

Experimental observation of quantum many-body excitations of E8 symmetry in the Ising chain ferromagnet CoNb₂O₆
Amelin, Kirill; Engelmayer, Johannes; Viirok, Johan; Nagel, Urmas; Rõõm, Toomas; Lorenz, Thomas; Wang, Zhe Physical review B 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

Gravitational wave microlensing by dressed primordial black holes

Urrutia, Juan; Vaskonen, Ville; Veermäe, Hardi Physical Review D 2023 / art. 023507 <https://doi.org/10.1103/PhysRevD.108.023507>
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Gravitational waves from supermassive black hole binaries in light of the NANOGrav 15-year data

Ellis, John; Fairbairn, Malcolm; Hütsi, Gert; Raidal, Juhan; **Urrutia Perez, Juan**; Vaskonen, Ville; Veermäe, Hardi Physical Review D 2024 / art. L021302, 7 p. : ill <https://doi.org/10.1103/PhysRevD.109.L021302> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ electric-field control of THz nonreciprocal directional dichroism in the multiferroic Ba₂CoGe₂O₇

Vit, J.; Viirok, Johan; **Peedu, Laur**; Rõõm, Toomas; Nagel, Urmas; Kocsis, V.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I.; Balla, P.; Penc, K.; Romhányi, J.; Bordacs, S. Physical review letters 2021 / art. 157201, 6 p. : ill <https://doi.org/10.1103/PhysRevLett.127.157201>

Observation of E8 articles in an Ising chain antiferromagnet

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Scalar mixtures in porous media

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Spin excitations of magnetoelectric LiNiPO₄ in multiple magnetic phases

Peedu, Laur; Kocsis, V.; Szaller, D.; Viirok, Johan; Nagel, Urmas; Rõõm, Toomas; Farkas, D.G.; Bordacs, S.; Kamenskyi, D.L.; Zeitler, U.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I. Physical review B 2019 / art. 024406, 8 p. : ill <https://doi.org/10.1103/PhysRevB.100.024406>

Terahertz absorption spectroscopy study of spin waves in orthoferrite YFeO₃ in a magnetic field

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Terahertz spectroscopy of spin excitations in magnetoelectric LiFePO₄ in high magnetic fields

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What is the source of the PTA GW signal?

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