 250 | -0,12631 | -0,12667 | -0,13509 | 0,259806 | 0,089878 | 0,220665 | -0,40918 | -0,01 |
| 251 | 0,250615 | 0,467417 | 0,128544 | -0,54431 | -0,02348 | 0,051371 | 0,63841 | 0,090107 |
| 252 | -0,1243 | -0,34075 | 0,006541 | 0,284506 | -0,0664 | -0,27204 | -0,22923 | -0,0801 |
| 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 254 | -0,30643 | -0,2415 | -0,54979 | 0,152859 | 0,715275 | 0,978052 | 0,302299 | 0,651879 |
| 255 | -0,0385 | 0,275258 | 0,087407 | 0,151213 | -0,53062 | 0,176497 | 0,895235 | -0,08061 |
| 256 | 0,037703 | -0,07037 | 0,093241 | 0,336648 | 0,404451 | 0,286107 | -0,08372 | 0,221012 |
| 257 | 0,426556 | 0,67916 | 1,082974 | 1,265857 | 1,177573 | 1,060136 | 1,593903 | 1,556188 |

Tablica D2 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 0.912 | 1 | 1.096 | 1.202 | 1.318 | 1.445 | 1.585 | 1.738 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | -1,78188 | -0,82938 | -0,56773 | -0,18865 | -0,2207 | -0,10163 | -0,06999 | -0,27826 |
| 14 | 1,781881 | 0,829379 | 0,567732 | 0,188647 | 0,220703 | 0,101629 | 0,069986 | 0,278256 |
| 15 | 0,444632 | 0,201111 | 0,192699 | 0,010218 | -0,02807 | -0,01997 | -0,2602 | -0,4058 |
| 16 | -0,44463 | -0,20111 | -0,1927 | -0,01022 | 0,02807 | 0,019973 | 0,260205 | 0,4058 |
| 17 | 0,649665 | 1,139979 | 0,600253 | 0,620345 | 0,847943 | 0,319775 | 0,026919 | -0,25791 |
| 18 | -1,1706 | -0,79698 | -0,77176 | -1,1521 | -0,87584 | -0,60393 | -0,53389 | -1,02375 |
| 19 | -0,47411 | -1,73917 | -1,24813 | -1,16446 | -1,29133 | -1,09739 | -0,8247 | -0,9639 |
| 20 | 0,995043 | 1,396165 | 1,419637 | 1,696218 | 1,319226 | 1,381549 | 1,331677 | 2,245559 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0,711965 | -0,29271 | -0,14468 | 0,194395 | 0,182721 | 0,451272 | 0,032516 | 0,084919 |
| 23 | 1,338612 | 1,603439 | 1,538538 | 0,732922 | 0,898153 | 1,814589 | 1,132807 | 1,007415 |
| 24 | 1,384755 | 1,685821 | 1,198599 | 0,690616 | 0,300593 | -0,52731 | 0,27141 | -0,04479 |
| 25 | -3,43533 | -2,99655 | -2,59245 | -1,61793 | -1,38147 | -1,73856 | -1,43673 | -1,04754 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | -2,26537 | -1,33442 | -1,64539 | -1,06065 | -0,70552 | -0,36159 | -0,79107 | -1,19309 |
| 30 | 0,264782 | -0,77465 | -0,18173 | 0,829587 | -0,47092 | -0,91823 | -0,15631 | -0,0489 |
| 31 | 2,000591 | 2,10907 | 1,827115 | 0,231067 | 1,176437 | 1,279816 | 0,947372 | 1,241983 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | -0,0242 | -0,48431 | -0,01984 | 0,012586 | 0,031096 | 0,095239 | -0,01974 | -0,07242 |
| 36 | 0,024203 | 0,484305 | 0,019837 | -0,01259 | -0,0311 | -0,09524 | 0,019736 | 0,072424 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | -0,45402 | -1,0141 | -0,07147 | -0,96609 | -0,71945 | -1,06481 | -0,57333 | -0,39098 |
| 39 | 0,454016 | 1,014102 | 0,071475 | 0,966093 | 0,719452 | 1,064814 | 0,573327 | 0,390985 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -1,66697 | -1,0782 | -1,10482 | -1,81899 | -2,1385 | -0,59885 | -1,13809 | -1,28225 |
| 42 | 1,112538 | 0,685837 | 0,89762 | 1,303399 | 1,432202 | 0,67991 | 0,92842 | 0,699476 |
| 43 | 0,554434 | 0,392367 | 0,207196 | 0,515594 | 0,706295 | -0,08106 | 0,209668 | 0,582772 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | -0,99266 | -0,78191 | -0,56248 | -0,30307 | -0,48533 | -0,71708 | -0,04323 | -0,00903 |
| 50 | 0,992665 | 0,781907 | 0,562476 | 0,303069 | 0,485334 | 0,717078 | 0,043229 | 0,009028 |
| 51 | -3,40777 | -2,81638 | -2,08047 | -1,88432 | -2,49582 | -1,45843 | -1,42604 | -0,91846 |
| 52 | 3,407774 | 2,816382 | 2,080472 | 1,884323 | 2,495815 | 1,458427 | 1,426035 | 0,918462 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 0,946533 | 1,044956 | 0,866477 | 0,892433 | 0,537707 | 1,326339 | 1,610315 | 0,874938 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0,794221 | 0,666735 | 0,9668 | 0,44158 | 0,136921 | 0,640969 | 0,561587 | 0,696353 |
| 64 | -0,79422 | -0,66674 | -0,9668 | -0,44158 | -0,13692 | -0,64097 | -0,56159 | -0,69635 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | -0,40257 | -0,4551 | -0,83431 | -0,61904 | -0,7406 | -0,57782 | -0,6951 | -0,1902 |
| 67 | 0,922511 | 0,711235 | 0,367798 | 1,450038 | 0,461452 | 1,389591 | 1,213093 | 1,301803 |
| 68 | -0,92067 | -0,17854 | -0,90346 | -0,92749 | -0,92807 | -0,41658 | -1,18374 | 0,4841 |
| 69 | -1,45262 | -0,96227 | -0,67702 | -1,33571 | -1,57252 | -1,45876 | -0,79802 | -1,5639 |
| 70 | 0,183175 | 0,729279 | 0,074864 | -0,32354 | -0,01756 | -0,98894 | -0,31466 | -1,03536 |
| 71 | 0,006234 | -0,03317 | 0,503263 | 0,033857 | 1,013892 | 0,480555 | 0,786797 | -0,36617 |
| 72 | -0,35491 | -0,99794 | -0,69828 | -0,33797 | -0,53502 | -0,21757 | -0,7608 | -0,15304 |
| 73 | -0,45365 | -1,11202 | -1,79578 | -1,7641 | -1,02047 | -1,04918 | -1,70934 | -1,33222 |
| 74 | -2,64535 | -2,80222 | -2,18663 | -1,49941 | -1,86494 | -1,29588 | -1,48596 | -2,06549 |
| 75 | 0,56838 | 0,998409 | 0,807334 | 0,761818 | 0,118682 | 0,337377 | 0,677794 | 0,892035 |
| 76 | 2,53062 | 2,915829 | 3,175075 | 2,501702 | 2,766736 | 2,007684 | 2,517501 | 2,505671 |
| 77 | -1,27145 | -0,78307 | -1,21488 | -1,43292 | -1,37787 | -1,57917 | -0,9547 | -1,5462 |
| 78 | 1,125757 | 0,728005 | 0,25016 | 0,246247 | 0,230109 | 0,541874 | -0,0586 | 0,298638 |
| 79 | -1,02541 | -0,72592 | -0,09591 | -0,09479 | -0,45069 | -0,84401 | -0,12457 | 0,110342 |
| 80 | 1,171106 | 0,780988 | 1,060637 | 1,28146 | 1,598453 | 1,881308 | 1,137871 | 1,137219 |
| 81 | 0,339006 | 0,312795 | -0,43719 | -0,05077 | -0,08698 | -0,37616 | -0,10934 | -0,12186 |
| 82 | 0,334595 | 0,114387 | -0,49078 | 0,015518 | -0,39968 | -0,20928 | -0,50436 | -0,2633 |
| 83 | -0,6736 | -0,42718 | 0,927964 | 0,035253 | 0,486667 | 0,585441 | 0,613695 | 0,385166 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0,620983 | 0,508633 | 0,184494 | 1,455622 | 0,807911 | 0,911106 | 0,426132 | 0,645188 |
| 87 | -0,59205 | -0,03479 | 0,123458 | -0,26375 | -0,30529 | -0,13778 | 0,041622 | 0,079277 |
| 88 | -0,02894 | -0,47385 | -0,30795 | -1,19187 | -0,50262 | -0,77333 | -0,46775 | -0,72446 |
| 89 | -0,71479 | -1,34677 | -0,67851 | 0,096453 | -0,47721 | -0,23099 | 0,748234 | 0,388462 |
| 90 | 0,81462 | 1,00246 | 0,460688 | 0,500167 | 0,424704 | 0,411586 | 0,408361 | 1,022088 |
| 91 | -0,64579 | 0,125597 | -0,05006 | -0,49865 | -0,28172 | -0,27237 | -0,81121 | -0,54861 |
| 92 | 0,545957 | 0,218709 | 0,267874 | -0,09797 | 0,334227 | 0,091777 | -0,34539 | -0,86194 |
| 93 | 0,699551 | 0,237008 | 0,616966 | 0,562304 | 0,168078 | 0,355919 | 0,626095 | 0,55633 |
| 94 | -0,2242 | 0,070302 | -0,15928 | -0,17641 | 0,361409 | -0,1683 | -0,65382 | -0,79875 |
| 95 | -0,47535 | -0,30731 | -0,45768 | -0,38589 | -0,52949 | -0,18762 | 0,027729 | 0,24242 |
| 96 | -0,36591 | -0,28857 | -0,62394 | 0,19288 | -0,54301 | -0,58805 | -0,72056 | 0,135664 |
| 97 | 0,365908 | 0,288567 | 0,623942 | -0,19288 | 0,54301 | 0,588052 | 0,720565 | -0,13566 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | -0,34337 | -0,8016 | -0,57745 | -0,28328 | -0,0525 | -0,64276 | -0,31902 | -0,38131 |
| 100 | 0,565486 | 0,094325 | 1,118201 | 0,598416 | 0,209046 | 0,571971 | 0,689713 | 0,415896 |
| 101 | -0,69102 | -0,46831 | -0,06465 | -0,06276 | -0,72288 | -1,16515 | -1,2948 | -0,12479 |
| 102 | 0,241378 | 0,343144 | 0,121992 | -0,09566 | 0,755179 | 0,509006 | 0,525758 | -0,10234 |
| 103 | -0,71901 | -0,21251 | -1,46457 | -1,04915 | -0,72655 | -0,5994 | -1,21196 | -0,6824 |
| 104 | 0,415274 | 0,543672 | 0,260103 | 0,046906 | 0,451521 | 0,800989 | 0,484352 | 0,398298 |
| 105 | 0,026999 | 0,170881 | -0,06215 | 0,014419 | 0,707457 | -0,15023 | 0,090862 | 0,209301 |
| 106 | -0,44227 | -0,71455 | -0,19795 | -0,06132 | -1,15898 | -0,65075 | -0,57521 | -0,6076 |
| 107 | -0,23048 | -0,45464 | -0,41513 | -0,02491 | 0,084995 | 0,481027 | -0,19111 | 0,406454 |
| 108 | 0,749764 | 0,405861 | 1,670225 | 1,229961 | 0,754693 | 0,754494 | 0,952638 | 0,600902 |
| 109 | -0,19315 | 0,176155 | -0,25239 | -0,59194 | -0,05426 | -0,34632 | -0,0997 | -0,89594 |
| 110 | -1,19891 | -0,87989 | -2,449 | -1,6947 | -1,56581 | -1,75159 | -2,00136 | -1,63439 |
| 111 | 0,872783 | 0,752514 | 1,446291 | 1,081588 | 0,780389 | 0,862397 | 1,339541 | 1,522971 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0,37175 | 0,934102 | 0,574821 | 0,636736 | 0,072989 | 0,256058 | 0,186444 | 0,514029 |
| 127 | -0,37175 | -0,9341 | -0,57482 | -0,63674 | -0,07299 | -0,25606 | -0,18644 | -0,51403 |
| 128 | 0,834566 | 0,611041 | 0,885546 | 0,760575 | 0,245268 | 0,449156 | 0,285943 | 0,496822 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -0,83457 | -0,61104 | -0,88555 | -0,76057 | -0,24527 | -0,44916 | -0,28594 | -0,49682 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | 0,331401 | 0,040591 | -0,24436 | -0,12834 | -0,26154 | 0,018669 | 0,307198 | 0,37379 |
| 149 | -0,28068 | 0,094537 | 0,530664 | 0,719431 | 0,460142 | 0,424427 | -0,39531 | -0,20297 |
| 150 | -0,05072 | -0,13513 | -0,28631 | -0,59109 | -0,1986 | -0,4431 | 0,08811 | -0,17082 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | -1,39067 | -1,88536 | -1,58209 | -1,55651 | -1,52824 | -0,7253 | -1,66741 | -1,85983 |
| 155 | 1,680867 | 1,688357 | 2,096646 | 2,009192 | 1,677896 | 1,786007 | 1,901356 | 1,413053 |
| 156 | -1,46592 | -0,90371 | -0,99904 | -0,73715 | -0,69523 | -0,48974 | -0,93219 | -0,89913 |
| 157 | 2,132293 | 1,527085 | 1,201752 | 0,946686 | 1,739565 | 2,12727 | 2,280839 | 2,138689 |
| 158 | -0,95657 | -0,42638 | -0,71726 | -0,66222 | -1,19399 | -2,69824 | -1,5826 | -0,79278 |
| 159 | -0,72983 | -0,7359 | -0,77715 | -0,87957 | -0,73747 | -0,31004 | -0,63574 | -0,80348 |
| 160 | 0,51293 | 0,340811 | 0,831681 | 0,366757 | 0,68219 | 0,260419 | 0,375651 | 0,504131 |
| 161 | 0,216899 | 0,395092 | -0,05453 | 0,512814 | 0,055276 | 0,04962 | 0,260091 | 0,299346 |
| 162 | 0,110614 | 0,296018 | 0,330101 | -0,23922 | 0,564921 | 0,382914 | 0,324606 | 0,27401 |
| 163 | -0,11061 | -0,29602 | -0,3301 | 0,239217 | -0,56492 | -0,38291 | -0,32461 | -0,27401 |
| 164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | 0,746637 | 0,197711 | 0,597775 | 0,139971 | -0,14419 | 0,185439 | 0,13602 | -0,02557 |
| 166 | -0,74664 | -0,19771 | -0,59777 | -0,13997 | 0,144192 | -0,18544 | -0,13602 | 0,025569 |
| 167 | 0,505203 | 0,230138 | 0,171892 | 0,044068 | 0,195554 | 0,402628 | 1,040383 | 0,483939 |
| 168 | -0,10264 | 0,224961 | 0,66242 | 0,574972 | 0,545043 | 0,175195 | -0,34528 | -0,29374 |
| 169 | 0,431507 | 0,422452 | 0,004617 | 0,240663 | 0,197506 | 0,058599 | 0,176802 | -0,26732 |
| 170 | 0,000805 | -0,29329 | 0,11682 | 0,283892 | -0,08314 | 0,363332 | -0,15311 | -0,05029 |
| 171 | -0,43231 | -0,12917 | -0,12144 | -0,52456 | -0,11436 | -0,42193 | -0,0237 | 0,317611 |
| 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 1,616275 | 0,731408 | 1,332837 | 1,440809 | 1,577818 | 1,211699 | 1,057331 | 1,332564 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | -0,37425 | -0,10243 | -0,37503 | 0,177063 | -0,33989 | -0,53866 | -0,13006 | -0,07951 |
| 181 | 0,37425 | 0,102427 | 0,375028 | -0,17706 | 0,339893 | 0,53866 | 0,130056 | 0,079507 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 185 | 0,666766 | 0,659725 | 1,074154 | 0,759216 | 0,94748 | 0,969838 | 0,95034 | 0,97288 |
| 186 | -0,66677 | -0,65973 | -1,07415 | -0,75922 | -0,94748 | -0,96984 | -0,95034 | -0,97288 |
| 187 | 0,418544 | 0,493889 | 0,650775 | 0,578224 | 0,232067 | 0,709588 | 0,489176 | 1,155255 |
| 188 | 0,046416 | 0,310974 | 0,395774 | 0,463282 | 0,148431 | -0,03555 | 0,245475 | -0,29745 |
| 189 | 0,886807 | 0,366002 | 0,184736 | 0,465989 | 0,614314 | 0,591718 | 0,813796 | 0,52938 |
| 190 | 0,341254 | 0,395242 | 0,033156 | -0,03098 | 0,605518 | 0,38577 | 0,076008 | 0,191477 |
| 191 | 0,281569 | 0,613839 | 0,828654 | 0,960357 | 0,553897 | 0,278111 | 0,325587 | 0,547614 |
| 192 | -0,62282 | -1,00908 | -0,86181 | -0,92938 | -1,15942 | -0,66388 | -0,4016 | -0,73909 |
| 193 | 0,185993 | 0,198517 | -0,05524 | -0,06764 | 0,165659 | -0,06912 | 0,439631 | 1,083677 |
| 194 | 0,200362 | 0,501099 | 0,591141 | 0,807455 | 0,746988 | 0,579861 | 1,101657 | 0,673488 |
| 195 | -0,38636 | -0,69962 | -0,5359 | -0,73982 | -0,91265 | -0,51074 | -1,54129 | -1,75716 |
| 196 | 1,327026 | 1,027673 | 1,490259 | 1,413446 | 0,86438 | 0,374643 | -0,0133 | 0,350366 |
| 197 | 1,140256 | 1,470369 | 0,75026 | 0,41768 | 0,872332 | 0,93407 | 0,71952 | 0,828894 |
| 198 | -0,61799 | -1,07391 | -1,01547 | -1,12702 | -1,20493 | -1,03051 | -0,94332 | -0,50634 |
| 199 | 1,191706 | 1,192873 | 1,12278 | 1,322412 | 0,996577 | 1,054634 | 0,910448 | 0,175983 |
| 200 | -0,57371 | -0,11896 | -0,10731 | -0,19539 | 0,20835 | -0,02412 | 0,032873 | 0,330357 |
| 201 | -0,26249 | -0,6749 | -0,18452 | -0,34873 | -0,54838 | -0,57418 | -1,18533 | -1,1895 |
| 202 | -0,56057 | -0,15757 | -1,38794 | -0,36355 | -0,40327 | -0,23864 | 0,078627 | 0,581862 |
| 203 | 1,583985 | 0,222909 | 0,54272 | 0,455084 | 0,475581 | 0,564186 | 0,308432 | 0,288296 |
| 204 | 0,148173 | 0,419493 | -0,52661 | 0,201412 | 0,267234 | 0,437894 | 0,459994 | -0,18625 |
| 205 | 0,321236 | -0,06693 | 0,546094 | -0,23961 | 0,174902 | -0,40896 | -0,57266 | 0,05301 |
| 206 | -0,13612 | 0,361736 | 0,180682 | -0,23173 | 0,541319 | 0,461432 | 0,610821 | -0,39425 |
| 207 | -0,89782 | -0,58435 | -0,24503 | -0,40925 | -0,81205 | 0,117359 | -0,10717 | 0,134091 |
| 208 | -0,27414 | -0,72099 | -0,92591 | -0,39168 | -0,3864 | -0,22872 | -0,57004 | -0,46252 |
| 209 | 0,568228 | 0,463941 | 0,324504 | 0,777299 | 0,480959 | 0,212628 | 1,124077 | 0,947436 |
| 210 | -0,83853 | -0,93935 | -0,97169 | -0,05107 | 0,219124 | 0,361513 | 0,272645 | -0,05531 |
| 211 | 0,052579 | 0,098034 | 0,526391 | 0,365706 | 0,377134 | -0,43386 | 0,034359 | 0,318953 |
| 212 | -1,20053 | -0,74198 | -0,30615 | -0,56542 | -1,64272 | -0,64014 | -0,94033 | -0,55207 |
| 213 | 1,04272 | 1,416794 | -0,07053 | 0,28929 | 1,590822 | 0,929532 | 0,062406 | -0,18546 |
| 214 | 0,228193 | 0,141002 | 0,508832 | 0,968451 | 0,322521 | 0,710599 | 0,717032 | 0,435655 |
| 215 | -1,12349 | -1,35286 | -0,88689 | -0,67951 | -1,18112 | -1,25394 | -0,82858 | -1,38273 |
| 216 | 0,434712 | 0,456063 | -0,30884 | -0,12554 | 0,41959 | 0,543663 | -0,56797 | -0,36163 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,553057 | -0,26634 | 0,905736 | 0,416733 | 0,294211 | 0,167094 | 0,654007 | 0,332772 |
| 218 | -0,34094 | 0,506599 | 0,410904 | -0,25274 | -1,04662 | -0,21036 | 0,020361 | -0,27915 |
| 219 | -0,10209 | -0,47477 | -0,53543 | -0,42028 | 0,053388 | -0,77881 | 0,220605 | 1,030318 |
| 220 | 0,384361 | 0,578771 | 0,77646 | 0,689481 | 0,626635 | 0,696253 | 0,538633 | 1,001786 |
| 221 | -0,38717 | -0,114 | -0,24642 | 0,012048 | 0,772939 | 0,952118 | 0,669787 | 0,760185 |
| 222 | -0,06252 | -0,14418 | -0,16367 | -0,15879 | -0,05518 | -0,01995 | 0,282122 | 0,608572 |
| 223 | 0,062523 | 0,144177 | 0,163672 | 0,158793 | 0,055181 | 0,019946 | -0,28212 | -0,60857 |
| 224 | -0,63052 | -1,25628 | -1,19777 | -1,13787 | -0,51992 | -1,06142 | -0,93499 | -0,4396 |
| 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226 | -0,10829 | -0,37467 | -0,28045 | 0,347555 | -0,77573 | -0,32982 | -0,62105 | 0,059635 |
| 227 | 0,108294 | 0,374669 | 0,280449 | -0,34755 | 0,77573 | 0,329815 | 0,621052 | -0,05964 |
| 228 | -0,46496 | -0,80486 | -1,04655 | -1,04151 | -0,3805 | -0,67403 | -0,73465 | -0,8578 |
| 229 | -0,88681 | -0,366 | -0,18474 | -0,46599 | -0,61431 | -0,59172 | -0,8138 | -0,52938 |
| 230 | -0,73323 | -0,81408 | -1,07421 | -1,44411 | -1,63669 | -1,92616 | -1,05538 | -1,49663 |
| 231 | -0,268 | 0,11165 | -0,26361 | -0,65519 | -0,40425 | -0,24585 | -0,60658 | -0,4705 |
| 232 | 0,784931 | 0,334984 | 0,185873 | 0,449796 | 0,666795 | 0,908208 | 0,628786 | 0,823574 |
| 233 | 0,395873 | 0,165192 | 0,490937 | 0,028694 | -0,63421 | 0,112047 | -0,15946 | -0,17977 |
| 234 | -0,9128 | -0,61183 | -0,4132 | 0,176698 | 0,371669 | -0,77441 | 0,137247 | -0,17331 |
| 235 | 0,323748 | 0,371738 | 0,580782 | 0,700257 | 0,847679 | 0,597504 | 0,370719 | 0,405154 |
| 236 | -0,32375 | -0,37174 | -0,58078 | -0,70026 | -0,84768 | -0,5975 | -0,37072 | -0,40515 |
| 237 | -0,38991 | -0,63196 | -0,71412 | -0,98499 | -1,19023 | -1,69417 | -0,58062 | -0,23518 |
| 238 | 0,532405 | 0,326772 | 0,916227 | 1,799698 | 1,193289 | 1,501252 | 1,027419 | 1,108401 |
| 239 | -0,40704 | -0,65284 | -0,113 | -0,74062 | -1,01171 | -0,01435 | -0,44198 | -0,28423 |
| 240 | 1,312851 | 0,74138 | 0,490216 | -0,62316 | -0,00026 | -0,0806 | -0,02817 | -0,10842 |
| 241 | 0,673624 | 0,841918 | 0,261237 | 0,873945 | 1,046728 | 0,79308 | 0,661491 | 0,396841 |
| 242 | 0,649698 | 1,080355 | 0,39616 | 0,542609 | 0,112469 | -0,91993 | 0,271625 | 0,296458 |
| 243 | -2,39341 | -2,11385 | -1,44718 | -1,95576 | -1,56101 | -1,56646 | -1,70321 | -1,91811 |
| 244 | -1,07652 | -1,00526 | -0,80024 | -0,88589 | -1,07942 | -0,80402 | -0,8165 | -0,59157 |
| 245 | 0,237294 | 0,714622 | 1,670635 | 1,084509 | 0,776216 | 0,834669 | 0,499494 | 0,597137 |
| 246 | -1,20685 | -1,31767 | -0,9276 | -0,81596 | -0,95342 | -0,59517 | -0,17472 | -0,84493 |
| 247 | -0,9686 | -0,82706 | -1,09593 | -1,24954 | -1,56433 | -1,45984 | -1,19067 | -1,53336 |
| 248 | -0,48216 | -0,56713 | -0,59711 | -0,41443 | -0,07131 | 0,04125 | 0,079793 | -0,03798 |
| 249 | 0,190329 | 0,21381 | 0,380133 | 0,648801 | 0,852342 | 0,705046 | 0,579374 | 1,237007 |
| 250 | 0,25662 | 0,388498 | 0,148906 | 0,137433 | 0,658517 | 0,583955 | 0,738154 | 1,003348 |
| 251 | 0,15696 | -0,81154 | -0,766 | -0,6145 | -1,24349 | -0,6332 | -0,95881 | -1,42847 |
| 252 | -0,41358 | 0,423037 | 0,617094 | 0,477069 | 0,584971 | 0,049245 | 0,220656 | 0,425117 |
| 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 254 | 0,392381 | -0,12604 | 0,286014 | 1,363138 | 0,740747 | 1,052581 | 0,580448 | -0,18056 |
| 255 | 0,548909 | 0,594659 | 0,818389 | 0,643902 | 0,464889 | 0,876358 | 0,480752 | 0,840972 |
| 256 | 0,42246 | 1,601746 | 1,167581 | 0,574937 | 0,950973 | 1,058632 | 0,929166 | 1,275825 |
| 257 | 1,667664 | 2,127558 | 1,213701 | 0,79328 | 1,118154 | 0,563866 | 0,110723 | -0,09683 |

