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Research Institute of Physics

International Center for Advanced Studies

Senior researcher

Language skills

Հայերեն Русский English

Publications

Article

БАЗИСЫ, МЕЖБАЗИСНЫЕ РАЗЛОЖЕНИЯ В ОБОБЩЕННОЙ ЗАДАЧЕ МИК-КЕПЛЕРА В НЕПРЕРЫВНОМ СПЕКТРЕ И ЗАДАЧА РАССЕЙЯНИЯ

Л.Г.Мардоян

Теоретическая и математическая физика (Theoretical and Mathematical Physics) 2023 285-298

Article

Quantum Systems with Hidden Symmetry. Interbasis Expansions

L.G. Mardoyan, G.S. Pogosyan, A.N. Sissakian, V.M. Ter-Antonyan

arXiv.org 2023 1-210

Article

Kepler motion on single-sheet hyperboloid

G.S.Poghosyan, Yu.Kurochkin, V.S.Otchik, L.Mardoyan, D.R.Petrosyan

Physics of Atomic Nuclei 2017 739-746

<http://link.springer.com/journal/11450>

Article

Relationship between quantum mechanics with and without monopoles

Levon Mardoyan, Armen Nersessian, Armen Yeranyan

Physics Letters A 2007 30-35

<http://www.journals.elsevier.com/physics-letters-a>

Article

Dipole transitions and Stark effect in the charge-dyon system

Levon Mardoyan, Armen Nersessian, Hayk Sarkisyan, Vahagn Yeghikyan

Journal of Physics A-Mathematical and Theoretical 2007 5973-5980

<http://iopscience.iop.org/journal/1751-8121>

Article

Hyperboloid, instanton, oscillator

Levon Mardoyan, Armen Nersessian, Stefano Bellucci

Modern Physics Letters B 2006 137-141

<http://www.worldscientific.com/worldscinet/mplb>

Article

Кольцеобразные функции и б_j-символы Вигнера

Л.Г.Мардоян

Теоретическая и математическая физика (Theoretical and Mathematical Physics) 2006 299-310

Article

Oscillator potential for the four-dimensional Hall effect

Levon Mardoyan, Armen Nersessian

Physical Review B 2005 233303(

Article

The Stark effect in the charge dyon system

Armen Nersessian, Levon Mardoyan, Mara Petrosyan

Theoretical and Mathematical Physics 2004 958-964

<http://link.springer.com/journal/11232>

Article

Charge-dyon bound system in the spherical quantum well

L. G. Mardoyan, L. S. Petrosyan, H. A. Sarkisyan

Physical Review A 2003 014103

Article

The generalized MIC-Kepler system

Levon Mardoyan

Journal of Mathematical Physics 2003 4981-4987

Article

Рассеяние электронов на дионе

Л. Г. Мардоян

Теоретическая и математическая физика (Theoretical and Mathematical Physics) 2003 246-256

Article

Hidden symmetry, separation of variables and interbasis expansions in the two-dimensional hydrogen atom

L G Mardoyan, G S Pogosyan, A N Sissakian, V M Ter-Antonyan

Journal of Physics A: Mathematical and General (Journal of Physics A-Mathematical and Theoretical) 1985 021/ 455-466

Article

Spheroidal analysis of the hydrogen atom

L G Mardoyan, G S Pogosyan, A N Sissakian, V M Ter-Antonyan

Journal of Physics A: Mathematical and General (Journal of Physics A-Mathematical and Theoretical) 1983 010/ 711-728
