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Ukupan broj zapisa na URL-u: 23

Broj izvezenih zapisa: 23

Naslov	URL	Autori	Naslov izvornika
Detekcija prisustva i broja ljudi u Wi-Fi polju		Hrboka, Tonka	
Sub-symmetry-protected topological states		Wang, Ziteng; Wang, Xiangdong; Hu, Zhichan; Bongiovanni, Domenico; Jukić, Dario; Tang, Liqin; Song, Daohong; Morandotti, Roberto; Chen, Zhigang; Buljan, Hrvoje	
Anyons, Zitterbewegung and dynamical phase transitions in topologically nontrivial systems		Lunić, Frane	
Mapping of topological properties of photonic lattices		Jajtić, Ema	
Proposals for realization and signatures of anyons		Todorić, Marija	
Ab-initio Quantum Monte Carlo study of ultracold atomic mixtures		Cikojević, Viktor	
Modulation instability in the nonlinear Schrödinger equation with a synthetic magnetic field: Gauge matters		Lelas, Karlo; Čelan, Ozana; Prelogović, David; Buljan, Hrvoje; Jukić, Dario	
Berry phase for a Bose gas on a one-dimensional ring		Todorić, Marija; Klajn, Bruno; Jukić, Dario; Buljan, Hrvoje	
Exact solutions of a model for synthetic anyons in a noninteracting system		Lunić, Frane; Todorić, Marija; Klajn, Bruno; Dubček, Tena; Jukić, Dario; Buljan, Hrvoje	
Nontrivial coupling of light into a defect: the interplay of nonlinearity and topology		Xia, Shiqi; Jukić, Dario; Wang, Nan; Smirnova, Daria; Smirnov, Lev; Tang, Liqin; Song, Daohong; Szameit, Alexander; Leykam, Daniel; Xu, Jingjun; Chen, Zhigang; Buljan, Hrvoje	
Bose - Hubbardov model kao primjer tehnika dijagonalizacije u višestručnim sistemima		Filipović, Filip	

Quantum Hall Effect with Composites of Magnetic Flux Tubes and Charged Particles		Todorić, Marija; Jukić, Dario; Radić, Danko; Soljačić, Marin; Buljan, Hrvoje	
Quasimomentum distribution and expansion of an anyonic gas		Dubček, Tena; Klajn, Bruno; Pezer, Robert; Buljan, Hrvoje; Jukić, Dario	
Laser assisted tunneling in a Tonks-Girardeau gas		Lelas, Karlo; Drpić, Nikola; Dubček, Tena; Jukić, Dario; Pezer, Robert; Buljan, Hrvoje	
The Harper-Hofstadter Hamiltonian and conical diffraction in photonic lattices with grating assisted tunneling		Dubček, Tena; Lelas, Karlo; Jukić, Dario; Pezer, Robert; Soljačić, Marin; Buljan, Hrvoje	
Synthetic Lorentz force in classical atomic gases via Doppler effect and radiation pressure		Dubček, Tena; Šantić, Neven; Jukić, Dario; Aumiler, Damir; Ban, Ticijana; Buljan, Hrvoje	
Four-dimensional photonic lattices and discrete tesseract solitons		Jukić, Dario; Buljan, Hrvoje	
Nonequilibrium dynamics of exactly solvable one-dimensional many-body Bose systems		Jukić, Dario	
Anderson localization of a Tonks-Girardeau gas in potentials with controlled disorder		Radić, Juraj; Bačić, Vladimir; Jukić, Dario; Segev, Mordechai; Buljan, Hrvoje	
Lieb-Liniger gas in a constant-force potential		Jukić, Dario; Galić, Stipe; Pezer, Robert; Buljan, Hrvoje	
Ground-state properties of a one-dimensional strongly interacting Bose-Fermi mixture in a double-well potential		Lelas, Karlo; Jukić, Dario; Buljan, Hrvoje	
Momentum distribution of a freely expanding Lieb-Liniger gas		Jukić, Dario; Klajn, Bruno; Buljan, Hrvoje	
Free expansion of a Lieb-Liniger gas: Asymptotic form of the wave functions		Jukić, Dario; Pezer, Robert; Gasenzer, T.; Buljan, Hrvoje	