Tablica D2 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 1.905 | 2.089 | 2.291 | 2.512 | 2.754 | 3.020 | 3.311 | 3.631 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | -0,29188 | -1,1603 | -0,62142 | -0,12493 | -0,17719 | -0,62626 | -0,68911 | -0,3899 |
| 14 | 0,291884 | 1,160304 | 0,621421 | 0,124933 | 0,177191 | 0,626255 | 0,689108 | 0,389897 |
| 15 | -0,13609 | -0,37714 | 0,294234 | -0,00924 | 0,228329 | 0,218702 | 0,014197 | 0,690842 |
| 16 | 0,136087 | 0,377143 | -0,29423 | 0,009238 | -0,22833 | -0,2187 | -0,0142 | -0,69084 |
| 17 | -0,09014 | -0,04854 | -0,4836 | -0,52129 | -1,06265 | -0,99642 | -1,21086 | -1,33956 |
| 18 | -0,71653 | -0,68876 | -0,13122 | -0,69689 | 0,157285 | -0,24427 | -0,1281 | -0,115 |
| 19 | -0,89251 | -0,77097 | -0,59582 | -0,52374 | -1,2167 | -0,77207 | -0,36752 | 0,004808 |
| 20 | 1,699182 | 1,508269 | 1,210642 | 1,741926 | 2,12206 | 2,012765 | 1,706489 | 1,449755 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | -0,21653 | -0,14786 | -0,9293 | -0,67242 | -0,08097 | -1,03971 | -0,37268 | -0,87785 |
| 23 | 0,981209 | 1,007843 | 1,01766 | 0,489776 | 0,019131 | 0,460213 | 0,505504 | 1,030988 |
| 24 | -0,02518 | -0,49331 | -0,51864 | -0,48754 | -0,43719 | -0,45598 | -0,18857 | -0,93191 |
| 25 | -0,7395 | -0,36667 | 0,430278 | 0,670188 | 0,499031 | 1,035482 | 0,055742 | 0,778776 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | -0,0026 | -0,81506 | -0,90158 | -0,23041 | -0,41116 | -0,717 | -0,44774 | 0,550636 |
| 30 | 0,102896 | -0,46332 | -0,65946 | -1,14788 | -0,99357 | -0,56089 | -0,5302 | -0,35785 |
| 31 | -0,1003 | 1,278381 | 1,561036 | 1,378289 | 1,404728 | 1,277897 | 0,977938 | -0,19279 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0,005953 | 0,052927 | -0,1495 | 0,130742 | 0,18041 | 0,408515 | -0,61893 | -0,23485 |
| 36 | -0,00595 | -0,05293 | 0,149496 | -0,13074 | -0,18041 | -0,40851 | 0,618931 | 0,234854 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | -0,15002 | -0,47284 | -0,27449 | -0,41313 | -0,2087 | -0,18896 | -0,47892 | 0,482012 |
| 39 | 0,150016 | 0,472837 | 0,274488 | 0,413126 | 0,208704 | 0,188964 | 0,478919 | -0,48201 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -0,60989 | -0,99403 | -1,04823 | -0,66947 | -0,40393 | -0,05076 | 0,221463 | -0,44875 |
| 42 | 0,659461 | 0,294783 | 1,192543 | 0,701494 | 0,209772 | 0,331961 | 0,34779 | 0,403703 |
| 43 | -0,04957 | 0,699252 | -0,14431 | -0,03202 | 0,194155 | -0,2812 | -0,56925 | 0,045049 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 0,143655 | 0,04454 | 0,509587 | -0,07809 | 0,21683 | 0,48978 | -0,01427 | 0,898678 |
| 50 | -0,14365 | -0,04454 | -0,50959 | 0,078088 | -0,21683 | -0,48978 | 0,014271 | -0,89868 |
| 51 | -1,49739 | -1,20995 | -0,70168 | -0,01741 | -0,48239 | 0,045095 | -0,36865 | -0,45257 |
| 52 | 1,497391 | 1,209953 | 0,701684 | 0,017415 | 0,482393 | -0,0451 | 0,36865 | 0,452572 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 1,05896 | 0,819637 | 1,041517 | 0,855486 | 0,755333 | 1,154475 | 0,691488 | 1,015305 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0,513494 | 0,75471 | 0,594727 | 0,470284 | 0,210365 | 0,200568 | -0,00874 | 0,868297 |
| 64 | -0,51349 | -0,75471 | -0,59473 | -0,47028 | -0,21036 | -0,20057 | 0,008743 | -0,8683 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | -0,54932 | -0,9687 | -1,28111 | -0,66671 | -1,09643 | -0,66015 | -0,67807 | -0,74521 |
| 67 | 1,00552 | 1,91565 | 1,821404 | 1,345738 | 1,714563 | 0,712142 | 1,398065 | 0,769631 |
| 68 | -0,02713 | 0,208811 | -0,24227 | 0,275342 | -0,04207 | 0,220984 | -0,81269 | -0,72815 |
| 69 | -1,38539 | -0,90707 | -0,94308 | -3,33474 | -0,35225 | -2,35226 | -1,15661 | -0,62008 |
| 70 | -1,09675 | -1,37287 | -1,75179 | -1,1728 | -1,4264 | -0,77847 | -0,85955 | -1,75537 |
| 71 | 0,818076 | 0,32246 | 0,821793 | 1,51104 | -0,05317 | 1,207094 | 0,966157 | 1,466534 |
| 72 | 0,37646 | -0,66933 | 0,122095 | 0,648997 | 0,64346 | 1,005296 | 0,534364 | 0,615923 |
| 73 | -1,06214 | -1,17227 | -1,09308 | -1,24061 | -1,16889 | -1,19882 | -0,91177 | -1,12454 |
| 74 | -1,74807 | -1,54157 | -1,60868 | -1,79117 | -2,46537 | -1,29503 | -1,71034 | -1,87393 |
| 75 | 1,037351 | -0,03183 | 0,381033 | 0,451126 | 0,627927 | -0,40781 | 0,064748 | 0,449906 |
| 76 | 1,77286 | 2,745674 | 2,320719 | 2,580651 | 3,006338 | 2,901662 | 2,557363 | 2,548563 |
| 77 | -1,85911 | -1,29461 | -1,09531 | -1,59525 | -0,97325 | -1,37499 | -1,31767 | -1,71626 |
| 78 | -0,35263 | -0,14043 | 0,133874 | 0,368806 | -0,42681 | 0,006108 | -0,33235 | 0,081718 |
| 79 | 0,495181 | 0,041317 | -0,38351 | -0,46916 | 0,861252 | 0,269539 | 0,018329 | 0,48327 |
| 80 | 1,716555 | 1,393724 | 1,344946 | 1,695601 | 0,538806 | 1,099341 | 1,631689 | 1,151276 |
| 81 | -0,49414 | -0,64865 | -0,37177 | -0,52833 | -0,58422 | -0,0166 | -0,65424 | -0,63597 |
| 82 | -0,51431 | -0,38066 | -0,75198 | -0,67741 | -0,72046 | -1,62453 | -1,03923 | -0,49917 |
| 83 | 1,008449 | 1,029309 | 1,123744 | 1,205745 | 1,304683 | 1,641129 | 1,693476 | 1,135138 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0,37812 | 0,521508 | 0,229805 | 0,434054 | -0,0167 | -0,32724 | 0,135212 | 0,644783 |
| 87 | -0,3291 | 0,020637 | -0,0832 | -0,73918 | -0,36049 | -0,12051 | -0,75068 | -1,33309 |
| 88 | -0,04902 | -0,54215 | -0,1466 | 0,30513 | 0,377196 | 0,447759 | 0,615464 | 0,688311 |
| 89 | 0,49021 | 0,916662 | 0,559163 | 0,891001 | 0,38919 | -0,50894 | -0,40074 | -0,19699 |
| 90 | 1,241928 | 0,990706 | 0,609867 | 0,415307 | 0,869035 | 1,361489 | 1,427517 | 0,724663 |
| 91 | -1,28457 | -0,9711 | -0,84627 | -1,23101 | -1,31915 | -1,0549 | -1,08634 | -0,54777 |
| 92 | -0,44756 | -0,93627 | -0,32276 | -0,0753 | 0,060928 | 0,202351 | 0,059562 | 0,020095 |
| 93 | 0,933289 | 0,025347 | 0,354877 | 0,120404 | -0,17323 | -0,0269 | 0,369178 | 0,487462 |
| 94 | -0,73973 | 0,130978 | 0,186674 | -0,24112 | 0,140859 | -0,21605 | -0,33936 | -1,2865 |
| 95 | -0,19355 | -0,15633 | -0,54155 | 0,120716 | 0,032367 | 0,242949 | -0,02982 | 0,799034 |
| 96 | -0,09855 | -0,21804 | 0,34248 | 0,131876 | -0,38015 | -0,03719 | -0,43174 | -0,40932 |
| 97 | 0,098552 | 0,218035 | -0,34248 | -0,13188 | 0,380152 | 0,037191 | 0,431744 | 0,409316 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | -0,30258 | -0,06671 | 0,273222 | 0,440758 | -0,36562 | 0,527318 | 0,107087 | -0,00634 |
| 100 | -0,13961 | -0,19609 | -0,02933 | -0,03263 | 0,704064 | -0,09719 | 0,309718 | 0,219853 |
| 101 | -0,62372 | -0,65295 | -0,79494 | -0,94027 | -1,49752 | -1,68745 | -0,8223 | -1,81608 |
| 102 | 0,387081 | 0,716007 | 0,296587 | 0,584188 | 0,407557 | 0,314146 | -0,108 | 0,728471 |
| 103 | -0,38014 | -0,61989 | -0,78705 | -0,90753 | -0,00382 | -0,21129 | -0,17799 | -0,14121 |
| 104 | 0,435823 | 0,518967 | -0,18409 | 0,137749 | -0,05404 | 0,036526 | 0,753019 | -0,02496 |
| 105 | 0,340819 | 0,338588 | 0,793579 | 0,48475 | 0,916612 | 0,374417 | -0,24686 | 0,137005 |
| 106 | -0,77664 | -0,85756 | -0,60949 | -0,6225 | -0,86257 | -0,41094 | -0,50616 | -0,11205 |
| 107 | -0,16577 | -0,66246 | 0,486559 | 0,404512 | -0,35576 | 0,003508 | 0,674763 | -0,18516 |
| 108 | 0,821789 | 0,453634 | 0,619734 | 0,053215 | 0,75201 | 0,980843 | 0,479388 | 0,868834 |
| 109 | -0,17483 | 0,209235 | -0,11894 | 0,400036 | -0,11546 | -0,87615 | -0,93888 | -0,64705 |
| 110 | -1,14622 | -1,67562 | -1,88452 | -2,15783 | -1,44401 | -1,65298 | -1,24699 | -1,61653 |
| 111 | 0,665044 | 1,67521 | 0,897158 | 1,300065 | 1,163217 | 1,544774 | 1,031721 | 1,57991 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0,216329 | 0,670677 | -0,18298 | 0,111488 | 0,381024 | 0,141163 | -0,24086 | 0,264222 |
| 127 | -0,21633 | -0,67068 | 0,182981 | -0,11149 | -0,38102 | -0,14116 | 0,240859 | -0,26422 |
| 128 | 0,502112 | 0,393263 | -0,22294 | 0,359659 | 0,226798 | 0,466197 | 0,552484 | 0,767952 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -0,50211 | -0,39326 | 0,222936 | -0,35966 | -0,2268 | -0,4662 | -0,55248 | -0,76795 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | -0,10228 | -0,64609 | -0,34614 | -0,05634 | -0,05518 | 0,100685 | 0,009347 | -0,28603 |
| 149 | 0,471749 | 0,410265 | 0,461818 | 0,330394 | 0,769813 | -0,10716 | 0,784698 | 0,619505 |
| 150 | -0,36946 | 0,235824 | -0,11568 | -0,27406 | -0,71463 | 0,006479 | -0,79404 | -0,33348 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | -1,46684 | -1,50356 | -1,86011 | -2,28861 | -2,27728 | -1,72098 | -2,08755 | -2,02766 |
| 155 | 1,939138 | 1,471904 | 2,026953 | 2,107561 | 2,045366 | 1,449625 | 2,294673 | 2,32768 |
| 156 | -1,44679 | -1,13503 | -1,44068 | -1,45094 | -1,19134 | -1,48336 | -1,67033 | -1,63755 |
| 157 | 2,1376 | 1,846659 | 2,123211 | 1,652115 | 1,619334 | 1,855273 | 1,654137 | 1,994628 |
| 158 | -1,1631 | -0,67997 | -0,84938 | -0,02013 | -0,19608 | -0,10056 | -0,19093 | -0,65709 |
| 159 | -0,04405 | -0,41531 | -0,61809 | -1,44235 | -1,46646 | -0,88825 | -0,43094 | -0,87935 |
| 160 | 0,513357 | 0,471115 | 0,876652 | 0,636771 | 1,171917 | 0,863735 | 0,750662 | 0,626042 |
| 161 | -0,46931 | -0,0558 | -0,25857 | 0,80558 | 0,294542 | 0,024518 | -0,31972 | 0,253309 |
| 162 | -0,79827 | -0,51336 | 0,07206 | 0,298677 | 0,590558 | 0,417085 | -0,32547 | -0,11389 |
| 163 | 0,798268 | 0,51336 | -0,07206 | -0,29868 | -0,59056 | -0,41708 | 0,32547 | 0,113889 |
| 164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | 0,151438 | 0,310401 | 0,207234 | 0,171425 | -0,04037 | -0,59425 | -0,07577 | -0,34528 |
| 166 | -0,15144 | -0,3104 | -0,20723 | -0,17142 | 0,040373 | 0,594251 | 0,075772 | 0,345283 |
| 167 | 0,192707 | 0,531652 | 1,091977 | 0,427024 | 0,855224 | 0,604618 | -0,31727 | 0,727464 |
| 168 | 0,356616 | 0,437049 | 0,189134 | 0,239688 | 0,241205 | 0,055535 | 0,995341 | 0,017743 |
| 169 | -0,22997 | -0,07162 | 0,122181 | -0,00796 | -0,03366 | -0,63124 | 0,050435 | -0,03918 |
| 170 | 0,185904 | 0,760146 | 0,436444 | 0,613762 | 0,24761 | 0,711072 | 0,683302 | 0,192715 |
| 171 | 0,044064 | -0,68852 | -0,55863 | -0,6058 | -0,21395 | -0,07983 | -0,73374 | -0,15354 |
| 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 0,309219 | 0,502348 | 0,171843 | 0,726416 | -0,48412 | -0,01478 | -0,06975 | 0,251506 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0,202432 | -0,38568 | -0,08995 | -0,61477 | -0,68882 | -0,22105 | -0,38483 | -0,46277 |
| 181 | -0,20243 | 0,385682 | 0,089952 | 0,614772 | 0,68882 | 0,221048 | 0,384832 | 0,462773 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 185 | 0,949737 | 1,234325 | 0,789117 | 0,522896 | 0,622707 | 0,960394 | 0,110202 | 0,51109 |
| 186 | -0,94974 | -1,23433 | -0,78912 | -0,5229 | -0,62271 | -0,96039 | -0,1102 | -0,51109 |
| 187 | 1,044776 | 1,224976 | 0,560595 | 0,220647 | 0,071569 | 0,31189 | 1,246249 | 0,602709 |
| 188 | 0,119841 | -0,4231 | 0,119624 | 0,362034 | 0,346196 | -0,03485 | -0,21377 | -0,05295 |
| 189 | 0,585342 | 1,033053 | 0,418524 | 1,058136 | 1,132347 | 0,328026 | 0,318636 | 0,817332 |
| 190 | 0,330609 | 0,239308 | 0,168881 | 0,235759 | 0,20122 | 0,016465 | 0,784905 | 0,748863 |
| 191 | 0,577225 | 0,303788 | 0,686184 | 0,955994 | 0,873802 | 0,560759 | 0,288343 | 0,547864 |
| 192 | -0,90783 | -0,5431 | -0,85507 | -1,19175 | -1,07502 | -0,57722 | -1,07325 | -1,29673 |
| 193 | 0,654077 | 0,466994 | 0,705692 | 0,183341 | 0,174768 | 0,445892 | 0,562213 | 0,272989 |
| 194 | 0,511998 | 0,550275 | 0,311564 | -0,0758 | -0,08331 | -0,02873 | -0,20829 | 0,523263 |
| 195 | -1,16607 | -1,01727 | -1,01726 | -0,10754 | -0,09146 | -0,41717 | -0,35392 | -0,79625 |
| 196 | 0,220798 | 0,145916 | -0,35263 | 0,166948 | 0,421374 | 0,012046 | -0,38835 | -0,5216 |
| 197 | 1,101405 | 0,70455 | 1,156654 | 0,715168 | 0,500812 | 0,031903 | 0,164288 | 0,92951 |
| 198 | -0,36317 | 0,435048 | 0,517229 | 0,678658 | 0,208385 | 0,616721 | 0,595758 | 0,105353 |
| 199 | 0,388512 | -0,28465 | -0,45315 | 0,054852 | 0,018702 | -0,43236 | 0,280239 | 0,835509 |
| 200 | -0,02534 | -0,1504 | -0,06408 | -0,73351 | -0,22709 | -0,18436 | -0,876 | -0,94086 |
| 201 | -1,39527 | -1,19168 | -1,54247 | -1,17962 | -0,65365 | -0,72944 | -0,27095 | -0,56094 |
| 202 | 0,367211 | 0,027966 | 0,331937 | 0,064628 | 0,010845 | 0,410359 | 0,002325 | 0,053707 |
| 203 | 0,514954 | 0,503507 | 0,687394 | 0,619002 | 0,151946 | 0,750302 | -0,03765 | 0,657684 |
| 204 | -0,57462 | 0,067226 | -0,22776 | 0,30762 | 0,229773 | -0,04508 | 0,005648 | -0,71153 |
| 205 | 0,054877 | 0,072241 | -0,22358 | -0,37629 | -0,41081 | -1,15413 | -0,89429 | -0,3129 |
| 206 | 0,576047 | 0,525321 | -0,35975 | 0,794897 | 0,198231 | 0,67256 | 0,591656 | 0,399201 |
| 207 | 0,620069 | 0,183924 | -0,59378 | -0,14491 | -0,18844 | -0,97858 | -0,25406 | -0,23917 |
| 208 | -0,64856 | -0,75099 | -1,00505 | -0,78343 | -0,28314 | -0,225 | -0,0128 | -0,49877 |
| 209 | 0,280249 | 0,341987 | 0,807921 | 0,917572 | 0,691089 | 0,896092 | 0,468428 | 0,955716 |
| 210 | -0,237 | 0,264183 | 0,527942 | 0,244206 | -0,2501 | 0,138809 | 0,21781 | 0,201197 |
| 211 | 0,723346 | 0,939391 | 0,464227 | 0,26406 | -0,06844 | 0,629529 | -0,32601 | -0,41054 |
| 212 | -0,79313 | -0,39995 | -0,75785 | -0,64792 | -0,44017 | -0,55347 | 0,489071 | 0,434376 |
| 213 | -0,77254 | -0,27885 | -0,72284 | 0,069991 | -0,5278 | 0,186197 | 0,245355 | 0,469676 |
| 214 | 0,689987 | 0,953453 | 0,377102 | 0,465258 | 0,29024 | 0,370203 | -0,62417 | 0,024769 |
| 215 | -1,72871 | -1,00664 | -0,76951 | -2,2784 | -0,99633 | -1,00501 | -0,43156 | -0,48555 |
| 216 | 0,11418 | -0,07133 | 0,155524 | 1,063775 | -0,44108 | -0,37999 | -0,57745 | -0,28439 |

| | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,449104 | -0,86116 | -0,24544 | 0,218219 | 0,473502 | -0,11866 | 0,306726 | 0,143279 |
| 218 | 0,094995 | -0,20943 | -0,4393 | -0,06401 | -0,32612 | -0,62337 | -0,48262 | -0,51179 |
| 219 | 0,893847 | 0,69758 | 1,013754 | 0,797677 | 0,599803 | 0,726866 | 0,185571 | 0,342681 |
| 220 | 0,295233 | 1,061259 | 1,024665 | -0,14598 | 0,502328 | 0,450085 | 0,791573 | -0,20325 |
| 221 | 1,351226 | 1,51465 | 2,576977 | 3,101417 | 2,654879 | 1,527786 | 1,682997 | 0,82504 |
| 222 | 0,562717 | 0,647651 | 0,299842 | 0,251546 | -0,25 | -0,2505 | -0,55769 | -0,29495 |
| 223 | -0,56272 | -0,64765 | -0,29984 | -0,25155 | 0,250004 | 0,250499 | 0,557692 | 0,294952 |
| 224 | -0,55781 | -0,01753 | -0,71455 | -0,37261 | -0,22962 | -0,23519 | -0,11971 | -0,08518 |
| 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226 | 0,588761 | -0,07233 | -0,1015 | 0,172054 | -0,19315 | 0,189667 | 0,194487 | 0,010909 |
| 227 | -0,58876 | 0,072332 | 0,101504 | -0,17205 | 0,193147 | -0,18967 | -0,19449 | -0,01091 |
| 228 | -1,16462 | -0,80187 | -0,68022 | -0,58268 | -0,41776 | -0,27704 | -1,03248 | -0,54976 |
| 229 | -0,58534 | -1,03305 | -0,41852 | -1,05814 | -1,13235 | -0,32803 | -0,31864 | -0,81733 |
| 230 | -1,04169 | -1,25069 | -1,18906 | -1,54539 | -1,02511 | -1,10828 | -0,48806 | -0,36124 |
| 231 | -0,26253 | -0,21226 | -0,16376 | -0,12176 | -0,18048 | 0,751392 | 0,443672 | -0,03772 |
| 232 | 0,551925 | 0,134488 | 0,011931 | 0,572061 | 0,815137 | 0,338813 | 0,355829 | 0,167922 |
| 233 | -0,09733 | 0,424468 | 0,138901 | -0,10198 | 0,125417 | -0,3374 | -0,18846 | 0,187219 |
| 234 | -0,19206 | -0,3467 | 0,012931 | -0,34832 | -0,76007 | -0,75281 | -0,61104 | -0,31742 |
| 235 | 0,919475 | 0,791468 | 0,874201 | 0,581113 | 0,743116 | 0,96748 | 0,725628 | 1,083418 |
| 236 | -0,91948 | -0,79147 | -0,8742 | -0,58111 | -0,74312 | -0,96748 | -0,72563 | -1,08342 |
| 237 | -0,63384 | 0,201148 | -0,23334 | 0,818689 | 0,388968 | -0,13706 | 0,717312 | -0,16402 |
| 238 | 1,181904 | 0,505945 | 0,288048 | 0,922553 | 0,793143 | 0,571335 | 0,361151 | 0,450336 |
| 239 | -0,58543 | -0,49766 | 0,053225 | -1,11416 | 0,033092 | 0,055906 | 0,382871 | 0,517297 |
| 240 | 0,424402 | -0,59861 | -0,34588 | -0,10363 | 0,370102 | -0,23749 | -0,17756 | -0,24688 |
| 241 | -0,11762 | -0,20501 | 0,111558 | 0,243279 | 0,388602 | 0,022625 | -0,20331 | 0,021842 |
| 242 | -0,27973 | -0,1033 | 0,14854 | -0,62277 | -1,18816 | -0,1014 | -0,41086 | 1,206375 |
| 243 | -1,61042 | -1,78431 | -1,54298 | -2,24786 | -1,91516 | -1,72354 | -1,67837 | -0,56326 |
| 244 | -0,03609 | -0,28488 | -0,39396 | -0,12653 | 0,425445 | 0,393678 | 0,586571 | 0,504575 |
| 245 | 0,946304 | 0,499298 | 1,006329 | -0,49591 | 0,236477 | 0,369781 | 0,640923 | -0,18011 |
| 246 | -0,52462 | -0,62078 | -0,50953 | -0,33747 | -0,27379 | -0,45719 | -0,83661 | -0,51981 |
| 247 | -1,18299 | -1,27716 | -1,2331 | -1,4512 | -1,72089 | -1,54269 | -1,17269 | -1,65829 |
| 248 | -0,3935 | 0,084602 | -0,35543 | -0,17956 | -0,10337 | -0,02214 | 0,202843 | -0,37314 |
| 249 | 0,778899 | 0,962872 | 1,294043 | 1,086108 | 1,175864 | 1,978071 | 2,030517 | 2,143328 |
| 250 | 0,529768 | 0,579349 | 0,640932 | 0,524279 | 0,442558 | 0,981918 | 0,51635 | 1,05632 |
| 251 | -1,1319 | -1,41695 | -1,51928 | -0,93966 | -0,91411 | -0,78338 | -0,75481 | -1,11169 |
| 252 | 0,602133 | 0,837605 | 0,878347 | 0,415381 | 0,471553 | -0,19854 | 0,238463 | 0,055366 |
| 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 254 | -0,80236 | -0,08503 | -0,04509 | 0,398351 | 0,515434 | 0,320818 | 0,235983 | -0,274 |
| 255 | 1,10896 | 0,620003 | 1,42727 | 1,424662 | 0,112763 | 0,639503 | 1,027609 | 0,827747 |
| 256 | 1,292893 | 0,733248 | 0,52143 | 0,094987 | 0,626531 | 0,383145 | -0,65582 | -0,10732 |
| 257 | -0,16496 | -0,11528 | -0,17166 | -0,58142 | -0,74907 | -0,1599 | -1,29433 | -1,83467 |

