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【732】 Nearly degenerated magnetic phases in Ce_3TiSb_5

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Ce_3TiSb_5 belongs to the class of frustrated Kondo-lattice systems. We have carried out detailed magnetization and specific heat measurements that reveal a complex magnetic phase diagram. We also report our results from recent single crystal neutron diffraction to investigate the magnetic order. Most notably, we found reentrant magnetic order as a function of magnetic field.

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