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Magnon Bose-Einstein condensation at inhomogeneous conditions

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Abstract

The Spin Supercurrent and Bose-Einstein condensation of magnons, similar to an atomic BEC, was discovered in superfluid $^3\text{He-B}$, which is characterized by absolute purity. Later this phenomena were observed in a few magnetically ordered materials with different types of impurities. In this article we will review the properties of magnon BEC in a presence of impurities and defects. © Published under licence by IOP Publishing Ltd.

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