Tablica D2 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 3.981 | 4.365 | 4.786 | 5.248 | 5.754 | 6.310 | 6.918 | 7.586 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | -0,44335 | -0,17401 | -0,03802 | -0,18722 | -0,12113 | 0,161526 | -0,20477 | -0,14108 |
| 14 | 0,443349 | 0,174005 | 0,038025 | 0,187217 | 0,121132 | -0,16153 | 0,204768 | 0,141083 |
| 15 | -0,01414 | 0,171798 | -0,35835 | -0,5946 | -0,39943 | 0,044974 | -0,44762 | -0,34108 |
| 16 | 0,014139 | -0,1718 | 0,358354 | 0,594598 | 0,399434 | -0,04497 | 0,447618 | 0,341084 |
| 17 | -1,06395 | -0,56784 | -0,91469 | -0,25918 | -1,35396 | -0,40715 | -0,48546 | -0,70103 |
| 18 | -0,60611 | -0,55155 | 0,060751 | -0,88253 | -0,30089 | -0,20967 | -0,06671 | -0,77438 |
| 19 | 0,115243 | 0,083426 | 0,028701 | -0,12047 | 0,128747 | -1,14329 | -0,56914 | -0,31142 |
| 20 | 1,55482 | 1,035964 | 0,825241 | 1,262187 | 1,526102 | 1,760113 | 1,121315 | 1,786827 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | -0,66296 | -0,55798 | -1,45676 | -1,23647 | -0,81083 | -0,70974 | -0,8516 | -1,29876 |
| 23 | 0,96292 | 1,014443 | 0,696483 | 1,140947 | 0,904857 | 0,485083 | -0,01608 | 0,10701 |
| 24 | -0,71732 | -1,25914 | -0,44257 | -1,02686 | -1,0362 | -0,94911 | -0,55862 | -0,383 |
| 25 | 0,417362 | 0,802677 | 1,202846 | 1,122388 | 0,942174 | 1,173768 | 1,426307 | 1,574749 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | -0,57777 | -0,73241 | 0,308305 | -0,81931 | -0,48598 | -0,49929 | -0,55181 | -0,69089 |
| 30 | -0,52381 | -0,46087 | -0,82847 | -0,05804 | -0,39317 | -0,04663 | -0,21216 | -0,31197 |
| 31 | 1,101571 | 1,193286 | 0,520161 | 0,877349 | 0,879152 | 0,545916 | 0,76397 | 1,002862 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0,179441 | -0,36115 | 0,03312 | -0,85342 | -0,94295 | -0,22427 | -0,82425 | -0,77332 |
| 36 | -0,17944 | 0,361146 | -0,03312 | 0,853422 | 0,942949 | 0,224273 | 0,824251 | 0,773323 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 0,537249 | -0,10361 | -0,00509 | 0,208709 | 0,160157 | 0,445194 | 0,057301 | 0,492145 |
| 39 | -0,53725 | 0,103609 | 0,005089 | -0,20871 | -0,16016 | -0,44519 | -0,0573 | -0,49215 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | -0,61065 | -0,43978 | 0,063936 | 0,642628 | 0,084622 | 0,456661 | 0,029758 | -0,23957 |
| 42 | 0,579562 | 0,484976 | 0,200584 | 0,332576 | 0,318691 | 0,673249 | 0,317562 | 0,926716 |
| 43 | 0,031088 | -0,0452 | -0,26452 | -0,9752 | -0,40331 | -1,12991 | -0,34732 | -0,68715 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | -0,04691 | 0,463303 | 0,119739 | 0,491089 | 0,093392 | 0,183926 | -0,07337 | 0,159498 |
| 50 | 0,046912 | -0,4633 | -0,11974 | -0,49109 | -0,09339 | -0,18393 | 0,073375 | -0,1595 |
| 51 | -0,40208 | -0,05398 | 0,591845 | 0,216683 | 0,247701 | 0,206549 | 0,5066 | 0,903291 |
| 52 | 0,402076 | 0,05398 | -0,59185 | -0,21668 | -0,2477 | -0,20655 | -0,5066 | -0,90329 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | -0,07168 | 0,137709 | 0,867839 | 0,035107 | 0,398476 | 0,315704 | 0,203236 | 0,910604 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0,303095 | 0,644545 | 0,242963 | 0,488632 | 0,913054 | 0,687925 | 1,075852 | 0,622292 |
| 64 | -0,3031 | -0,64454 | -0,24296 | -0,48863 | -0,91305 | -0,68792 | -1,07585 | -0,62229 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0,041161 | -0,69923 | -0,31625 | -0,55554 | -0,03319 | -0,27917 | -0,52785 | -0,3738 |
| 67 | 1,324236 | -0,05977 | 0,123049 | 1,112803 | 1,70531 | 0,872371 | 0,985383 | 0,959207 |
| 68 | -0,39841 | -0,97899 | -0,36366 | -0,72838 | -0,74841 | -0,87701 | -0,6709 | -0,72396 |
| 69 | -1,23599 | 0,157923 | -0,67141 | -1,75729 | -0,89766 | -1,04414 | -0,80022 | -0,85971 |
| 70 | -0,89651 | -1,67011 | -1,60478 | -1,24202 | -2,11861 | -1,52334 | -1,58584 | -0,27046 |
| 71 | 0,523248 | 1,984608 | 0,918216 | 1,141516 | 0,876968 | 1,056951 | 0,348128 | 0,318797 |
| 72 | 0,369177 | 0,158074 | 1,249707 | 1,093754 | 0,326486 | 0,637911 | 0,832542 | 0,35661 |
| 73 | -1,09202 | -1,88802 | -0,81082 | -0,72609 | -0,82656 | -1,09059 | -1,08297 | -0,77468 |
| 74 | -1,52364 | -1,52149 | -1,35671 | -1,56229 | -1,58288 | -1,12145 | -1,32555 | -1,06281 |
| 75 | -0,12353 | 1,047139 | -0,06539 | 0,18303 | 0,342346 | -5,9E-05 | 0,23455 | 0,282691 |
| 76 | 2,739194 | 2,362376 | 2,232917 | 2,105351 | 2,067093 | 2,212095 | 2,173969 | 1,554799 |
| 77 | -1,03138 | -1,50185 | -1,1538 | -0,80746 | -0,82891 | -0,71573 | -0,08308 | 0,248676 |
| 78 | -1,56878 | -1,08854 | -0,24673 | -0,97756 | -1,39902 | -0,87778 | -1,77626 | -0,82133 |
| 79 | 0,973561 | 0,944536 | 0,417646 | 0,723724 | 0,925699 | -0,10357 | 0,927789 | -0,25068 |
| 80 | 1,626606 | 1,645847 | 0,98288 | 1,061293 | 1,302226 | 1,697077 | 0,931551 | 0,823327 |
| 81 | -0,98776 | -0,5795 | -1,589 | -1,43836 | -0,84125 | -0,79819 | -0,95532 | -0,8533 |
| 82 | -0,30963 | -0,80089 | -0,11835 | 0,102506 | -0,52986 | 0,293496 | 0,666498 | 0,27206 |
| 83 | 1,297391 | 1,380387 | 1,70734 | 1,335858 | 1,371104 | 0,504692 | 0,288818 | 0,581244 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0,826747 | 0,758093 | 0,628501 | 0,913831 | 1,046299 | 1,425698 | 1,628423 | 2,156262 | |
| 87 | -0,96986 | -1,05341 | -0,79146 | -1,53358 | -1,25582 | -1,32922 | -0,4263 | -1,30568 | |
| 88 | 0,143117 | 0,295319 | 0,162957 | 0,619749 | 0,20952 | -0,09647 | -1,20212 | -0,85058 | |
| 89 | 0,478279 | 0,033069 | -0,15837 | 0,690055 | -0,38161 | 0,188089 | 0,208386 | -0,09479 | |
| 90 | 0,712642 | 1,30819 | 1,246434 | 0,731873 | 1,197259 | 0,074918 | 0,543452 | 0,308632 | |
| 91 | -0,69219 | -0,57153 | -1,16513 | -0,52362 | 0,532912 | 0,041219 | 0,473718 | 0,029029 | |
| 92 | -0,49874 | -0,76973 | 0,077064 | -0,8983 | -1,34856 | -0,30423 | -1,22556 | -0,24287 | |
| 93 | 0,831265 | 1,004827 | 0,938247 | 0,879602 | 0,908587 | 1,137817 | 0,915637 | 1,106016 | |
| 94 | -1,4036 | -0,94411 | -0,74273 | -1,21908 | -0,73747 | -0,97176 | -0,36927 | -0,36209 | |
| 95 | 0,572337 | -0,06072 | -0,19551 | 0,33948 | -0,17112 | -0,16605 | -0,54637 | -0,74393 | |
| 96 | 0,338176 | -0,28961 | 0,296487 | 0,040236 | 0,168388 | 0,367224 | 0,421191 | 0,335734 | |
| 97 | -0,33818 | 0,289614 | -0,29649 | -0,04024 | -0,16839 | -0,36722 | -0,42119 | -0,33573 | |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0,101132 | -0,13919 | 0,431514 | 0,454298 | 0,164006 | 0,678438 | 0,641455 | -0,02843 | |
| 100 | 0,731177 | 0,727647 | -0,22999 | 0,729756 | 0,5927 | -0,302 | -0,04832 | -0,39029 | |
| 101 | -1,36735 | -1,25424 | -1,54869 | -1,6931 | -1,34832 | -1,57482 | -1,54909 | -1,56506 | |
| 102 | 0,217841 | 0,693695 | -0,0596 | 0,284889 | 0,697514 | 0,937808 | 0,974644 | 1,160968 | |
| 103 | 0,388871 | -0,16562 | 0,538921 | 0,189048 | -0,50437 | -0,05513 | -0,22192 | -0,0878 | |
| 104 | -0,42716 | 0,322476 | -1,27999 | 0,261646 | 0,51688 | 0,416766 | -0,1577 | 0,221395 | |
| 105 | 0,084951 | -0,05452 | 0,674056 | 0,070013 | 0,252118 | 0,052597 | 0,282877 | 0,218688 | |
| 106 | 0,342211 | -0,26795 | 0,60593 | -0,33166 | -0,769 | -0,46936 | -0,12517 | -0,44008 | |
| 107 | 0,373201 | 0,865378 | -0,01618 | -0,03103 | 0,689079 | 0,360778 | 1,059686 | 0,38605 | |
| 108 | 0,70045 | 1,033164 | 0,941988 | 0,832607 | 1,206766 | 0,222916 | 0,333523 | -0,36375 | |
| 109 | -1,07541 | -0,73982 | -0,18503 | -0,57522 | -0,85832 | -0,59696 | -1,05138 | -0,46942 | |
| 110 | -2,20178 | -2,23529 | -2,04409 | -2,27565 | -2,41325 | -1,50009 | -1,53595 | -1,032 | |
| 111 | 2,203534 | 1,076559 | 1,303315 | 2,04929 | 1,375729 | 1,513361 | 1,194123 | 1,479122 | |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0,337287 | 0,146647 | 0,108621 | 0,459065 | 0,345699 | 0,324407 | 0,374555 | -0,42144 | |
| 127 | -0,33729 | -0,14665 | -0,10862 | -0,45907 | -0,3457 | -0,32441 | -0,37456 | 0,42144 | |
| 128 | -0,11629 | -0,01156 | 0,020524 | 0,261813 | 0,459856 | 0,69004 | 0,238829 | 0,16995 | |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | 0,116285 | 0,01156 | -0,02052 | -0,26181 | -0,45986 | -0,69004 | -0,23883 | -0,16995 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | -0,52006 | 0,044384 | -0,3451 | -0,05036 | -0,41142 | -0,53005 | -0,56376 | -1,01045 |
| 149 | 0,37116 | 0,53498 | 0,225444 | 0,497459 | 0,543234 | 0,718675 | 0,287199 | 0,605021 |
| 150 | 0,148904 | -0,57936 | 0,119653 | -0,4471 | -0,13181 | -0,18862 | 0,276565 | 0,405431 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | -1,61399 | -1,40235 | -1,85001 | -1,34773 | -1,78385 | -0,99036 | -1,11943 | -1,81233 |
| 155 | 2,933963 | 2,655886 | 2,124589 | 2,573705 | 2,48166 | 2,257885 | 2,340466 | 2,017615 |
| 156 | -1,18879 | -2,31063 | -1,50211 | -2,15267 | -2,18217 | -1,9589 | -2,03603 | -2,24029 |
| 157 | 1,750417 | 2,566537 | 2,075184 | 1,498267 | 2,265337 | 2,152023 | 2,716741 | 3,157875 |
| 158 | -1,8816 | -1,50944 | -0,84765 | -0,57157 | -0,78098 | -1,46065 | -1,90175 | -1,12287 |
| 159 | -0,37304 | -1,0504 | -0,92699 | -0,84954 | -0,87093 | -0,92665 | -0,41659 | -1,16778 |
| 160 | 0,214045 | 0,858152 | 0,736501 | 0,923682 | 0,891209 | 0,333534 | 0,27287 | 0,679954 |
| 161 | 0,158998 | 0,192251 | 0,190487 | -0,07414 | -0,02028 | 0,593117 | 0,143722 | 0,487824 |
| 162 | 0,034597 | 0,304437 | -0,20026 | 0,220062 | 0,037034 | -0,37611 | -0,15865 | -0,20562 |
| 163 | -0,0346 | -0,30444 | 0,200257 | -0,22006 | -0,03703 | 0,376111 | 0,158651 | 0,205618 |
| 164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | -0,59668 | -0,5375 | -0,43116 | -0,72498 | -0,89033 | -0,95196 | -0,58482 | -1,22534 |
| 166 | 0,596681 | 0,537505 | 0,431161 | 0,724982 | 0,890328 | 0,951956 | 0,584822 | 1,225337 |
| 167 | 0,010752 | 0,503313 | 0,203732 | 0,24845 | -0,25811 | 0,115962 | 0,512824 | 0,109929 |
| 168 | -0,05191 | 0,195922 | 0,112518 | 0,307085 | 0,291301 | 0,163207 | 0,01503 | 0,263866 |
| 169 | -0,41281 | 0,216855 | -0,35469 | 0,340121 | 0,119518 | -0,34242 | -0,23676 | -0,69527 |
| 170 | 0,522072 | -0,34093 | 0,662812 | 0,489325 | 0,317327 | 0,585473 | 0,283965 | 0,752982 |
| 171 | -0,10926 | 0,124078 | -0,30813 | -0,82945 | -0,43684 | -0,24306 | -0,0472 | -0,05772 |
| 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 0,314248 | 0,408268 | 0,348884 | 0,379615 | 0,85592 | 0,877264 | 0,890902 | 0,219516 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0,534586 | -0,21145 | 0,088515 | -0,28581 | -0,84823 | 0,160346 | -0,55357 | -0,06418 |
| 181 | -0,53459 | 0,211451 | -0,08852 | 0,285812 | 0,848234 | -0,16035 | 0,553568 | 0,064179 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 185 | 0,794579 | 0,047397 | 1,351203 | 0,43026 | 0,414919 | 0,641323 | 0,440846 | 0,712642 |
| 186 | -0,79458 | -0,0474 | -1,3512 | -0,43026 | -0,41492 | -0,64132 | -0,44085 | -0,71264 |
| 187 | 0,924978 | 1,036598 | 0,844471 | 0,573602 | -0,60447 | 0,841955 | 0,106787 | -0,50154 |
| 188 | -0,1767 | -0,60904 | -0,51694 | 0,404404 | 0,723601 | -0,3047 | 0,150324 | 0,693944 |
| 189 | 0,353989 | 0,521035 | 0,977947 | 0,748575 | 0,976477 | 1,019504 | 0,98005 | 0,895266 |
| 190 | 0,688431 | 0,172485 | 0,078523 | -0,39817 | -0,01663 | -0,15667 | 0,184552 | -0,00089 |
| 191 | -0,03116 | 0,198372 | 0,269289 | 0,767214 | 0,427537 | 1,017032 | 0,870843 | 0,680321 |
| 192 | -0,65727 | -0,37086 | -0,34781 | -0,36905 | -0,41091 | -0,86036 | -1,0554 | -0,67943 |
| 193 | 0,542114 | 0,517032 | 0,794162 | -0,50039 | 0,481386 | 0,412964 | 0,282449 | -0,08465 |
| 194 | -0,18999 | 0,273642 | -0,26006 | 0,370885 | 0,262124 | 0,753947 | 0,453997 | 1,090276 |
| 195 | -0,35212 | -0,79067 | -0,5341 | 0,12951 | -0,74351 | -1,16691 | -0,73645 | -1,00563 |
| 196 | 0,085269 | -0,49303 | -1,08279 | -0,44508 | -0,47613 | -0,40368 | 0,011975 | 0,14362 |
| 197 | 0,360356 | 0,512841 | 0,316825 | 0,251254 | 0,286762 | 0,288213 | -0,19798 | -0,57114 |
| 198 | -0,00755 | 0,452289 | 0,972514 | 0,699584 | 0,630579 | 0,797922 | 0,640834 | 0,050465 |
| 199 | 0,49833 | 0,281379 | 0,609805 | -0,14745 | -0,12756 | -0,44478 | 0,496903 | 0,443074 |
| 200 | -0,49078 | -0,73367 | -1,58232 | -0,55214 | -0,50301 | -0,35314 | -1,13774 | -0,49354 |
| 201 | -0,59503 | -1,02375 | -0,77878 | -0,82453 | -0,58085 | -0,91409 | -0,79854 | -0,46498 |
| 202 | 0,452151 | 0,171131 | 0,443515 | 0,122567 | -0,585 | 0,232228 | -0,61124 | -1,18886 |
| 203 | 0,060203 | 0,543418 | -0,09648 | -0,72212 | 0,50481 | 0,469915 | 0,238224 | 0,247814 |
| 204 | -0,7716 | -0,45103 | -0,12552 | -0,75097 | -0,35344 | -0,45166 | 0,099263 | -0,28046 |
| 205 | -0,48439 | -0,45629 | -0,14483 | 0,044608 | -0,89055 | -0,12182 | -0,10981 | -0,62275 |
| 206 | 0,820357 | 0,479086 | 0,204751 | 0,450227 | 0,486565 | -1,14999 | -0,57853 | -0,44612 |
| 207 | 0,084963 | -0,35123 | 0,037118 | 0,263906 | 0,318388 | 0,349693 | 0,173581 | 0,466898 |
| 208 | -0,18916 | 0,139894 | -0,54868 | -0,21198 | 0,440403 | -0,79649 | 0,07594 | 0,015977 |
| 209 | 0,685057 | 0,326805 | -0,05053 | 0,729678 | 0,336303 | 0,416334 | 0,569661 | 1,03662 |
| 210 | -1,18733 | 0,797256 | 0,163636 | -0,41334 | 0,377848 | -0,30349 | -0,18857 | -0,84616 |
| 211 | 0,305647 | -0,08759 | -0,15295 | -0,35155 | -0,42126 | 0,266157 | -0,0313 | 0,700981 |
| 212 | 0,610399 | -0,23474 | -0,79481 | -0,38418 | -0,14658 | -0,21624 | -0,56022 | -0,38536 |
| 213 | 0,4475 | -0,09862 | -0,22521 | -1,45097 | -1,10126 | -0,43469 | -0,52231 | -0,63296 |
| 214 | 0,261279 | -0,10568 | 0,178816 | 0,002071 | -0,38012 | 0,375461 | 0,061075 | -0,057 |
| 215 | -1,24916 | -0,89902 | -0,85884 | 0,397134 | -0,11079 | -0,47742 | 0,351923 | 0,788996 |
| 216 | -0,3146 | -1,14364 | -0,77602 | -1,55881 | -0,6575 | -0,90071 | -0,52588 | -1,01836 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,336571 | 0,32627 | 0,438568 | 1,045825 | 0,684142 | 0,510692 | 0,556596 | 1,470062 |
| 218 | -0,39637 | -0,1898 | -1,07458 | -0,19347 | -0,42443 | -0,20015 | -0,68308 | -0,96618 |
| 219 | 0,00797 | 0,133997 | 0,715244 | 0,664786 | 0,262298 | -0,14384 | 0,030278 | 0,363989 |
| 220 | 1,087653 | 0,665259 | 0,618397 | 0,381617 | 1,083434 | 0,617346 | -0,26906 | -0,4834 |
| 221 | 1,667658 | 1,024651 | 0,876517 | 1,864685 | 1,70372 | 1,423102 | 1,12893 | 2,014134 |
| 222 | -0,11614 | -0,28995 | -0,34228 | -0,55012 | -0,53542 | -0,69411 | -0,4045 | -0,07283 |
| 223 | 0,116144 | 0,289955 | 0,342281 | 0,550117 | 0,53542 | 0,694107 | 0,404498 | 0,072826 |
| 224 | 0,254327 | 0,139567 | 0,979224 | 1,062898 | 1,545584 | 1,491077 | 2,044571 | 2,026866 |
| 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226 | -0,29738 | 0,227355 | -0,01064 | 0,671551 | 0,365782 | -0,38336 | 0,175189 | 0,069452 |
| 227 | 0,297378 | -0,22736 | 0,010643 | -0,67155 | -0,36578 | 0,383362 | -0,17519 | -0,06945 |
| 228 | -0,74828 | -0,42756 | -0,32753 | -0,97801 | -0,11913 | -0,53725 | -0,25711 | -0,19241 |
| 229 | -0,35399 | -0,52103 | -0,97795 | -0,74858 | -0,97648 | -1,0195 | -0,98005 | -0,89527 |
| 230 | -0,58891 | -0,59595 | -0,64664 | -0,45312 | 0,311126 | 0,509907 | 0,902688 | 1,734101 |
| 231 | 0,022295 | -0,03018 | -0,0944 | -0,43628 | -0,03549 | 0,265243 | -0,12245 | 0,23133 |
| 232 | 0,924645 | 0,838594 | 1,107712 | 0,74275 | 0,64487 | -0,17882 | 0,932261 | 0,767786 |
| 233 | 0,529911 | -0,31902 | 0,715014 | 0,678317 | 0,369965 | 0,733087 | 0,075418 | 0,223413 |
| 234 | -1,47685 | -0,4894 | -1,72832 | -0,98478 | -0,97934 | -0,81951 | -0,88523 | -1,22253 |
| 235 | 0,700345 | -0,21113 | 0,357717 | -0,00594 | 0,04923 | 0,101968 | -0,19069 | -0,09917 |
| 236 | -0,70034 | 0,211135 | -0,35772 | 0,005938 | -0,04923 | -0,10197 | 0,190688 | 0,099169 |
| 237 | 0,750042 | 0,568589 | 1,230347 | 0,229878 | 0,355618 | -0,3797 | -0,121 | 0,0943 |
| 238 | -0,80158 | -0,59525 | -0,4185 | -0,76909 | -0,35923 | -0,58722 | -0,45919 | -0,59476 |
| 239 | 0,724793 | -0,02408 | -0,1532 | 0,388126 | 0,061485 | 0,915751 | 0,864893 | 0,258054 |
| 240 | -0,15855 | -0,14023 | 0,347984 | 0,512065 | -0,28816 | 0,279466 | 0,558177 | 0,679106 |
| 241 | 0,429833 | -0,3347 | 0,43614 | 0,637016 | 0,478155 | -0,02589 | 0,221923 | -0,14857 |
| 242 | -0,15741 | 0,267114 | 0,976311 | -0,31063 | 1,091028 | 1,340624 | 1,186349 | 1,357073 |
| 243 | -0,67681 | 0,065389 | -0,46006 | 0,153457 | 0,151591 | 0,586445 | 0,334626 | 1,254051 |
| 244 | -0,18084 | 1,31123 | 0,983624 | 0,711813 | 0,644221 | 0,653315 | 1,000458 | 0,534856 |
| 245 | 0,082304 | 0,037185 | 0,534728 | 0,350287 | -0,69086 | 0,983553 | 0,493158 | 0,287754 |
| 246 | -0,41078 | -0,27363 | 0,321894 | -0,18431 | -1,01721 | -0,64222 | -0,58413 | -0,94771 |
| 247 | -1,90078 | -1,59737 | -1,76224 | -1,64161 | -1,31453 | -1,48828 | -1,22175 | -0,88082 |
| 248 | -0,25811 | -0,23736 | -0,80299 | -0,0481 | -0,08414 | -0,28466 | -0,3136 | -0,35589 |
| 249 | 2,124046 | 2,088545 | 3,009305 | 2,067842 | 2,605245 | 2,530625 | 2,305487 | 2,611949 |
| 250 | 0,528476 | 0,483106 | 1,532149 | 0,945463 | 0,567241 | 0,790327 | 0,560157 | 0,589141 |
| 251 | -0,63226 | -1,14155 | -1,27558 | -1,10431 | -1,18854 | -1,43803 | -0,99414 | -1,44735 |
| 252 | 0,103781 | 0,658447 | -0,25657 | 0,158843 | 0,621301 | 0,647704 | 0,433983 | 0,858208 |
| 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 254 | 0,011562 | -0,02374 | -0,28776 | -1,01151 | -0,83101 | -1,38932 | -1,08153 | -1,37607 |
| 255 | -0,08203 | -0,1018 | -0,10042 | -0,12064 | -1,09659 | -0,81219 | -1,27254 | -2,09001 |
| 256 | 0,405052 | 0,581927 | 0,055595 | 0,522377 | 0,070894 | 0,200523 | -0,59319 | -0,29489 |
| 257 | -1,65155 | -0,72163 | -1,52672 | -1,0081 | -1,98999 | -2,31668 | -2,48631 | -3,43475 |

