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Articole în reviste din RM - 1. Publicații peste hotare - 6.
Publicații indexate în SCOPUS - 5. Teze/Rezumate în culegeri - 1.

2009 - 1

Atomic-scale structure of self-assembled In(Ga)As quantum rings in GaAs

Offermans Peter¹, Koenraad Paul M.¹, Wolter J.H.¹, Granados Daniel², Garcia Jorge M., Fomin Vladimir^{3,4}, Gladilin Vladimir^{3,4}, Devreese Josef T.^{3,1}

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Applied Physics Letters

Vol. 87, / 2005 / ISSN 0003-6951 / ISSNe 1077-3118

Disponibil online 15 June, 2023. Descarcări-0. Vizualizări-177

2008 - 3

Observation of the Aharonov-Bohm effect in self-assembled nanovolcanoes

Fomin Vladimir^{1,2,3}, Gladilin Vladimir^{1,4}, Kleemans N. A.J.M.², Bominaar-Silkens Iris M. A.⁵, Granados del Aguila Andres⁶, Taboada Alfonso Gonzalez⁶, Garcia Jorge M.⁶, Offermans Peter², Zeitler Ulrich⁵, Christianen Peter C.M.⁵, Maan Jan Cornelius⁵, Devreese Josef T.^{1,2}, Autor Nou, Koenraad Paul M.²

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Materials Science and Condensed Matter Physics

Nr. 1(53) / 2009 / ISSN 1810-6455

Disponibil online 14 April, 2022. Descarcări-0. Vizualizări-295

Oscillatory persistent currents in self-assembled quantum rings

Kleemans N. A.J.M.¹, Bominaar-Silkens Iris M. A.², Fomin Vladimir^{1,3,4}, Gladilin Vladimir^{3,4}, Granados Daniel⁵, Taboada Alfonso Gonzalez⁵, Garcia Jorge M.⁵, Offermans Peter¹, Zeitler Ulrich², Christianen Peter C.M.², Maan Jan Cornelius², Devreese Josef T.^{1,3}, Koenraad Paul M.¹

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Physical Review Letters

Vol. 99, / 2007 / ISSN 0031-9007

Disponibil online 7 July, 2023. Descarcări-3. Vizualizări-186

Theory of electron energy spectrum and Aharonov-Bohm effect in self-assembled In_xGa_{1-x}As quantum rings in GaAs

Fomin Vladimir^{1,2}, Gladilin Vladimir^{1,3,4}, Klimin Serghei^{1,3}, Devreese Josef T.^{1,2}, Kleemans N. A.J.M.², Koenraad Paul M.²

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Physical Review B - Condensed Matter and Materials Physics

Vol. 76, / 2007 / ISSN 1098-0121 / ISSN_e 1550-235X

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2007 - 2

Electron and exciton energy spectra in self-assembled InGaAs/GaAs ring-like nanostructures

Fomin Vladimir^{1,2,3}, Gladilin Vladimir^{1,2}, Devreese Josef T.^{1,3}, Kleemans N. A.J.M.³, Bozkurt Murat³, Koenraad Paul M.³

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Moldavian Journal of the Physical Sciences

Nr. 3(7) / 2008 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 16 December, 2013. Descarcări-5. Vizualizări-832

Electron and exciton energy spectra in self-assembled InGaAs/GaAs ring-like nanostructures

Fomin Vladimir^{1,2,3}, Gladilin Vladimir^{1,3}, Devreese Josef T.^{1,2}, Kleemans N. A.J.M.², Bozkurt Murat², Koenraad Paul M.²

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Physica Status Solidi (B) Basic Research

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2006 - 1

Energy spectra and oscillatory magnetization of two-electron self-assembled In_xGa_{1-x}As quantum rings in GaAs

Fomin Vladimir^{1,2,3,4}, Gladilin Vladimir^{1,3,4}, Devreese Josef T.¹, Kleemans N. A.J.M.², Koenraad Paul M.²

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2005 - 1

Electronic and excitonic properties of self-assembled semiconductor quantum rings

Fomin Vladimir^{1,2,3,4}, Gladilin Vladimir^{2,4,5}, Devreese Josef T.^{2,3}, Blokland Janneke H.⁶, Christianen Peter C.M.⁶, Maan Jan Cornelius⁶, Taboada Alfonso Gonzalez⁷, Granados Daniel⁷, Garcia Jorge M.⁷, Kleemans N. A.J.M.³, Van Genuchten H. C.M.³, Bozkurt Murat³, Koenraad Paul M.³

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