

INTRINSIC INHOMOGENEITIES
IN ANTIFERROMAGNETS
AND SUPERCONDUCTORS

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S u m m a r y

The common features of the formation of inhomogeneous magnetic states in uniaxial antiferromagnets and superconductors in the vicinity of phase transitions induced by an external magnetic field are considered. The experimental data on the transverse magnetization component are analyzed for the uniaxial crystals of superconducting dichalcogenide $2H-NbSe_2$ and antiferromagnetic ferrous carbonate $FeCO_3$ in the framework of thermodynamic approach.