Tablica D2 (*nastavak*):

| N | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| | 8.318 | 9.120 | 10 | 10.965 | 12.023 | 13.183 | 14.454 | 15.849 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | -0,29637 | 0,187089 | 0,010441 | -0,51253 | -0,00323 | -0,57705 | -0,30123 | -0,87014 |
| 14 | 0,296369 | -0,18709 | -0,01044 | 0,512535 | 0,00323 | 0,577053 | 0,301227 | 0,870143 |
| 15 | -0,19931 | -0,28083 | 0,010512 | 0,294125 | 0 | 0 | 0 | 0 |
| 16 | 0,19931 | 0,280829 | -0,01051 | -0,29413 | -1,2235 | -1,58738 | -1,53126 | -0,83507 |
| 17 | -0,60363 | -1,61599 | -1,49195 | -1,36814 | -0,32213 | 0,043609 | 0,281985 | 0,045191 |
| 18 | -0,37565 | 0,914597 | 0,072327 | -0,29507 | -0,30934 | -0,21436 | -0,40703 | -0,63014 |
| 19 | -0,65352 | 0,100839 | -0,30726 | 0,216785 | 1,854976 | 1,758131 | 1,656298 | 1,420016 |
| 20 | 1,632806 | 0,600555 | 1,72688 | 1,446425 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | -0,85868 | -0,55334 | -1,21975 | -0,5143 |
| 22 | -0,99183 | -0,77235 | -0,53097 | -0,68687 | 0,673813 | -0,28145 | 0,517515 | 0,019232 |
| 23 | -0,15848 | -0,18489 | -0,34613 | 0,07103 | -1,40552 | -0,37771 | -0,52118 | -0,58025 |
| 24 | -0,27397 | -0,75289 | -0,21148 | -0,61699 | 1,590394 | 1,212498 | 1,223421 | 1,075327 |
| 25 | 1,42429 | 1,710137 | 1,088571 | 1,232827 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,62312 |
| 28 | 0 | 0 | 0 | 0 | -0,94222 | 0,345036 | -0,50078 | -0,56239 |
| 29 | -0,72684 | -0,53934 | -0,64608 | -0,49722 | 0,543157 | -0,92047 | -0,62243 | 1,18551 |
| 30 | 0,401748 | -0,2492 | 0,232787 | -0,47293 | 0,399059 | 0,575438 | 1,123212 | 0 |
| 31 | 0,325092 | 0,788544 | 0,413291 | 0,970145 | 0 | 0 | 0 | 0 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,32715 |
| 34 | 0 | 0 | 0 | 0 | -0,07726 | 0,334321 | -0,51255 | 0,327154 |
| 35 | -0,32032 | -0,21254 | -0,84323 | -0,44098 | 0,077259 | -0,33432 | 0,512552 | 0 |
| 36 | 0,320315 | 0,212544 | 0,843235 | 0,440976 | 0 | 0 | 0 | -0,22212 |
| 37 | 0 | 0 | 0 | 0 | 0,402985 | 0,126977 | 0,421874 | 0,222122 |
| 38 | 0,120457 | 0,070395 | 0,339494 | -0,29147 | -0,40299 | -0,12698 | -0,42187 | 0 |
| 39 | -0,12046 | -0,0704 | -0,33949 | 0,291473 | 0 | 0 | 0 | -1,15687 |
| 40 | 0 | 0 | 0 | 0 | -0,65803 | -1,29964 | -0,83196 | 1,305835 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 0,040407 | 0,582075 | -0,15046 | -0,29353 | 1,648837 | 0,610381 | 1,072733 | -0,14897 |
| 42 | 1,064737 | 0,469664 | 1,037498 | 1,102175 | -0,99081 | 0,689259 | -0,24077 | 0 |
| 43 | -1,10514 | -1,05174 | -0,88703 | -0,80864 | 0 | 0 | 0 | 0 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,387458 |
| 48 | 0 | 0 | 0 | 0 | 0,10321 | 0,104731 | 0,641831 | -0,38746 |
| 49 | -0,26349 | 0,51835 | 0,091873 | -0,0788 | -0,10321 | -0,10473 | -0,64183 | 1,118345 |
| 50 | 0,26349 | -0,51835 | -0,09187 | 0,078801 | 1,032104 | 0,618035 | 0,525771 | -1,11834 |
| 51 | 1,315427 | 1,098309 | 0,680904 | 0,639801 | -1,0321 | -0,61803 | -0,52577 | 0 |
| 52 | -1,31543 | -1,09831 | -0,6809 | -0,6398 | 0 | 0 | 0 | 0,185756 |
| 53 | 0 | 0 | 0 | 0 | 0,741619 | 0,550632 | 0,627109 | 0 |
| 54 | 0,946584 | 0,447647 | 0,625999 | 0,542925 | 0 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,339854 |
| 62 | 0 | 0 | 0 | 0 | 1,034635 | 1,525581 | 1,349993 | -1,33985 |
| 63 | 0,786707 | 0,672623 | 0,658997 | 1,390915 | -1,03463 | -1,52558 | -1,34999 | 0 |
| 64 | -0,78671 | -0,67262 | -0,659 | -1,39092 | 0 | 0 | 0 | -0,05857 |
| 65 | 0 | 0 | 0 | 0 | -0,16466 | 0,401454 | -0,1992 | 0,714323 |
| 66 | -0,16678 | -0,10359 | -0,20032 | -0,24015 | 0,61987 | 0,450725 | 0,085761 | -1,48655 |
| 67 | 0,151479 | 0,245357 | 0,648078 | 0,539668 | -0,30557 | 0,230959 | -1,03557 | -1,58383 |
| 68 | -0,08816 | -1,04957 | 0,291629 | -0,25418 | -0,50424 | -1,29427 | -0,00317 | -0,40117 |
| 69 | -0,62474 | -1,23392 | -1,08916 | -0,5907 | 0,468811 | -0,3842 | -0,1542 | 0,560611 |
| 70 | -0,03021 | 0,122923 | -0,43181 | -0,2416 | -2,49894 | -0,08503 | -0,87788 | 1,094053 |
| 71 | 0,022792 | 0,5374 | -0,71818 | -0,23973 | 0,893224 | 0,345721 | 1,265525 | -1,32063 |
| 72 | -0,07571 | 0,77655 | 0,328414 | 0,094013 | -1,41624 | -0,84917 | -1,64101 | 0,065901 |
| 73 | -1,4812 | -0,77979 | -1,32281 | -0,66041 | 0,357636 | -0,18879 | 0,18786 | 1,168341 |
| 74 | -0,73443 | -0,51107 | -0,043 | 0,188515 | 1,487228 | 0,299194 | 1,079186 | 0,086385 |
| 75 | 0,731647 | 0,538397 | 0,941246 | 0,836723 | -0,42863 | 0,738762 | 0,373969 | 0,717757 |
| 76 | 1,483984 | 0,752464 | 0,424556 | -0,36483 | 0,708798 | -0,0646 | 0,248614 | -2,10003 |
| 77 | 1,261532 | 0,927729 | 1,209599 | 1,594404 | -2,38419 | -1,26361 | -1,66229 | 1,729113 |
| 78 | -2,33353 | -2,30091 | -1,81669 | -2,2897 | 0,687396 | 1,26734 | 0,920643 | -0,34684 |
| 79 | 0,755385 | 0,845803 | 0,252175 | 0,916876 | 0,987992 | 0,060867 | 0,493034 | -0,74122 |
| 80 | 0,316613 | 0,527374 | 0,354914 | -0,22158 | -0,78262 | -0,51937 | -0,65009 | 0,670519 |
| 81 | -1,06857 | -1,02585 | -0,83074 | -0,89334 | 0,476621 | 0,301425 | 0,631955 | 0,070703 |
| 82 | 0,621924 | 0,462689 | 0,61974 | 0,783607 | 0,305994 | 0,217942 | 0,018134 | 0 |
| 83 | 0,446651 | 0,563158 | 0,211 | 0,109729 | 0 | 0 | 0 | 0 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,104794 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0 | 0 | 0 | 0 | 1,367972 | 0,077511 | 1,171994 | -0,42362 |
| 86 | 1,458881 | 1,390561 | 0,638631 | 1,362624 | -0,69919 | -0,15816 | -0,72098 | -0,68117 |
| 87 | -1,2052 | -0,16095 | -0,5023 | -1,15722 | -0,66879 | 0,080647 | -0,45102 | 0,09481 |
| 88 | -0,25369 | -1,22962 | -0,13633 | -0,20541 | -0,05575 | -0,54678 | -1,18101 | -0,57038 |
| 89 | 0,010696 | 0,453721 | 0,987358 | 0,229189 | -0,24435 | -0,63827 | -0,69323 | 1,013624 |
| 90 | -0,09957 | 0,503535 | -0,49238 | -0,43252 | 0,503284 | 1,092924 | 1,635724 | -0,53805 |
| 91 | 0,283843 | -0,42916 | 0,300568 | 0,577991 | -0,20318 | 0,092124 | 0,238521 | 0,11076 |
| 92 | -0,19497 | -0,52809 | -0,79554 | -0,37466 | -0,27675 | 0,493982 | -0,25668 | -0,52996 |
| 93 | 0,507797 | -0,11291 | 0,548025 | 0,350509 | -0,00131 | -0,19222 | 0,016772 | 0,419195 |
| 94 | 0,106613 | -0,06884 | -0,31772 | -0,0067 | 0,278053 | -0,30176 | 0,239907 | 0,31482 |
| 95 | -0,61441 | 0,181745 | -0,23031 | -0,34381 | 0,418587 | 0,241244 | 0,331445 | -0,31482 |
| 96 | 0,422977 | 0,113534 | 0,227014 | 0,65715 | -0,41859 | -0,24124 | -0,33145 | 0 |
| 97 | -0,42298 | -0,11353 | -0,22701 | -0,65715 | 0 | 0 | 0 | 1,413004 |
| 98 | 0 | 0 | 0 | 0 | 1,071987 | 1,217882 | 1,275268 | -0,68009 |
| 99 | -0,38178 | 0,936076 | 0,236182 | 0,798582 | -0,83676 | -0,60691 | -0,47308 | -1,87598 |
| 100 | -0,09003 | -0,61836 | -0,89111 | -1,85806 | -1,56118 | -1,94221 | -1,74268 | 0,981704 |
| 101 | -1,49471 | -1,51542 | -2,484 | -1,73271 | 0,90157 | 0,636526 | 0,16578 | -0,02439 |
| 102 | 1,591569 | 0,578852 | 1,383358 | 1,990638 | -0,31724 | 0,144088 | 0,147607 | 1,120297 |
| 103 | -0,57163 | 0,171201 | 1,129572 | 0,258629 | 0,879431 | 1,39142 | 0,951427 | -0,12132 |
| 104 | -0,47225 | -0,39162 | 0,106669 | -0,15843 | -0,05061 | -0,80186 | -0,33736 | -0,99898 |
| 105 | 0,72034 | 0,554493 | 0,126999 | 0,418381 | -0,82882 | -0,58956 | -0,61407 | 1,013938 |
| 106 | -0,24809 | -0,16287 | -0,23367 | -0,25995 | 0,919289 | 1,529937 | 0,710369 | -1,70914 |
| 107 | 0,619369 | 0,189537 | 0,410955 | 1,061815 | -0,98975 | -0,82312 | -0,52106 | -1,06791 |
| 108 | 0,34286 | -0,42752 | -1,28354 | -1,61057 | 0,131251 | -0,62112 | -0,19803 | -0,94445 |
| 109 | 0,077187 | 0,434283 | -0,04992 | 0,177847 | -0,63367 | -0,52762 | -0,8958 | 2,707567 |
| 110 | -1,34174 | -0,55442 | -0,0692 | -0,9278 | 0,572884 | 0,441926 | 0,904525 | 0 |
| 111 | 0,302328 | 0,358118 | 0,991705 | 1,29871 | 0 | 0 | 0 | 0 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,25841 |
| 125 | 0 | 0 | 0 | 0 | -0,01221 | -0,60084 | -0,79677 | 0,258409 |
| 126 | 0,544808 | -0,25685 | -0,23906 | 0,077942 | 0,012213 | 0,600838 | 0,796772 | -0,2391 |
| 127 | -0,54481 | 0,256851 | 0,239058 | -0,07794 | -0,77975 | -0,93357 | -0,65033 | 0,239103 |
| 128 | 0,572626 | 0,183188 | -0,14648 | 0,238708 | 0,779747 | 0,933574 | 0,650332 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | -0,57263 | -0,18319 | 0,14648 | -0,23871 | 0 | 0 | 0 | 0 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,80642 |
| 147 | 0 | 0 | 0 | 0 | -0,71869 | -0,20424 | -0,2193 | 0,569883 |
| 148 | -0,5747 | -0,64784 | -0,05991 | -0,28134 | 0,559528 | 0,810043 | 0,341324 | 0,236539 |
| 149 | 0,487066 | 0,56212 | 0,632639 | 0,38737 | 0,159161 | -0,6058 | -0,12202 | 0 |
| 150 | 0,087634 | 0,085724 | -0,57273 | -0,10603 | 0 | 0 | 0 | 0 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2,99377 |
| 153 | 0 | 0 | 0 | 0 | -2,03428 | -1,77987 | -2,2971 | 2,51368 |
| 154 | -2,0919 | -1,93288 | -1,96738 | -2,37509 | 2,082349 | 1,711263 | 1,745834 | -1,45344 |
| 155 | 2,23981 | 2,263214 | 2,14043 | 2,919245 | -0,94961 | -1,48338 | -1,25615 | 3,106362 |
