

Time of export: 20.04.2024. 12:58:21

Repository: repozitorij.pmf.unizg.hr

Number of records on this URL: 48

Records exported: 48

| <b>Title</b>                                                                                                                   | <b>URL</b> | <b>Authors</b>                                                                                       | <b>Host item title</b> |
|--------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------|------------------------|
| Global Repeat Map (GRM) Application: Finding All DNA Tandem Repeat Units                                                       |            | Glunčić, Matko; Vlahović, Ines; Mršić, Leo; Paar, Vladimir                                           |                        |
| Einstein i relativnost                                                                                                         |            | Paar, Vladimir                                                                                       |                        |
| Novel look at DNA and life—Symmetry as evolutionary forcing                                                                    |            | Rosandić, Marija; Vlahović, Ines; Paar, Vladimir                                                     |                        |
| Discovery of 33mer in chromosome 21 – the largest alpha satellite higher order repeat unit among all human somatic chromosomes |            | Glunčić, Matko; Vlahović, Ines; Paar, Vladimir                                                       |                        |
| Regular higher order repeat structures in beetle <i>Tribolium castaneum</i> genome                                             |            | Vlahović, Ines; Glunčić, Matko; Rosandić, Marija; Ugarković, Đurđica; Paar, Vladimir                 |                        |
| Identifikacija periodičnosti višega reda u insektu <i>Tribolium castaneum</i> pomoću računalne grm metode                      |            | Vlahović, Ines                                                                                       |                        |
| Global Repeat Map Method for Higher Order Repeat Alpha Satellites in Human and Chimpanzee Genomes (Build 37.2 Assembly)        |            | Glunčić, Matko; Rosandić, Marija; Jelovina, Denis; Dekanić, Krešimir; Vlahović, Ines; Paar, Vladimir |                        |
| Slobodan Brant (1954. – 2011.)                                                                                                 |            | Paar, Vladimir                                                                                       |                        |
| Start/stop Codon-like Trinucleotides (CLTs) and Extended Clusters as New Language of DNA                                       |            | Rosandić, Marija; Glunčić, Matko; Paar, Vladimir                                                     |                        |

|                                                                                                                                      |  |                                                                                                     |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|
| Einstein i relativnost                                                                                                               |  | Paar, Vladimir                                                                                      |  |
| Tesla i fizika                                                                                                                       |  | Paar, Vladimir                                                                                      |  |
| Spectral Densities and Frequencies in the Power Spectrum of Higher Order Repeat Alpha Satellite in Human DNA Molecule                |  | Paar, Vladimir; Pavin, Nenad; Basar, Ivan; Rosandić, Marija; Luketin, Ivica; Durajlija Žinić, Sonja |  |
| Overlapping of two truncated crisis scenarios: Generator of peaks in mean lifetimes of chaotic transients                            |  | Paar, Vladimir; Pavin, Nenad                                                                        |  |
| Fractality of Abundance-weighted N,Z-Chart of Isotopes and Systematics of Atomic Weights of Chemical Elements                        |  | Paar, Vladimir; Pavin, Nenad; Rubčić, Antun; Rubčić, Jasna                                          |  |
| Naturally invariant measure of chaotic attractors and the conditionally invariant measure of embedded chaotic repellers              |  | Buljan, Hrvoje; Paar, Vladimir                                                                      |  |
| Correlation between diffraction of light by circular aperture and close-range interaction energy of two charged spheres              |  | Paar, Vladimir; Pavin, Nenad; Pavlovski, Krešimir; Rubčić, Antun; Rubčić, Jasna                     |  |
| Energy dependence of selfsimilarity truncation in a system of weakly coupled dissipative oscillators relevant for biological systems |  | Paar, Vladimir; Pavin, Nenad; Rosandić, Marija                                                      |  |
| Gaja Alaga (1924. - 1988.)                                                                                                           |  | Paar, Vladimir                                                                                      |  |
| Many-hole interactions and the average lifetimes of chaotic transients that precede controlled periodic motion                       |  | Buljan, Hrvoje; Paar, Vladimir                                                                      |  |
| Bursts in the chaotic trajectory lifetimes preceding controlled periodic motion                                                      |  | Paar, Vladimir; Buljan, Hrvoje                                                                      |  |
| Level structure of $^{100}\text{Nb}$                                                                                                 |  | Lhersonneau, G.; Brant, Slobodan; Paar, Vladimir                                                    |  |
| Overlapped KAM patterns for linearly coupled asymmetric oscillators                                                                  |  | Paar, Vladimir; Pavin, Nenad                                                                        |  |

