

Afisarea articolelor 21-10(10) pentru cuvântul-cheie "Hamiltonians"

Evidence of field induced slow magnetic relaxation in: Cis -[Co(hfac)2(H2O)2] exhibiting tri-axial anisotropy with a negative axial component

Korchagin Denis¹, Palii Andrei²¹, Yurieva Elena¹, Akimov Alexander¹, Misochko Eugenii¹, Shilov Gennadii¹, Talantsev Artem¹, Morgunov Roman¹, Shakin Alexander³, Aldoshin Serghei¹, Țukerblat Boris S.⁴

¹ Institute of Problems of Chemical Physics, Chernogolovka, Moscow Region,

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ National University of Science and Technology MISiS, Moscow,

⁴ Ben-Gurion University of the Negev

Dalton Transactions

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Disponibil online 4 June, 2022. Descarcări-0. Vizualizări-287

Effects of Rashba spin-orbit coupling, Zeeman splitting and gyrotropy in two-dimensional cavity polaritons under the influence of the Landau quantization

Moscalenco Sveatoslav¹, Podlesnii Igor¹, Dumanov Evgheni¹, Liberman Michael²³

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

European Physical Journal B

9 / 2015 / ISSN 1434-6028

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Confined electron-confined phonon scattering rates in wurtzite AlN/GaN/AlN heterostructures

Pocatilov Evghenii¹, Nica Denis¹, Balandin Alexander A.²

¹ Moldova State University,

² University of California, Riverside

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/ 2004 / ISSN 0021-8979 /ISSNe 1089-7550

Disponibil online 2 November, 2023. Descarcări-0. Vizualizări-137

Quantum transport in a nanosize silicon-on-insulator metal-oxide-semiconductor field-effect transistor

Croitoru Mihail¹², Gladilin Vladimir¹², Fomin Vladimir¹², Devreese Josef T.¹³, Magnus Wim⁴, Schoenmaker Wim J.⁴, Soree Bart⁴

¹ University of Antwerp,

² Moldova State University,

³ Eindhoven University of Technology,

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Dynamics of Bose-Condensed Ultracold Atoms and Trimer Molecules with the Formation of Atomic-Molecular Pairs

Zingan A.¹, Vasileva Olga¹, Hadji Piotr^{1,2}

¹ T.G. Shevchenko State University of Pridnestrovie, Tiraspol,

² Institute of Applied Physics

Journal of Experimental and Theoretical Physics

5(129) / 2019 / ISSN 1063-7761

Disponibil online 11 January, 2020. Descarcări-0. Vizualizări-647

Spin-orbit interaction and spintronics effects in semiconductor structures driven by interband coupling through optical phonon like displacements

Canțer Valeriu, Arapan Sergiu, Cârliș Sergiu, Ermalai Felicia

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

Vol. 2, Ediția 28. 2005. New Jersey. [ISBN 0780392140, 978-078039214-4.](#)

Disponibil online 22 November, 2023. Descarcări-0. Vizualizări-134

Effect of the energy bands nonparabolicity on the electrical conductivity in PbTe/Pb_{1-x}EuxTe quantum wells

Balandin Alexander A., Casian Anatolie, Sur Igor

Technical University of Moldova

Proceedings of the International Semiconductor Conference

Vol. 1. 2001. New Jersey. .

Disponibil online 29 November, 2023. Descarcări-0. Vizualizări-143

Jahn-Teller vibronic coupling in CdSe doped with Cr²⁺ ions

Clochișner Sofia^{1,2}, Țukerblat Boris S.³, Reu Oleg¹, Palii Andrei¹, Ostrovschii Serghei¹

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

² Moldova State University,

³ Ben-Gurion University of the Negev

Optical Materials

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Coherent manipulation of collective three-level systems

Macovei Mihai^{1,2,3}, Evers Jorg^{1,2}, Keitel Christoph H.^{1,2}

³ Technical University of Moldova

Physical Review A - Atomic, Molecular, and Optical Physics

/ 2005 / ISSN 1050-2947 /ISSNe 1094-1622

Disponibil online 19 July, 2023. Descarcări-0. Vizualizări-191

Dipolar Spin Ice States with a Fast Monopole Hopping Rate in CdEr₂X₄ (X=Se, S)

Gao Shang^{1,2}, Țurcan Vladimir^{3,4}, Prodan Lilian⁴

³ University of Augsburg,

⁴ Institute of Applied Physics, Academy of Sciences of Moldova

Physical Review Letters

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