| 156 | -2,06287 | -2,6951 | -1,708 | -2,15397 | 1,863715 | 2,611963 | 2,843011 | -1,17283 |
| 157 | 2,571936 | 3,195556 | 2,465754 | 2,582927 | -0,96218 | -1,05997 | -1,03559 | -1,17216 |
| 158 | -0,65697 | -0,83079 | -0,9308 | -0,97311 | 0,068682 | -0,66635 | -0,17708 | -0,51506 |
| 159 | -0,51542 | -0,86723 | -0,33606 | -0,57816 | -1,05256 | -0,91689 | 0,130872 | 1,687212 |
| 160 | 0,15998 | 0,619781 | -0,13522 | -0,26415 | 0,98388 | 1,583242 | 0,046205 | -1,2981 |
| 161 | 0,355437 | 0,247453 | 0,471275 | 0,842307 | -0,86366 | -0,80002 | -0,79855 | 1,2981 |
| 162 | 0,232226 | -0,26611 | -0,35797 | -0,68023 | 0,863657 | 0,800015 | 0,798551 | 0 |
| 163 | -0,23223 | 0,266107 | 0,357975 | 0,680233 | 0 | 0 | 0 | -0,90999 |
| 164 | 0 | 0 | 0 | 0 | -0,81021 | -1,35535 | -1,56997 | 0,909994 |
| 165 | -0,68635 | -0,94127 | -0,95072 | -0,78546 | 0,810212 | 1,355348 | 1,569966 | -0,70698 |
| 166 | 0,686346 | 0,94127 | 0,950725 | 0,78546 | -0,31409 | -0,53643 | -0,21233 | 0,765552 |
| 167 | -0,03184 | -0,98268 | -0,13559 | -0,01517 | 0,478754 | 0,134971 | 0,411531 | -0,83169 |
| 168 | 0,19862 | 1,086264 | 0,335919 | 0,255317 | -0,71638 | -0,51372 | -0,56724 | 1,520976 |
| 169 | 0,332434 | -1,46293 | -0,96451 | -1,14441 | 1,118786 | 0,747174 | 0,893712 | -0,68929 |
| 170 | 0,387804 | 0,813912 | 0,66694 | 0,94791 | -0,4024 | -0,23345 | -0,32647 | 0 |
| 171 | -0,72024 | 0,649019 | 0,297573 | 0,196502 | 0 | 0 | 0 | 1,102564 |
| 172 | 0 | 0 | 0 | 0 | 1,326847 | 0,736087 | 0,719534 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 0,644544 | 0,601267 | 0,971029 | 0,692523 | 0 | 0 | 0 | 0 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,17696 |
| 179 | 0 | 0 | 0 | 0 | -0,43572 | -0,68312 | -0,55925 | 0,176955 |
| 180 | -0,08883 | -0,35305 | -0,80686 | -0,83537 | 0,435725 | 0,683119 | 0,559249 | 0 |
| 181 | 0,08883 | 0,353053 | 0,806856 | 0,835371 | 0 | 0 | 0 | 0 |
| 182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,56743 |
| 184 | 0 | 0 | 0 | 0 | 0,034949 | -0,44672 | -0,64821 | 0,567433 |
| 185 | 0,232213 | 0,778932 | 0,000409 | -0,2655 | -0,03495 | 0,446722 | 0,648214 | 0,370853 |
| 186 | -0,23221 | -0,77893 | -0,00041 | 0,265499 | -0,44904 | 0,008459 | 0,134378 | 0,486758 |
| 187 | 0,045938 | 0,79097 | 0,329081 | 0,34379 | 0,392689 | 0,530738 | 0,365356 | 0,398124 |
| 188 | 0,84157 | 0,798589 | 0,876341 | 0,060341 | 0,02414 | 0,491529 | 1,56433 | 0,270251 |
| 189 | 0,350006 | 0,727329 | 0,779894 | 0,045256 | 0,099564 | 0,091051 | 0,006909 | 0,460982 |
| 190 | 0,324796 | 0,338232 | -0,60633 | -0,13679 | 0,743112 | -0,18804 | 0,044657 | -0,73123 |
| 191 | 0,675877 | 0,076352 | 0,712675 | 0,056023 | -0,84268 | 0,096986 | -0,05157 | -0,12265 |
| 192 | -1,00067 | -0,41458 | -0,10635 | 0,080764 | -0,62675 | 0,316887 | 0,389996 | -0,21353 |
| 193 | 0,024615 | 0,1547 | 0,407281 | -0,82435 | 0,45341 | -0,17395 | 0,152236 | 0,336186 |
| 194 | 1,058737 | 0,084371 | 0,701443 | 0,880564 | 0,173335 | -0,14293 | -0,54223 | -2,1872 |
| 195 | -1,08335 | -0,23907 | -1,10872 | -0,05622 | -1,81651 | -1,13453 | -1,83143 | -1,77615 |
| 196 | -1,25325 | -0,72493 | -1,4937 | -1,25755 | -1,50721 | -1,73753 | -1,53798 | 0,737619 |
| 197 | -0,56221 | -1,03861 | -0,90978 | -1,36113 | 0,504218 | -0,1916 | 0,090413 | 0,018532 |
| 198 | 0,417243 | 0,402696 | 0,24187 | -0,36319 | 0,405024 | 1,033368 | 0,311225 | -0,75615 |
| 199 | 0,567437 | 0,405484 | 0,329104 | 0,482111 | -0,90924 | -0,84176 | -0,40164 | -1,30348 |
| 200 | -0,98468 | -0,80818 | -0,57097 | -0,11892 | -0,8274 | -0,32885 | -0,89776 | -0,7182 |
| 201 | -0,672 | -0,48959 | -0,6591 | -0,26705 | -0,61624 | -2,02059 | -0,61565 | 0,552486 |
| 202 | -0,40986 | -1,15942 | -0,81618 | -1,12754 | -0,57945 | 0,029685 | -0,24615 | -0,97264 |
| 203 | 0,563573 | 0,537879 | 0,398431 | 0,118462 | -0,28557 | -0,69844 | -0,56532 | -1,09825 |
| 204 | -0,47176 | -0,36034 | -0,77663 | -0,77606 | -1,3255 | -0,40134 | -2,13887 | -0,40748 |
| 205 | -0,89585 | -0,72211 | -0,79594 | -1,41999 | 0,08749 | -0,18592 | 0,302748 | 1,299105 |
| 206 | -0,24851 | -0,46338 | -0,72601 | -0,18326 | 1,217104 | 0,785234 | 1,687058 | 0,99537 |
| 207 | -0,12242 | 0,40942 | 1,305528 | 0,914843 | 0,028692 | 0,633901 | 1,292452 | 1,625708 |
| 208 | 0,358919 | -0,02657 | -0,51489 | 0,58404 | 1,398343 | 1,321238 | 1,61157 | -0,42817 |
| 209 | -0,28843 | 0,175267 | 0,141545 | 0,262747 | -0,73647 | -0,12283 | -0,51735 | 0,124288 |
| 210 | 0,228357 | -0,24209 | -0,84388 | 0,065048 | 0,152739 | -0,48378 | 0,404252 | -0,14547 |
| 211 | 0,360255 | 0,045511 | 0,30878 | -0,00997 | 0,197559 | -0,16949 | -0,40105 | -0,42046 |
| 212 | -1,22833 | -0,2874 | 0,005947 | -0,13479 | -0,7399 | -0,9246 | -0,77184 | -0,37325 |
| 213 | -0,52121 | -0,99823 | -0,76873 | -0,68375 | -0,99743 | -0,10311 | -0,12232 | 0,07566 |
| 214 | 0,124211 | 0,138882 | -0,42445 | 0,131731 | 0,258918 | -0,21223 | -0,03511 | -1,38724 |
| 215 | -0,20496 | -0,06919 | 0,270912 | 0,172994 | -0,92276 | -1,56844 | -2,2393 | 0,053084 |
| 216 | -1,02799 | -1,56285 | -0,60758 | -1,05186 | -0,15362 | 0,203088 | 0,729369 | -1,18067 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 217 | 0,943534 | 1,324554 | 0,338314 | 0,032952 | -1,30925 | -1,21102 | -1,15019 | -0,26607 |
| 218 | -0,69192 | -1,1321 | -1,02664 | -0,77203 | 0,736384 | 0,369313 | -0,18763 | -0,06416 |
| 219 | 0,33932 | 1,03838 | 0,445441 | 0,451274 | 0,282342 | 0,558849 | 0,664865 | 2,440372 |
| 220 | -0,20158 | 0,45612 | 0,086785 | -0,38518 | 1,720617 | 2,179832 | 1,911155 | -0,24989 |
| 221 | 1,887957 | 2,068998 | 2,254083 | 2,153544 | -0,87954 | -0,42948 | -0,33918 | 0,249888 |
| 222 | -0,75766 | -0,84887 | -0,60471 | -0,66786 | 0,879538 | 0,429483 | 0,339178 | 4,58162 |
| 223 | 0,757658 | 0,848874 | 0,60471 | 0,667855 | 3,626442 | 4,207217 | 3,930963 | 0 |
| 224 | 3,247696 | 2,955186 | 2,890192 | 3,538451 | 0 | 0 | 0 | 0,020995 |
| 225 | 0 | 0 | 0 | 0 | -0,43076 | -0,48104 | -0,37899 | -0,021 |
| 226 | -0,07933 | 0,183465 | -0,68088 | -0,82414 | 0,430757 | 0,48104 | 0,378985 | -0,85761 |
| 227 | 0,07933 | -0,18347 | 0,680875 | 0,824143 | 0,056351 | -0,5392 | -0,49973 | -0,39812 |
| 228 | -0,88751 | -1,58956 | -1,20542 | -0,40413 | -0,02414 | -0,49153 | -1,56433 | 5,169352 |
| 229 | -0,35001 | -0,72733 | -0,77989 | -0,04526 | 4,081457 | 3,87839 | 3,835825 | -0,45968 |
| 230 | 1,427455 | 1,19651 | 2,98796 | 2,703827 | -0,4905 | -0,17594 | -0,87705 | 0,613029 |
| 231 | 0,454131 | -0,13486 | -0,56711 | -1,19976 | 0,885347 | 0,404633 | 0,232898 | 1,629868 |
| 232 | -0,51017 | 0,774794 | 0,659276 | 0,559141 | 1,175231 | 1,586401 | 2,077483 | -1,78321 |
| 233 | 1,64265 | 0,897675 | 1,242882 | 1,698628 | -1,57008 | -1,8151 | -1,43333 | -0,00846 |
| 234 | -1,58661 | -1,53761 | -1,33505 | -1,05801 | 0,033123 | -0,34951 | -0,28285 | 0,008463 |
| 235 | -0,25319 | 0,171191 | 0,073816 | -0,1712 | -0,03312 | 0,349513 | 0,282848 | 0,006052 |
| 236 | 0,253191 | -0,17119 | -0,07382 | 0,171203 | 0,189031 | 0,13866 | -0,38671 | 0,623021 |
| 237 | -0,37611 | 0,841522 | 1,169594 | 0,481931 | 0,802783 | 0,223652 | 0,203352 | 0,408902 |
| 238 | 0,316422 | -0,04019 | 0,279411 | 0,352851 | 0,502048 | -0,32042 | 0,240045 | -0,09299 |
| 239 | 0,566479 | 0,212136 | -0,50862 | 0,329267 | 0,621798 | 0,587187 | 0,556167 | 0,542342 |
| 240 | 0,203956 | 0,110424 | 0,077976 | 0,056338 | -0,23562 | 0,188914 | -0,04202 | 1,517774 |
| 241 | 0,435763 | 0,373557 | 0,451175 | 0,02337 | 1,375478 | 1,607353 | 2,073825 | 1,360175 |
| 242 | 1,370191 | 1,174711 | 1,463666 | 1,668426 | 2,104483 | 2,647078 | 2,226124 | 3,563107 |
| 243 | 1,14169 | 1,436614 | 1,729666 | 1,632328 | 2,845311 | 2,888156 | 3,112151 | 0,779325 |
| 244 | 1,240601 | 0,804432 | 1,685949 | 2,103866 | 0,449062 | 0,833563 | -0,04252 | -0,33523 |
| 245 | 0,706323 | 1,212274 | 0,734535 | -0,03277 | -0,62015 | -0,71016 | -0,68894 | 0,90207 |
| 246 | -0,50781 | -0,74482 | 0,001036 | -1,41152 | 1,406041 | 0,710745 | 0,680493 | 1,199687 |
| 247 | 0,431244 | 0,343465 | 0,728153 | 1,075231 | 0,415072 | 0,907351 | 1,016558 | 2,196827 |
| 248 | -0,14831 | 0,038435 | -0,3356 | 0,889941 | 2,12275 | 1,964128 | 2,361304 | 0,466703 |
| 249 | 2,040335 | 2,126454 | 2,009899 | 2,065029 | 1,422555 | 1,076561 | 0,168705 | -1,15407 |
| 250 | 0,653031 | 1,056386 | 1,04237 | 0,39397 | -1,06733 | -1,08262 | -0,94217 | 0,687362 |
| 251 | -0,94855 | -1,27116 | -1,78111 | -0,73319 | -0,35522 | 0,006057 | 0,773466 | 0 |
| 252 | 0,295516 | 0,215213 | 0,738744 | 0,339215 | 0 | 0 | 0 | -3,39283 |
| 253 | 0 | 0 | 0 | 0 | -2,30238 | -2,53303 | -4,04517 | -3,21902 |
| 254 | -2,68541 | -1,63715 | -2,74555 | -2,38773 | -3,46516 | -3,1454 | -2,48061 | -3,13913 |
| 255 | -1,30108 | -2,27675 | -2,81851 | -2,94821 | -1,94037 | -2,40718 | -1,24101 | -7,10823 |
| 256 | -0,68866 | -0,23779 | -0,31409 | -0,90634 | -6,24097 | -6,44463 | -6,65534 | |
| 257 | -3,42662 | -4,80722 | -4,67909 | -4,69177 | | | | |

Tablica D2 (*nastavak*):

