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Direct evidence for cycloidal modulations in the thermal-fluctuation-stabilized spin spiral and skyrmion states of GaV4 S8

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Characteristics of ferroelectric-ferroelastic domains in Néel-type skyrmion host GaV 4 S 8

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Equilibrium skyrmion lattice ground state in a polar easy-plane magnet

Bordacs Sandor¹, Butykai Adam¹, Szigeti Bertalan György¹, White Jonathan Stuart², Cubitt Robert³, Leonov Andrey O.⁴, Widmann S.⁵, Ehlers Dieter⁵, Krug Von Nidda Hans Albrecht⁵, Tsurkan Vladimir^{5,6}, Loidl Alois⁵, Kezsmarki Istvan^{1,5}

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Polar and magnetic order in Ga V4 S e8

Ruff E.¹, Butykai Adam², Geirhos Korbinian³¹, Widmann S.¹, Tsurkan Vladimir¹⁴, Ștefanuț Eric⁴, Kezsmarki Istvan²³¹, Loidl Alois¹, Lunkenheimer Peter¹

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Relaxation dynamics of modulated magnetic phases in the skyrmion host GaV4 S8: An ac magnetic susceptibility study

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