

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>

Nuclear fusion as a source of clean energy [Online resource]

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Observation of E8 articles in an Ising chain antiferromagnet

Zhang, Zao; **Amelin, Kirill;** Wang, Xiao; Zou, Haiyuan; Yang, Jiahao; Nagel, Urmas; Rõõm, Toomas; Dey, Tusharkanti; Nugroho, Agustinus Agung; Lorenz, Thomas; Wu, Jianda; Wang, Zhe Physical review B 2020 / art. 220411, 6 p. : ill <https://doi.org/10.1103/PhysRevB.101.220411>

Symmetry breaking revealed by THz spectroscopy of magnetic excitations = Sümmeetriarikkumiste avaldumine magnetergastuste teraherts-spektrites

Amelin, Kirill 2022 <https://doi.org/10.23658/taltech.47/2022> <https://digikogu.taltech.ee/et/Item/15f23ccb-625a-455f-8592-b61b2da787d1>
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Terahertz absorption spectroscopy study of spin waves in orthoferrite YFeO3 in a magnetic field

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Terahertz magneto-optical investigation of quadrupolar spin-lattice effects in magnetically frustrated Tb2Ti2O7

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