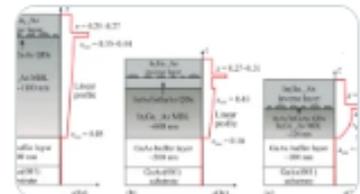


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### Optical Spectroscopy of Metamorphic Heterostructures with InAs/InGaAs Quantum Dots Emitting in the Range of ~1.55 $\mu\text{m}$

O. E. Lakuntsova, G. V. Klimko ... S. V. Sorokin

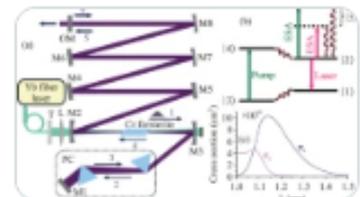
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### Influence of the Crystal Temperature and Intracavity Losses on the Soliton Regime of a Femtosecond Cr:Forsterite Laser

A. A. Voronin, A. A. Lanin ... A. B. Fedotov

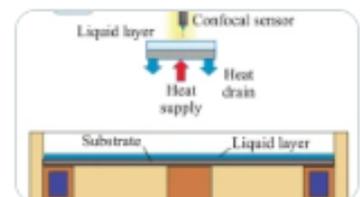
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### Correlation Dependence of Thermocapillary Rupture of Horizontal Liquid Films

D. Yu. Kochkin & O. A. Kabov

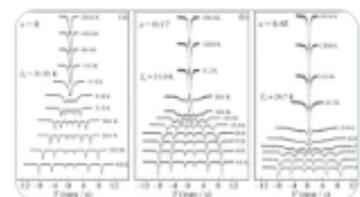
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### $^{57}\text{Fe}$ Mössbauer Spectroscopy Study of $\text{SmFe}_{3-x}\text{Sc}_x(\text{BO}_3)_4$ ( $x = 0.17, 0.45$ ) Multiferroics

K. V. Frolov, E. S. Smirnova ... I. A. Gudim

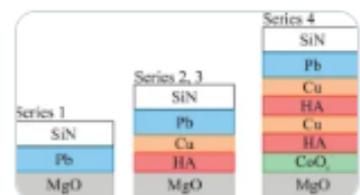
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### Superconducting Spin Valve in the Solitary Superconductivity Regime

D. A. Arbutov, A. A. Kamashev ... I. A. Garifullin

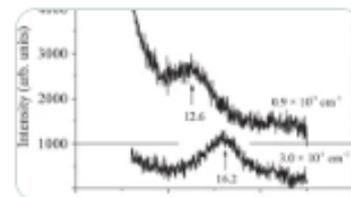
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## **Dispersion of Collective Plasma Excitations in Freely Suspended Graphene**

V. E. Kirpichev & I. V. Kukushkin

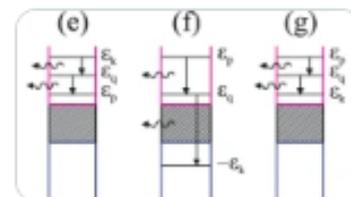
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## **Phonon Mechanism of the Anomalous Hall Effect in a $p_x + ip_y$ Superconductor**

M. V. Boev, D. S. Eliseev & Mehrdad M. Mahmoodian

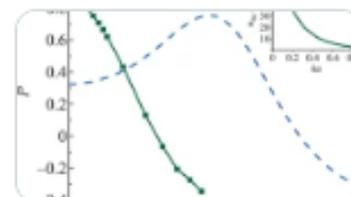
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## **Exchange Scattering in Semiconductors: an Efficient Mechanism for the Orientation of Electron and Nuclear Spins**

N. S. Averkiev & I. V. Rozhanskij

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## **Construction of Mirror Pairs of Calabi–Yau Orbifolds of the Berglund–Hubsch Type**

S. S. Aleshin & A. A. Belavin

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