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Научный сотрудник

🌐 Знание языков

Հայերեն Русский English

🔬 Научные интересы

- Биофизика, Физика сложных систем, Статистическая физика, Квантовая термодинамика

📖 Публикации

Статья
Energy densities in quantum mechanics
V. Stepanyan, A. E. Allahverdyan
Quantum 2024 1223

Статья
Thermal transitions in a one-dimensional, finite-size Ising model
Varazdat Stepanyan, Armen E Allahverdyan, Andreas F Tzortzakakis, David Petrosyan
Journal of Statistical Mechanics: Theory and Experiment 2024 033202

Статья
Sequence disorder-induced first order phase transition in confined polyelectrolytes
Y.Sh. Mamasakhlisov, V.F. Morozov, V. Stepanyan, A. Badasyan, R. Podgornik
Journal of Chemical Physics 2024 134906

Статья
No Bose-Einstein Condensation in Closed Systems with Linear Dynamics
Varazdat Stepanyan
Armenian Journal of Physics 2024 65-70

Статья
Photon cooling: Linear versus nonlinear interactions
V. Stepanyan, A. Hovhannisyan, A.E. Allahverdyan
Physical Review A 2022 032214

Статья
Helix-Coil Transition in Heterogeneous Biopolymers: Influence of Fixing Bond Scale
A. V. Asatryan, H. H. Mikayelyan, V. A. Stepanyan
Journal of Contemporary Physics (Armenian Academy of Sciences) 2022 308-312

Статья

Thermodynamics of Physical Approximations to Non Deterministic Polynomial Complete Problems

V. A. Stepanyan, S. G. Khachatryan, S. A. Hovhannisyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2022 36-40

Статья

The Rouse Model of Viscoelasticity and Diffusion Behavior of Chromatin

Stepanyan V. A., Hayrapetyan A. A., Mamasakhlisov E.S

Journal of Contemporary Physics (Armenian Academy of Sciences) 2020 254-258
