



## **Review**

### **Effective field theory, past and future**

*Steven Weinberg*

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## **Research Papers**

### **Hybrid textures of neutrino mass matrix under the lamppost of latest neutrino and cosmology data**

*Rupam Kalita, Debasish Borah*

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### **The Casimir effect for thick pistons**

*Guglielmo Fucci*

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### **String gravitational equations with Hermitian structure**

*F. Naderi, A. Rezaei-Aghdam, F. Darabi*

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### **Restoration of four-dimensional diffeomorphism covariance in canonical general relativity: An intrinsic Hamilton–Jacobi approach**

*Donald Salisbury, Jürgen Renn, Kurt Sundermeyer*

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### **Nonperturbative approach to the parton model**

*Yu. A. Simonov*

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### **Induced vacuum current and magnetic field in the background of a vortex**

*Volodymyr M. Gorkavenko, Iryna V. Ivanchenko, Yurii A. Sitenko*

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### **On the Landau system for an atom with no permanent electric dipole moment subject to a linear confining potential**

*Abinael B. Oliveira, Knut Bakke*

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