|                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Collective and broken pair states of $^{65,67}\text{Ga}$                                                                                      |  | Danko, I.; Sohler, D.; Dombradi, Zs.; Brant, Slobodan; Krstić, Vladimir; Cederkall, J.; Lipoglavšek, M.; Palacz, M.; Persson, J.; Atac, A.; Fahlander, C.; Grawe, H.; Johnson, A.; Kerek, A.; Klamra, W.; Kownacki, J.; Likar, A.; Norlin, L.-O.; Nyberg, J.; Paar, Vladimir; Schubart, R.; Seweryniak, D.; Vretenar, Dario; de Angelis, G.; Bednarczyk, P.; Foltescu, D.; Jerrestam, D.; Juutinen, S.; Makela, E.; Nyako, B. M.; de Poli, M.; Roth, H. A.; Shizuma, T.; Skeppstedt, O.; Sletten, G.; Tormanen, S. |  |
| Further evidence on shape coexistence in $^{72}\text{As}$                                                                                     |  | Sohler, D.; Podolyak, Zs.; Dombradi, Zs.; Gulyas, J.; Algara, A.; Brant, Slobodan; Krstić, Vladimir; Paar, Vladimir                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Interacting boson-fermion model calculation of the level scheme and electromagnetic properties of $^{99}\text{Zr}$                            |  | Brant, Slobodan; Paar, Vladimir; Wolf, A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Level structure of $^{99}\text{Nb}$                                                                                                           |  | Lhersonneau, G.; Suhonen, J.; Dendooven, P.; Honkanen, A.; Huhta, M.; Jones, P.; Julin, R.; Juutinen, S.; Oinonen, M.; Penttila, H.; Persson, J. R.; Perajarvi, K.; Savelius, A.; Wang, J. C.; Aysto, J.; Brant, Slobodan; Paar, Vladimir; Vretenar, Dario                                                                                                                                                                                                                                                         |  |
| Nuclear structure of $^{97}\text{Y}$ in the interacting boson fermion plus broken pair model and the nature of the 3.523 MeV high-spin isomer |  | Lhersonneau, G.; Brant, Slobodan; Paar, Vladimir; Vretenar, Dario                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Study of $^{194}\text{Ir}$ via thermal neutron capture and (d,p) reactions                                                                    |  | Balodis, M.; Prokofjevs, P.; Kramere, N.; Simonova, L.; Berzins, J.; Krasta, T.; Georgii, R.; Von Egidy, Till; Klora, Jörg; Lindner, Helmut; Mayerhofer, Ulrich; Walter, A.; Cizewski, A.; Colvin, G. G.; Boerner, H. G.; Geltenbort, P.; Hoyler, F.; Kerr, S. A.; Schreckenbach, Klaus; Raemy, A.; Dousse, J. C.; Kern, J.; Schwitz, W.; Kondurov, I. A.; Loginov, Yu. E.; Sushkov, P. A.; Brant, Slobodan; Paar, Vladimir; Lopac, Vjera                                                                          |  |
| Bursts in average lifetime of transients for chaotic logistic map with a hole                                                                 |  | Paar, Vladimir; Pavin, Nenad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Generalized Bethe formula for the total level density                                                                                         |  | Paar, Vladimir; Pezer, Robert                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Missing preimages for chaotic logistic map with a hole                                                                                        |  | Paar, Vladimir; Pavin, Nenad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Levels of $^{105}\text{Pd}$ populated in the decay of $^{105}\text{Agm}$ and comparison with interacting boson-fermion model calculations     |  | Meyer, R. A.; Jackson, S. V.; Brant, Slobodan; Paar, Vladimir                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Rearrangement of valence neutrons by proton excitation in odd-odd Sb nuclei                                                                   |  | Dombradi, Zs.; Danko, I.; Brant, Slobodan; Paar, Vladimir                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