| | frekvencija (Hz) | | | | | | | |
|----|------------------|----------|----------|----------|----------|----------|----------|----------|
| N | 17.378 | 19.055 | 20.893 | 22.90 | 25.119 | 27.542 | 30.2 | 33.113 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0,129514 | 0,507591 | 1,798055 | 3,372094 |
| 3 | 0 | 0 | 0 | 0 | -0,12951 | -0,50759 | -1,79805 | -3,37209 |
| 4 | 0 | 0 | 0 | 0 | -0,61671 | -0,89781 | -1,1941 | -0,87056 |
| 5 | 0 | 0 | 0 | 0 | -0,68564 | -0,39028 | -0,28537 | -0,35019 |
| 6 | 0 | 0 | 0 | 0 | 1,302349 | 1,288087 | 1,479473 | 1,220753 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | -0,45464 | -1,04142 | -0,89305 | -1,42201 |
| 12 | -0,61464 | -0,28525 | 0,092284 | -0,01046 | -0,53361 | 0,038837 | -0,30678 | -0,08736 |
| 13 | 0,614639 | 0,285252 | -0,09228 | 0,01046 | 0,988248 | 1,002581 | 1,199825 | 1,509373 |
| 14 | 0 | 0 | -0,79639 | -1,17389 | 0 | 0 | 0 | 0 |
| 15 | -0,99228 | -1,00809 | -0,16262 | -0,28175 | 0 | 0 | 0 | 0 |
| 16 | -0,74536 | -0,40794 | 0,959009 | 1,455636 | 0 | 0 | 0 | 0 |
| 17 | -0,07388 | -0,17024 | 0 | 0 | -0,25818 | -0,29466 | -0,36435 | -0,09848 |
| 18 | 1,811519 | 1,586265 | -1,18624 | -1,57053 | 0,258177 | 0,294662 | 0,364348 | 0,098484 |
| 19 | 0 | 0 | 0,373098 | 1,004557 | 0 | 0 | 0 | 0 |
| 20 | -0,51755 | 0,097381 | 0,813139 | 0,565976 | -0,15827 | 0,325073 | -0,016 | 0,240108 |
| 21 | 0,26666 | 0,525836 | 0 | 0 | 0,158269 | -0,32507 | 0,016 | -0,24011 |
| 22 | -0,70064 | -0,63517 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0,95153 | 0,011956 | -1,08927 | -0,79003 | -3,32263 | -3,74311 | -4,12212 | -3,6559 |
| 24 | 0 | 0 | -0,25356 | -0,14855 | 1,003133 | 0,90032 | 0,814018 | 0,686715 |
| 25 | 0 | 0 | 1,342835 | 0,938582 | 2,319499 | 2,842792 | 3,308105 | 2,969185 |
| 26 | -0,19772 | -0,97861 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | -0,86287 | 0,081999 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 1,060591 | 0,896608 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | -0,08674 | 0,605931 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0,086745 | -0,60593 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0,049331 | -0,13615 | 0,506585 | 0,477131 |
| 32 | -0,11828 | -0,12606 | -0,15949 | 0,467653 | -0,04933 | 0,13615 | -0,50658 | -0,47713 |
| 33 | 0,118279 | 0,126065 | 0,159495 | -0,46765 | 0,422344 | 0,554112 | 1,164474 | 0,393725 |
| 34 | 0 | 0 | 0 | 0 | -0,42234 | -0,55411 | -1,16447 | -0,39372 |
| 35 | 0,076287 | 0,515417 | -2,44711 | -3,477 | 0 | 0 | 0 | 0 |
| 36 | -0,07629 | -0,51542 | 0,985274 | 1,364463 | 0,564513 | 0,174426 | 0,670734 | 1,103127 |
| 37 | 0 | 0 | 1,461833 | 2,112532 | 0 | 0 | 0 | 0 |
| 38 | -2,22766 | -2,36903 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 1,631655 | 1,140926 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 0,596005 | 1,228109 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | 0 | 0 | 0,548595 | -0,23918 | 0 | 0 | 0 | 0 |
| 44 | 0 | 0 | -0,5486 | 0,239182 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0,732433 | 0,651898 | 0,245187 | 0,216115 | 0,657744 | 0,367611 |
| 46 | 0,395166 | 0,526569 | -0,73243 | -0,6519 | -0,24519 | -0,21611 | -0,65774 | -0,36761 |
| 47 | -0,39517 | -0,52657 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0,096675 | 0,618288 | 0,763902 | -0,17927 | -0,1538 | -1,26573 | -1,59231 | -0,73992 |
| 49 | -0,09668 | -0,61829 | 0 | 0 | -0,16436 | -0,47938 | -1,0378 | -0,07578 |
| 50 | 0 | 0 | 0 | 0 | -0,74676 | -0,73437 | -0,12575 | -0,3233 |
| 51 | 1,157312 | 0,780231 | 0 | 0 | 0,126429 | 0,029685 | 0,526263 | 0,727736 |
| 52 | 0 | 0 | 0 | 0 | -0,10002 | -1,07504 | 0,13381 | -0,47507 |
| 53 | 0 | 0 | 0 | 0 | 0,252098 | 0,68988 | -0,00563 | -0,20382 |
| 54 | 0 | 0 | 0 | 0 | -0,33505 | -0,64527 | -0,97342 | -0,44383 |
| 55 | 0 | 0 | 0 | 0 | -2,27565 | -0,85174 | -1,71278 | -1,40428 |
| 56 | 0 | 0 | 0 | 0 | 0,577841 | 0,883542 | 1,192053 | 1,452008 |
| 57 | 0 | 0 | 1,620925 | 0,564264 | 0,684816 | -0,18537 | -0,14007 | -0,53298 |
| 58 | 0 | 0 | -1,62092 | -0,56426 | 1,012991 | 0,153568 | 0,660795 | 0,485247 |
| 59 | 0 | 0 | 0 | 0 | 0,556045 | 0,229915 | 0,123315 | 0,881204 |
| 60 | 1,641791 | 1,566632 | 0,153202 | -0,05642 | -0,87004 | -0,59099 | -0,74974 | -0,44249 |
| 61 | -1,64179 | -1,56663 | 0,2788 | 0,083433 | 0,96928 | 1,564173 | 1,103516 | 0,413097 |
| 62 | 0 | 0 | -0,77093 | -0,736 | -0,65528 | -1,2031 | -0,47709 | -0,85181 |
| 63 | -0,56873 | 0,11024 | -0,51686 | 0,348949 | -0,74072 | 0,253461 | -0,29086 | -0,98013 |
| 64 | 0,889055 | -0,62008 | 0,537608 | -0,50625 | 0,333353 | -0,63474 | -0,17832 | 0,093812 |
| 65 | -1,18886 | -1,19234 | -0,73253 | -0,27665 | 0,40737 | 0,381275 | 0,469181 | 0,886317 |
| 66 | -1,30655 | -0,25358 | 0,349307 | -0,14644 | 0 | 0 | 0 | 0 |
| 67 | -0,32697 | 0,215816 | -1,79501 | -1,23757 | 0 | 0 | 0 | 0 |
| 68 | 0,542714 | 0,692118 | 0,67526 | 0,746487 | 0,971313 | 1,171209 | 1,763896 | 1,878699 |
| 69 | 0,724307 | 0,41459 | 0,584498 | 0,734292 | -0,50332 | 0,111779 | -0,17267 | -0,29764 |
| 70 | -1,29016 | -1,43143 | 0,535249 | -0,24321 | -0,46799 | -1,28299 | -1,59122 | -1,58106 |
| 71 | -0,86502 | -0,42305 | 0,317293 | 0,664789 | -1,1602 | -0,2683 | -0,93515 | -0,52843 |
| 72 | 1,120125 | 0,911421 | -0,80811 | -1,02371 | -1,80009 | -2,24316 | -2,33145 | -2,12627 |
| 73 | 1,035053 | 0,943066 | 1,066877 | 0,621304 | 1,748282 | 1,83761 | 1,854917 | 2,052141 |
| 74 | 0,154396 | 0,671107 | -0,57606 | -0,26239 | 1,212006 | 0,673849 | 1,411679 | 0,60256 |
| 75 | -0,90813 | -1,14175 | -1,14455 | -0,91079 | -1,06253 | -1,00818 | -1,16128 | -0,51048 |
| 76 | 1,158608 | 0,698625 | 1,132143 | 0,521348 | 1,084812 | 1,132529 | 0,888736 | -0,1756 |
| 77 | -0,40487 | -0,22799 | 0,01241 | 0,389446 | -0,02228 | -0,12435 | 0,272543 | 0,686082 |
| 78 | -1,51597 | -1,54568 | 0 | 0 | -0,08828 | 0,039809 | -0,73021 | -0,61242 |
| 79 | 1,185434 | 1,626459 | 0 | 0 | 0,088281 | -0,03981 | 0,730212 | 0,612419 |
| 80 | 0,330537 | -0,08078 | 0,457449 | 0,553113 | 0 | 0 | 0 | 0 |
| 81 | 0 | 0 | -0,74867 | 0,255697 | 0,973026 | 0,299683 | 0,674179 | -0,04957 |
| 82 | 0 | 0 | 0,291216 | -0,80881 | -0,77013 | -0,72209 | -0,21075 | 0,336709 |
| 83 | 1,003868 | 1,064487 | -0,60957 | -0,08977 | -0,0321 | 0,534101 | -0,94281 | -0,84277 |
| 84 | -0,45688 | -0,68111 | -0,98383 | -1,98746 | -0,96461 | 0,683586 | 0,267725 | 0,328971 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | -0,54699 | -0,38337 | 1,51751 | 1,55073 | 0,22931 | -0,9697 | -0,45908 | -0,87646 |
| 86 | 0,37213 | -0,16529 | 0,07589 | 0,5265 | 1,114741 | 0,353681 | 0,819728 | 0,329106 |
| 87 | -1,46751 | -1,63581 | -0,36365 | 0,329304 | -0,47015 | 0,765259 | -0,45852 | 0,047291 |
| 88 | 0,768519 | 0,994374 | -0,05101 | 0,583153 | -0,64459 | -1,11894 | -0,3612 | -0,3764 |
| 89 | 0,326861 | 0,80672 | 0,414661 | -0,91246 | 0,494718 | 0,77701 | 0,854054 | 0,788506 |
| 90 | -0,44823 | 0,041604 | 0,488858 | 0,323566 | -0,523 | -1,35102 | -0,47394 | -0,55431 |
| 91 | 0,444788 | 0,544976 | -0,48886 | -0,32357 | -1,69015 | -0,72708 | -0,89819 | -0,29031 |
| 92 | 0,003447 | -0,58658 | 0 | 0 | -0,98224 | -0,88234 | -0,86871 | -1,02286 |
| 93 | 0,139554 | 0,340182 | 1,220464 | 0,558868 | 2,70067 | 2,18343 | 1,386793 | 1,078979 |
| 94 | -0,13955 | -0,34018 | -0,60325 | -0,67217 | 0 | 0 | 0 | 0 |
| 95 | 0 | 0 | -1,09826 | -0,43626 | 0 | 0 | 0 | 0 |
| 96 | 1,062869 | 0,913907 | -0,36469 | 0,297768 | 0 | 0 | 0 | 0 |
| 97 | -1,10804 | -0,3719 | 0,081836 | 0,431062 | 0 | 0 | 0 | 0 |
| 98 | -0,77281 | -1,68127 | 0,851882 | 0,099275 | 0 | 0 | 0 | 0 |
| 99 | -0,25752 | 0,239267 | -0,94794 | -0,14303 | 0 | 0 | 0 | 0 |
| 100 | -0,08181 | 0,119766 | 0,096056 | 0,043751 | 0 | 0 | 0 | 0 |
| 101 | 0,668642 | 1,126416 | 0,408919 | 0,059 | 0 | 0 | 0 | 0 |
| 102 | -0,52785 | -0,75338 | -1,32697 | -0,70534 | 0 | 0 | 0 | 0 |
| 103 | -0,14079 | -0,37303 | -1,54826 | -1,41962 | 0 | 0 | 0 | 0 |
| 104 | 1,274565 | 1,253663 | -0,26638 | -0,53119 | 0 | 0 | 0 | 0 |
| 105 | -1,56784 | -1,12424 | 2,732696 | 2,59715 | 0 | 0 | 0 | 0 |
| 106 | -1,66716 | -1,61189 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | -0,94869 | -0,52231 | 0 | 0 | 0 | 0 | 0 | 0 |
| 108 | 2,909125 | 2,004784 | 0 | 0 | -1,42471 | -1,30436 | -1,35391 | -3,21106 |
| 109 | 0 | 0 | 0 | 0 | 1,424709 | 1,304359 | 1,353907 | 3,211059 |
| 110 | 0 | 0 | 0 | 0 | -1,40699 | -1,78975 | -2,48688 | -3,07199 |
| 111 | 0 | 0 | 0 | 0 | 1,406986 | 1,789749 | 2,48688 | 3,071993 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | -0,57779 | -1,42339 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0,577792 | 1,423388 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | -0,60369 | -1,28186 | 0 | 0 | 0 | 0 |
| 123 | -0,73567 | -0,45416 | 0,60369 | 1,281861 | 0 | 0 | 0 | 0 |
| 124 | 0,735674 | 0,454161 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | -0,49516 | -0,66796 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0,495156 | 0,667961 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 129 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130 | 0 | 0 | 0 | 0 | -0,22514 | -0,59452 | -0,73488 | -1,33478 |
| 131 | 0 | 0 | 0 | 0 | 0,695412 | 0,127805 | 0,040662 | 0,291721 |
| 132 | 0 | 0 | 0 | 0 | -0,47027 | 0,466718 | 0,694216 | 1,043062 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | -2,49585 | -2,79928 | -2,5369 | -3,3937 |
| 137 | 0 | 0 | 0 | 0 | 1,53488 | 1,554949 | 2,138639 | 2,305726 |
| 138 | 0 | 0 | 0 | 0 | -1,12169 | -0,77228 | -1,41319 | -0,95856 |
| 139 | 0 | 0 | 0 | 0 | 2,715997 | 1,967339 | 2,185234 | 2,229416 |
| 140 | 0 | 0 | 0 | 0 | -0,63333 | 0,049271 | -0,37378 | -0,18288 |
| 141 | 0 | 0 | 0 | 0 | 0,343198 | 0,786057 | 1,158957 | 1,10933 |
| 142 | 0 | 0 | -0,84012 | -0,36216 | -1,38209 | -0,89178 | -2,16461 | -2,40523 |
| 143 | 0 | 0 | 0,508082 | 0,595315 | 1,03889 | 0,105722 | 1,005652 | 1,295896 |
| 144 | 0 | 0 | 0,332038 | -0,23315 | -1,61562 | -1,36179 | -0,81965 | -1,2789 |
| 145 | -0,33009 | -0,57442 | 0 | 0 | 1,615622 | 1,36179 | 0,819648 | 1,278897 |
| 146 | 0,633207 | 0,519424 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | -0,30312 | 0,054998 | 0 | 0 | -2,13216 | -1,27369 | -1,79697 | -2,18834 |
| 148 | 0 | 0 | -2,72605 | -2,4638 | 2,132162 | 1,273687 | 1,796975 | 2,18834 |
| 149 | 0 | 0 | 1,941224 | 1,186423 | -1,2124 | -0,32704 | -0,2539 | -0,17854 |
| 150 | 0 | 0 | -0,88309 | -1,22083 | 1,366205 | 1,592769 | 1,846212 | 0,918464 |
| 151 | -2,2231 | -2,42261 | 2,036381 | 2,804467 | -1,18937 | -1,43113 | -1,86964 | -0,74531 |
| 152 | 0,988312 | 2,351708 | -0,36846 | -0,30626 | 0,383909 | 0,607223 | 0,814914 | 0,254466 |
| 153 | -1,0858 | -0,93472 | 0,104163 | -0,00259 | 0,805458 | 0,82391 | 1,054721 | 0,490841 |
| 154 | 3,170341 | 2,584726 | -0,6606 | -1,21097 | 0 | 0 | 0 | 0 |
| 155 | -0,84975 | -1,5791 | 0,556437 | 1,213567 | 0,96766 | 2,21449 | 1,482532 | 0,794066 |
| 156 | -0,1216 | 0,476032 | -0,65404 | -0,94653 | 0 | 0 | 0 | 0 |
| 157 | -1,23774 | -0,91902 | 0,654038 | 0,946529 | 0 | 0 | 0 | 0 |
| 158 | 1,359339 | 0,442989 | 0 | 0 | 0 | 0 | 0 | 0 |
| 159 | -0,96071 | -1,43269 | -1,4116 | -2,12158 | 0 | 0 | 0 | 0 |
| 160 | 0,960711 | 1,432694 | 1,411599 | 2,121582 | 0 | 0 | 0 | 0 |
| 161 | 0 | 0 | -0,27703 | -0,1591 | 0 | 0 | 0 | 0 |
| 162 | -1,75308 | -1,26015 | 0,123828 | 0,215525 | -0,3933 | -1,32878 | -0,81979 | -1,24424 |
| 163 | 1,753078 | 1,260152 | -1,02211 | -0,75015 | 0,393297 | 1,328777 | 0,819786 | 1,244242 |
| 164 | -0,46835 | -0,69885 | 0,564918 | 0,802129 | 0 | 0 | 0 | 0 |
| 165 | 1,03708 | 0,58861 | 0,457191 | -0,05198 | 0 | 0 | 0 | 0 |
| 166 | -1,5283 | -1,19666 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167 | 1,247259 | 1,054206 | 0,854599 | 1,232966 | -1,7603 | -1,80926 | -1,67463 | -1,02204 |
| 168 | 0,281044 | 0,142453 | 0 | 0 | 1,760296 | 1,80926 | 1,674628 | 1,022045 |
| 169 | 0 | 0 | 0 | 0 | 0,561383 | 0,373554 | 0,585123 | 0,59052 |
| 170 | 0,66631 | 0,74348 | 0 | 0 | -0,56138 | -0,37355 | -0,58512 | -0,59052 |
| 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172 | 0 | 0 | 0 | 0 | -0,12693 | 0,130391 | -0,16808 | -0,23562 |

| | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 173 | 0 | 0 | 0 | 0 | 0,213811 | 0,215816 | 0,068952 | 0,212926 |
| 174 | 0 | 0 | -1,44592 | -0,9493 | -0,08688 | -0,34621 | 0,099131 | 0,022692 |
| 175 | 0 | 0 | 1,445919 | 0,9493 | 0,32264 | 0,508784 | -0,16409 | 0,644318 |
| 176 | 0 | 0 | 0 | 0 | -0,03888 | -0,39799 | -0,12926 | -0,19494 |
| 177 | -0,40949 | -0,98918 | 0 | 0 | -0,28376 | -0,1108 | 0,293348 | -0,44938 |
| 178 | 0,409489 | 0,989178 | 0 | 0 | -2,60234 | -1,88095 | -2,39171 | -3,33451 |
| 179 | 0 | 0 | -0,84945 | -0,94832 | -1,27498 | -2,01442 | -2,21398 | -2,67099 |
| 180 | 0 | 0 | 0,849454 | 0,948322 | -0,5334 | -0,68068 | -1,0255 | -1,20622 |
| 181 | 0 | 0 | 0,691244 | 1,080069 | 0,423105 | 0,267891 | 0,161815 | 0,037516 |
| 182 | -1,08185 | -0,30959 | 0,411368 | 0,096754 | -0,18768 | -0,32993 | -0,30677 | -1,10745 |
| 183 | 1,081851 | 0,309586 | 0,890794 | 0,849877 | -0,64153 | 0,190121 | -0,017 | -0,55128 |
| 184 | -0,0772 | 1,077013 | 0,024974 | 0,284098 | -0,22063 | -0,02499 | -0,6307 | 0,211059 |
| 185 | 0,621347 | 0,398794 | 0,11272 | -0,03926 | -0,2209 | -0,62887 | -0,05261 | -0,72148 |
| 186 | 0,743738 | 0,867398 | -0,13769 | -0,24484 | -0,08034 | 0,180243 | -0,0558 | 0,424328 |
| 187 | -0,44259 | 0,337498 | 0,33905 | 0,309119 | 0,227065 | 0,263712 | 0,450671 | 1,381506 |
| 188 | 0,383864 | 0,285094 | -0,27364 | -0,38044 | 1,234319 | 0,762493 | 1,475893 | 1,532026 |
| 189 | 0,058726 | -0,62259 | -0,06541 | 0,071323 | 0 | 0 | 0 | 0 |
| 190 | 0,515634 | 0,377075 | -1,34957 | -2,00788 | 0,800748 | 0,895184 | 1,251367 | 0,717676 |
| 191 | 0,359051 | -0,20771 | -1,71888 | -1,24933 | 0,997116 | 1,087497 | 0,547826 | 1,838786 |
| 192 | -0,87468 | -0,16936 | 0,302248 | 0,493175 | 0,90796 | 0,570073 | 1,203092 | 1,337174 |
| 193 | -1,94583 | -1,90005 | -0,17187 | -0,06646 | 1,171503 | 1,342608 | 1,603407 | 2,111869 |
| 194 | -1,80721 | -0,70909 | -0,13038 | -0,42671 | 0,133904 | 0,421437 | 0,514017 | 0,914265 |
| 195 | 0,203381 | 0,228307 | -1,21366 | -1,6768 | -0,7214 | -0,29399 | -0,6598 | -0,38427 |
| 196 | 0,343068 | 0,537843 | -2,53999 | -1,75139 | 0,587496 | -0,12744 | 0,145779 | -0,53 |
| 197 | -0,54645 | -0,76615 | 1,075794 | 0,288736 | 0 | 0 | 0 | 0 |
| 198 | -0,22152 | -0,58483 | -0,14774 | -0,34582 | | | | |
| 199 | -1,50406 | -0,61989 | -0,9958 | -0,31873 | | | | |
| 200 | 0,649684 | 0,043399 | -0,06452 | -0,00228 | | | | |
| 201 | -0,72028 | -0,57518 | 0,464695 | 1,387197 | | | | |
| 202 | -0,95337 | -0,46054 | 0,359479 | 0,836425 | | | | |
| 203 | 0,278857 | -0,36519 | 1,524417 | 1,621122 | | | | |
| 204 | 0,557269 | 0,707021 | -0,19688 | -0,62682 | | | | |
| 205 | 0,898305 | 1,061814 | 0,542266 | 0,464585 | | | | |
| 206 | 1,03599 | 1,38265 | -0,59017 | -0,5425 | | | | |
| 207 | -0,72777 | -0,49342 | -1,33576 | -0,66145 | | | | |
| 208 | 0,622854 | 0,239526 | 0,067305 | -0,31707 | | | | |
| 209 | -0,10832 | -0,53014 | -0,02885 | -0,48889 | | | | |
| 210 | -0,88112 | -0,82125 | -1,36567 | -0,68458 | | | | |
| 211 | -0,05883 | -0,13123 | 0,875794 | 0,786536 | | | | |
| 212 | -0,50818 | -0,14967 | -1,16341 | -2,74181 | | | | |
| 213 | 0,009691 | -0,56897 | -0,07248 | 0,13961 | | | | |
| 214 | -0,14823 | 0,355263 | -0,30657 | 0,504855 | | | | |
| 215 | -0,98236 | -2,41272 | 2,065025 | 2,078367 | | | | |
| 216 | -0,90748 | -0,29602 | -0,68266 | -0,59287 | | | | |

