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## **Thermodynamics of Kerr Black Hole: Tsallis–Cirto Composition Law and Entropy Quantization**

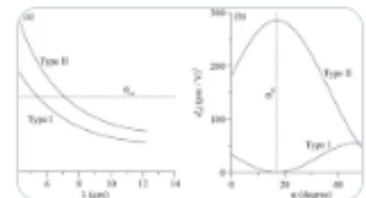
G. E. Volovik

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## **“Two-Color” Difference Frequency Generation Due to Type-I and Type-II Phase Matching in a Nonlinear BaGa<sub>2</sub>GeS<sub>6</sub> Crystal Pumped by Femtosecond Ti:Sapphire Laser Pulses**

I. O. Kinyaevskiy, M. V. Ionin ... D. V. Badikov

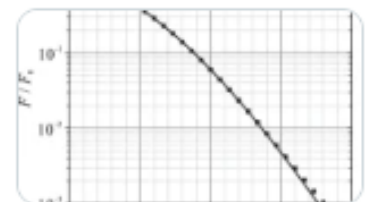
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## **Correlations of the Phase Gradients of the Light Wave Propagating in a Turbulent Medium in the Regime of Weak Scintillations**

V. A. Bogachev, I. V. Kolokolov ... F. A. Starikov

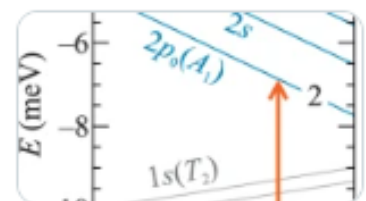
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R. Kh. Zhukavin, V. D. Kukotenko ... V. N. Shastin

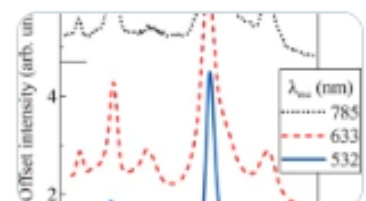
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## **Raman Scattering and Spin–Phonon Coupling in Crystals of the Magnetic Topological Insulator MnBi<sub>2</sub>Te<sub>4</sub>**

A. A. Maksimov, I. I. Tartakovskii ... N. T. Mamedov

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## Forward and Backward Lasing from an Ultraviolet Filament in Argon

G. E. Rizaev, M. V. Levus ... L. V. Seleznev

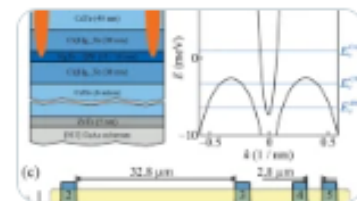
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D. A. Kurmachev, Z. D. Kvon & N. N. Mikhailov

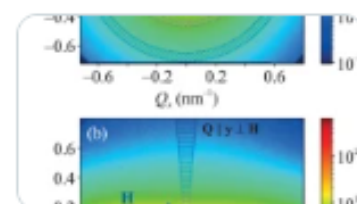
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## Synchrotron Small-Angle Scattering Study of Concentrated Ferrofluids Based on Strontium Hexaferrite Nanoparticles in a Magnetic Field

N. A. Grigoryeva, A. A. Eliseev ... S. V. Grigoriev

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## Josephson Diode and Spin-Valve Effects on the Surface of Altermagnet CrSb

V. D. Esin, D. Yu. Kazmin ... E. V. Deviatov

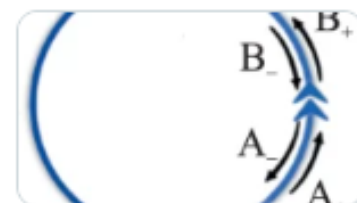
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V. A. Tomilin, A. M. Rostom & L. V. Il'ichev

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## Kitaev–Ising- $J_1$ - $J_2$ Model: A Density Matrix Renormalization Group Study

A. V. Kapranov & R. S. Akzyanov

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