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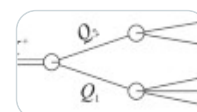
Analysis of the Astrophysical $^{30}\text{Si}(n, \gamma)^{31}\text{Si}$ Reaction via the Asymptotic Normalization Coefficient Method

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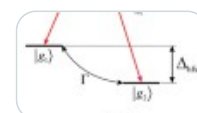
Does the Existence of the f_0 Meson Increase the $K^+ \rightarrow \pi^0 \pi^0 \pi^0 e^+ \nu$ Decay Probability?

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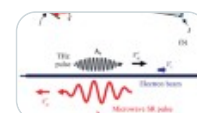
Light Shifts of Coherent Population Trapping Resonances in a Periodically Modulated Laser Field

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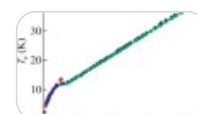
Use of Superradiance Pulses to Pump Multi-Pass Terahertz Compton Free Electron Lasers

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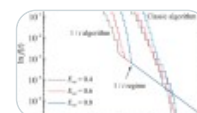
General Scaling Behavior of Superconductors

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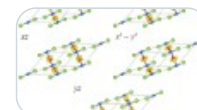
Phase Transitions in Heisenberg Magnets Induced by Uniaxial Anisotropy: Wang–Landau and Machine Learning Simulations

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Effect of Coulomb Correlations on the Electronic Structure of Bulk $\text{V}_2\text{Se}_2\text{O}$: a DFT + DMFT Study

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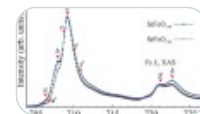


Threshold of Generation of Quantum Vortices by Waves on the Surface of Superfluid He-II



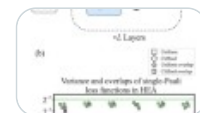
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Resonant Inelastic X-Ray Scattering at Fe $L_{2,3}$ Absorption Edges of SrFeO_x Oxides ($x = 2.46$ and 2.82)



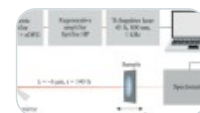
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Statistical Models of Barren Plateaus and Anti-Concentration of Pauli Observables



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Microscopic Mechanism of the Denaturation of Proteins and Nucleic Acids of *Pseudomonas Aeruginosa* Resonantly Absorbing 6- μ m Femtosecond Laser Pulses



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