| | | | | | | | | | |
|------------|----------|----------|----------|----------|--|--|--|--|--|
| 217 | 0,29988 | 0,661429 | 0,68266 | 0,592868 | | | | | |
| 218 | 2,028095 | 1,218612 | 4,512959 | 5,398768 | | | | | |
| 219 | -0,23436 | -0,33588 | 0 | 0 | | | | | |
| 220 | 0,234363 | 0,335883 | 0,152912 | 0,335292 | | | | | |
| 221 | 5,296645 | 5,120382 | -0,15291 | -0,33529 | | | | | |
| 222 | 0 | 0 | -1,10261 | -1,17682 | | | | | |
| 223 | -0,19377 | 0,145168 | -0,89079 | -0,84988 | | | | | |
| 224 | 0,193767 | -0,14517 | 5,202084 | 4,962951 | | | | | |
| 225 | -0,54414 | -1,47581 | -0,55763 | -0,13164 | | | | | |
| 226 | -0,74374 | -0,8674 | 0,023302 | 0,13563 | | | | | |
| 227 | 5,111733 | 5,929178 | 1,791455 | 0,974368 | | | | | |
| 228 | -0,45872 | -1,29602 | -1,25713 | -0,97836 | | | | | |
| 229 | 0,512097 | 0,341203 | -0,06246 | 0,26656 | | | | | |
| 230 | 0,781912 | 1,445275 | 0,062461 | -0,26656 | | | | | |
| 231 | -0,83529 | -0,49045 | 0,973368 | 0,416052 | | | | | |
| 232 | -0,49934 | -0,43474 | 1,136876 | 0,705977 | | | | | |
| 233 | 0,499342 | 0,434736 | 0,42029 | 0,6766 | | | | | |
| 234 | 0,396665 | -0,04545 | -0,09809 | 0,226081 | | | | | |
| 235 | 0,794067 | 1,198246 | 0,342875 | 0,478656 | | | | | |
| 236 | -0,04954 | 0,068773 | 1,578122 | 1,296527 | | | | | |
| 237 | 0,316181 | 0,258455 | 2,300255 | 2,170244 | | | | | |
| 238 | -0,10295 | 0,525577 | 3,329629 | 3,46281 | | | | | |
| 239 | 1,388201 | 1,54975 | 1,259248 | 1,061329 | | | | | |
| 240 | 1,456633 | 2,352978 | 0,044693 | -0,04462 | | | | | |
| 241 | 3,176623 | 3,363166 | 0,49461 | 0,82415 | | | | | |
| 242 | 1,259449 | 1,159502 | 0,499079 | 0,761748 | | | | | |
| 243 | 0,471445 | -0,4381 | 2,030075 | 1,715934 | | | | | |
| 244 | -0,22523 | 0,470281 | 0,39229 | 0,557544 | | | | | |
| 245 | 1,063946 | 0,782 | -0,5936 | -0,72982 | | | | | |
| 246 | 2,442881 | 1,79496 | 0,201306 | 0,172279 | | | | | |
| 247 | 0,538192 | 0,797995 | 0 | 0 | | | | | |
| 248 | -1,06798 | -0,76312 | -1,96282 | -2,21997 | | | | | |
| 249 | 0,529785 | -0,03487 | -3,96648 | -4,21444 | | | | | |
| 250 | 0 | 0 | -3,78574 | -3,92731 | | | | | |
| 251 | -3,10013 | -2,47129 | -8,19585 | -8,44356 | | | | | |
| 252 | -4,47933 | -4,314 | | | | | | | |
| 253 | -2,82892 | -4,26427 | | | | | | | |
| 254 | -7,29446 | -8,09166 | | | | | | | |

Tablica D2 (*nastavak*):

| | frekvencija (Hz) | | | |
|-----------|------------------|----------|----------|----------|
| N | 36.308 | 39.811 | 43.652 | 47.863 |
| 1 | 0 | 0 | 0 | 0 |
| 2 | 4,299599 | -0,75135 | -0,94449 | -0,72856 |
| 3 | -4,2996 | -0,55545 | -0,64054 | -0,56576 |
| 4 | -1,36268 | 1,306799 | 1,585029 | 1,294323 |
| 5 | -0,20086 | 0 | 0 | 0 |
| 6 | 1,563534 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 |
| 9 | 0 | -1,62507 | -1,98997 | -2,32895 |
| 10 | 0 | -0,03818 | 0,62766 | 0,297131 |
| 11 | -1,27793 | 1,663254 | 1,362308 | 2,031824 |
| 12 | 0,220544 | 0 | 0 | 0 |
| 13 | 1,057391 | 0 | 0 | 0 |
| 14 | 0 | 0,088834 | 0,316666 | 1,114915 |
| 15 | 0 | -0,08883 | -0,31667 | -1,11492 |
| 16 | 0 | 0 | 0 | 0 |
| 17 | -0,39503 | -0,402 | -0,65413 | -1,0157 |
| 18 | 0,395027 | 0,402001 | 0,654133 | 1,015698 |
| 19 | 0 | 0 | 0 | 0 |
| 20 | 0,130437 | -4,66645 | -4,01194 | -4,14259 |
| 21 | -0,13044 | -0,00547 | -0,94148 | -1,93747 |
| 22 | 0 | 4,671926 | 4,95342 | 6,080059 |
| 23 | -3,71688 | 0 | 0 | 0 |
| 24 | -0,00875 | 0 | 0 | 0 |
| 25 | 3,725626 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0,926091 | 2,431159 | 2,20186 |
| 29 | 0 | -0,92609 | -2,43116 | -2,20186 |
| 30 | 0 | 1,191336 | 1,661316 | 1,07393 |
| 31 | 0,742574 | -1,19134 | -1,66132 | -1,07393 |
| 32 | -0,74257 | 0 | 0 | 0 |
| 33 | 0,621616 | 2,363169 | 5,758178 | 5,025208 |
| 34 | -0,62162 | 0 | 0 | 0 |
| 35 | 0 | 0 | 0 | 0 |
| 36 | 1,608807 | 0 | 0 | 0 |
| 37 | 0 | 0 | 0 | 0 |
| 38 | 0 | 0 | 0 | 0 |
| 39 | 0 | 0 | 0 | 0 |
| 40 | 0 | 0 | 0 | 0 |

| | | | | |
|-----------|----------|----------|----------|----------|
| 41 | 0 | 0 | 0 | 0 |
| 42 | 0 | 0,333317 | 0,552085 | 0,187941 |
| 43 | 0 | -0,33332 | -0,55209 | -0,18794 |
| 44 | 0 | 0 | 0 | 0 |
| 45 | 0,522159 | -0,98591 | -1,13125 | -0,37222 |
| 46 | -0,52216 | 0,572885 | 0,346056 | 0,207436 |
| 47 | 0 | 0,253709 | 0,431261 | 0,151717 |
| 48 | -1,29993 | 0,152495 | -0,10701 | -0,99407 |
| 49 | -0,33901 | -2,05626 | -2,32996 | -1,25572 |
| 50 | -0,45574 | -0,0289 | -0,41293 | -1,07797 |
| 51 | 0,41552 | -0,37414 | 0,070567 | 0,658182 |
| 52 | -0,2822 | -1,52216 | -2,12912 | -2,05743 |
| 53 | 0,28671 | 1,424937 | 1,241174 | 1,479987 |
| 54 | -0,66263 | -0,78585 | -0,73257 | -1,3085 |
| 55 | -1,73748 | 0,883069 | 1,620518 | 1,885941 |
| 56 | 1,864937 | -0,06884 | 0,380858 | 3,656776 |
| 57 | -0,3413 | -0,58528 | -1,11549 | 2,042554 |
| 58 | 0,213847 | 1,298842 | 2,055484 | -2,19654 |
| 59 | 0,377159 | -0,64473 | -1,32086 | -3,50279 |
| 60 | -0,52018 | -0,94843 | -2,51197 | -6,21185 |
| 61 | 0,701138 | -0,64003 | 0,337721 | 1,082027 |
| 62 | -0,55811 | 1,588465 | 2,174251 | 5,12982 |
| 63 | -0,99428 | 0 | 0 | 0 |
| 64 | -0,14145 | 0 | 0 | 0 |
| 65 | 1,135724 | 1,236579 | 1,027193 | 0,236237 |
| 66 | 0 | -0,05934 | -0,40175 | 0,224663 |
| 67 | 0 | -1,17724 | -0,62544 | -0,4609 |
| 68 | 1,916138 | -1,22491 | -0,90845 | -1,73732 |
| 69 | -0,43481 | -2,74549 | -2,98854 | -3,56696 |
| 70 | -1,48133 | 2,484194 | 2,77073 | 3,314747 |
| 71 | -0,01449 | 1,486208 | 1,126261 | 1,989528 |
| 72 | -2,95554 | -0,46689 | -0,92184 | -1,24161 |
| 73 | 2,128226 | 0,52143 | 0,350779 | 0,729944 |
| 74 | 0,841809 | -0,05454 | 0,57106 | 0,511667 |
| 75 | -0,87574 | -1,65896 | -2,43383 | -1,03078 |
| 76 | 0,723386 | 1,65896 | 2,43383 | 1,030779 |
| 77 | 0,152358 | 0 | 0 | 0 |
| 78 | -0,59277 | 2,253402 | 0,424939 | -1,13385 |
| 79 | 0,592766 | -1,54954 | -2,2542 | -1,69762 |
| 80 | 0 | -2,60669 | -1,20696 | 0,029192 |
| 81 | 0,759658 | 1,198893 | 0,448161 | -0,48673 |
| 82 | -0,02602 | -1,65924 | -3,17011 | -1,7362 |
| 83 | -2,37261 | 1,236039 | -0,0237 | -0,49473 |
| 84 | 0,856795 | -0,12836 | 0,525531 | 1,484216 |

| | | | | |
|------------|----------|----------|----------|----------|
| 85 | -0,82663 | -1,10768 | -0,50183 | -0,98948 |
| 86 | 0,59562 | -0,21407 | 0,305634 | 0,075278 |
| 87 | 0,266611 | -0,48322 | -0,65736 | 0,698313 |
| 88 | -0,86223 | -0,27309 | -0,25826 | -0,14275 |
| 89 | 0,608404 | -1,20203 | -1,43886 | -2,12744 |
| 90 | -0,59893 | 2,172406 | 2,048855 | 1,496597 |
| 91 | -1,0057 | 0 | 0 | 0 |
| 92 | -1,42688 | 0 | 0 | 0 |
| 93 | 2,423108 | 0 | 0 | 0 |
| 94 | 0 | 0 | 0 | 0 |
| 95 | 0 | 0 | 0 | 0 |
| 96 | 0 | 0 | 0 | 0 |
| 97 | 0 | 0 | 0 | 0 |
| 98 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 |
| 101 | 0 | 0 | 0 | 0 |
| 102 | 0 | 0 | 0 | 0 |
| 103 | 0 | 0 | 0 | 0 |
| 104 | 0 | 0 | 0 | 0 |
| 105 | 0 | -2,17585 | -0,18839 | 0,530691 |
| 106 | 0 | 2,175852 | 0,188394 | -0,53069 |
| 107 | 0 | -3,33456 | -0,64744 | 0,690361 |
| 108 | -4,34775 | 3,334564 | 0,647443 | -0,69036 |
| 109 | 4,34775 | 0 | 0 | 0 |
| 110 | -3,7856 | 0 | 0 | 0 |
| 111 | 3,785603 | 0 | 0 | 0 |
| 112 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 |
| 126 | 0 | 0 | 0 | 0 |
| 127 | 0 | -1,82227 | -3,23082 | -1,15452 |
| 128 | 0 | 0,245682 | -0,67128 | 0,946166 |

| | | | | |
|------------|----------|----------|----------|----------|
| 129 | 0 | 1,576589 | 3,902105 | 0,208354 |
| 130 | -0,69649 | 0 | 0 | 0 |
| 131 | 0,730936 | 0 | 0 | 0 |
| 132 | -0,03444 | 0 | 0 | 0 |
| 133 | 0 | -3,33666 | -4,7373 | -3,10562 |
| 134 | 0 | 3,037846 | 3,43309 | 3,086624 |
| 135 | 0 | -2,46181 | -2,47293 | -2,8715 |
| 136 | -2,89579 | 3,503568 | 6,864208 | 4,471912 |
| 137 | 1,838004 | -0,74294 | -3,08707 | -1,58142 |
| 138 | -1,38576 | -0,52213 | -0,71268 | -0,3959 |
| 139 | 2,952375 | -0,56934 | -0,50447 | -1,39727 |
| 140 | -0,50883 | 1,091479 | 1,217145 | 1,793168 |
| 141 | 0,123445 | -0,718 | -0,31108 | -0,28569 |
| 142 | -0,57082 | 0,717999 | 0,311084 | 0,285687 |
| 143 | 0,447374 | 0 | 0 | 0 |
| 144 | -0,86128 | -1,13409 | -1,99663 | -1,50812 |
| 145 | 0,861285 | 1,13409 | 1,996632 | 1,50812 |
| 146 | 0 | 0,21711 | 0,261985 | -0,4005 |
| 147 | -1,49939 | 0,768798 | 0,869267 | 0,772718 |
| 148 | 1,499388 | 0,487892 | -0,01111 | 0,393772 |
| 149 | -0,24276 | 0,117009 | 0,358091 | -0,47426 |
| 150 | 1,542694 | -0,6049 | -0,34698 | 0,080486 |
| 151 | -0,28385 | 0 | 0 | 0 |
| 152 | 0,403478 | 1,480206 | 2,002025 | 2,310423 |
| 153 | -0,11962 | 0 | 0 | 0 |
| 154 | 0 | 0 | 0 | 0 |
| 155 | 1,037346 | 0 | 0 | 0 |
| 156 | 0 | 0 | 0 | 0 |
| 157 | 0 | 0 | 0 | 0 |
| 158 | 0 | 0 | 0 | 0 |
| 159 | 0 | -0,10619 | -0,04442 | -0,80426 |
| 160 | 0 | 0,106185 | 0,04442 | 0,804264 |
| 161 | 0 | 0 | 0 | 0 |
| 162 | -0,92164 | 0 | 0 | 0 |
| 163 | 0,921642 | 0 | 0 | 0 |
| 164 | 0 | -0,50428 | -0,6604 | -0,67882 |
| 165 | 0 | 0,504278 | 0,660403 | 0,678825 |
| 166 | 0 | 0,574483 | 1,479941 | 1,460404 |
| 167 | -0,27088 | -0,57448 | -1,47994 | -1,4604 |
| 168 | 0,270879 | 0 | 0 | 0 |
| 169 | 0,654629 | 0,434164 | 0,388032 | 0,438857 |
| 170 | -0,65463 | -0,03322 | -0,25401 | 0,340165 |
| 171 | 0 | -0,40095 | -0,13402 | -0,77902 |
| 172 | -0,02965 | 0,841576 | 1,197333 | 1,50801 |

| | | | | |
|------------|----------|----------|----------|----------|
| 173 | 0,391046 | -0,61174 | -1,01365 | -1,01922 |
| 174 | -0,3614 | -0,22983 | -0,18368 | -0,48879 |
| 175 | 0,22489 | -3,02211 | -2,78907 | -4,05779 |
| 176 | -0,22889 | -3,80018 | -4,16809 | -3,85465 |
| 177 | 0,003998 | -1,7619 | -2,1135 | -0,89921 |
| 178 | -3,16948 | -0,4224 | -0,97953 | 0,051985 |
| 179 | -3,89208 | -1,00715 | -0,50916 | 0,72623 |
| 180 | -1,32446 | -1,11713 | -1,32469 | -0,49452 |
| 181 | -0,53665 | -0,1734 | 0,456279 | 0,536736 |
| 182 | -0,69236 | 0,517502 | 0,289048 | -1,02252 |
| 183 | -0,47742 | 0,145852 | 0,267505 | -0,71673 |
| 184 | -0,07734 | 2,001634 | 2,081302 | 0,886384 |
| 185 | -0,16487 | 1,817002 | 1,832749 | 0,931638 |
| 186 | 0,660591 | 0 | 0 | 0 |
| 187 | 0,459834 | 0,333161 | 0,746295 | 0,508715 |
| 188 | 2,152679 | 2,173752 | 2,480024 | 1,718699 |
| 189 | 0 | 1,535871 | 1,471073 | 1,899518 |
| 190 | 1,064194 | 2,779507 | 2,259771 | 3,785507 |
| 191 | 1,871333 | 0,690561 | 1,139542 | 1,31927 |
| 192 | 1,551579 | -0,69807 | -0,73968 | -1,55063 |
| 193 | 2,574458 | 0,007512 | -0,39986 | 0,231357 |
| 194 | 0,44106 | 0 | 0 | 0 |
| 195 | -0,14091 | | | |
| 196 | -0,30015 | | | |
| 197 | 0 | | | |

