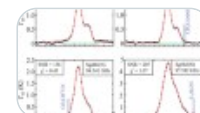




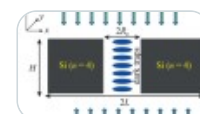
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## Indications of Electron-to-Proton Mass Ratio Variations in the Galaxy. II. 3 mm Methanol Lines Toward Sgr B2(N) and (M)



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## Linear Array of Blue-Detuned Optical Nanotraps in a Dielectric Nanohole

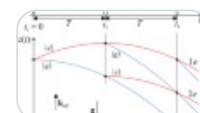


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## Bright-Dark Terahertz Acoustic Bullets

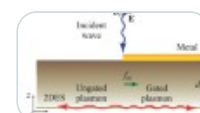
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## Lineshape-Asymmetry-Caused Shift in Atomic Interferometers



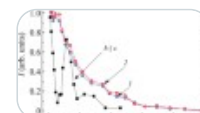
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## Electromagnetic Drag in Partly Gated 2D Electron System via Highly Confined Screened Plasmons



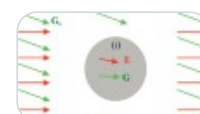
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## Amplification of the Photon Echo by Magnetic Pulses in the $\text{Er}^{3+}$ -Doped $\text{LuLiF}_4$ and $\text{YLiF}_4$ Samples



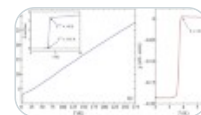
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## Maximization of Thermopower in Optimally-Disordered Graphene



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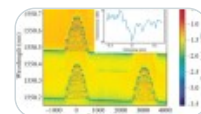
## **Multigap Superconductivity in Iron-Free Pnictide BaPd<sub>2</sub>As<sub>2</sub> Revealed by Local Magnetization and SNS-Andreev Spectroscopy**



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## **Cylindrical Microresonators Based on Silicon and Silicon Nitride Fibers Fabricated by Magnetron Sputtering**



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## **Analysis of Narrowband Lasing Parameters in a Random Fiber Raman Laser for Ultra-High-Resolution Spectroscopy with a Scanning Spectrometer**



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## **Training Quantum Recurrent Neural Networks on a Josephson Integrated Circuit**



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