|                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| The nucleus $^{198}\text{Au}$ investigated with neutron capture and transfer reactions I. Experiments and evaluation                                            |  | Mayerhofer, Ulrich; Von Egidy, Till; Klor, Jörg; Lindner, Helmut; Börner, Hans G.; Judge, Stephen; Krusche, Bernd; Robinson, Stephen; Schreckenbach, Klaus; Sukhovich, Anatoly M.; Khitrov, Valery A.; Boneva, Stefka T.; Paar, Vladimir; Brant, Slobodan; Pezer, Robert |  |
| The nucleus $^{198}\text{Au}$ investigated with neutron capture and transfer reactions. II. Construction of the level scheme and calculation of level densities |  | Mayerhofer, Ulrich; Von Egidy, Till; Klor, Jörg; Lindner, Helmut; Börner, Hans G.; Judge, Stephen; Krusche, Bernd; Robinson, Stephen; Schreckenbach, Klaus; Sukhovich, Anatoly M.; Khitrov, Valery A.; Boneva, Stefka T.; Paar, Vladimir; Brant, Slobodan; Pezer, Robert |  |
| Neutron-capture gamma-ray study of levels in $\text{Ba}^{135}$ and description of nuclear levels in the interacting-boson-fermion model                         |  | Chrien, R. E.; Koene, B. K. S.; Stelts, M. L.; Meyer, R. A.; Brant, Slobodan; Paar, Vladimir; Lopac, Vjera                                                                                                                                                               |  |
| Role of collectivity in the structure of $^{120,122,124}\text{Sb}$ nuclei                                                                                       |  | Dombradi, Zs.; Brant, Slobodan; Paar, Vladimir                                                                                                                                                                                                                           |  |
| Chaotic and quasiperiodic solutions of robotic equation with one degree of freedom                                                                              |  | Paar, Vladimir                                                                                                                                                                                                                                                           |  |
| Dependence of chaotic behavior on the residual interaction in the odd-odd nucleus $^{106}\text{Ag}$                                                             |  | Lopac, Vjera; Brant, Slobodan; Paar, Vladimir                                                                                                                                                                                                                            |  |
| GOE-type energy level statistics and regular classical dynamics for rotational nuclei in the interacting boson model                                            |  | Paar, Vladimir; Vorkapić, D.; Dieperink, A. E. L.                                                                                                                                                                                                                        |  |
| Two-quasiparticle states in the interacting boson model. II. Electromagnetic properties in the $\text{SU}(3)$ limit                                             |  | Vretenar, Dario; Paar, Vladimir; Savoia, M.; Bonsignori, G.                                                                                                                                                                                                              |  |
| Interacting boson fermion model description for the levels of $^{71}\text{Ge}^{39}$ populated in the beta decay of $^{65.30}\text{-h } ^{71}\text{As}$          |  | Meyer, R. A.; Nagle, R. J.; Brant, Slobodan; Frle, E.; Paar, Vladimir; Hopke, P. K.                                                                                                                                                                                      |  |
| Interacting-boson-fermion-fermion model description of $^{140}\text{La}^{83}$ and comparison with levels populated by beta decay and neutron capture            |  | Meyer, R. A.; Marsh, K. V.; Seyfarth, H.; Brant, Slobodan; Bogdanović, M.; Paar, Vladimir                                                                                                                                                                                |  |

|                                                                                                                                   |  |                                                                                                                              |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|
| Two- and four-quasiparticle states in the interacting boson model: Strong-coupling and decoupled band patterns in the SU(3) limit |  | Vretenar, Dario; Paar, Vladimir; Bonsignori, G.; Savoia, M.                                                                  |  |
| Structure of $^{112}\text{In}$ nucleus                                                                                            |  | Kibedi, T.; Dombradi, Zs.; Fenyés, T.; Krasznahorkay, A.; Timar, J.; Gacsi, Z.; Passoja, A.; Paar, Vladimir; Vretenar, Dario |  |
| Laserska termonuklearna fuzija - novi izvor energije                                                                              |  | Paar, Vladimir                                                                                                               |  |
| Što se zbiva u atomskoj jezgri (I)                                                                                                |  | Paar, Vladimir                                                                                                               |  |
| Što se zbiva u atomskoj jezgri (II)                                                                                               |  | Paar, Vladimir                                                                                                               |  |