

Double magnetic resonance in MnCO₃

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Abstract

© Kazan Federal University (KFU). Results of experiments on MnCO₃ investigations by double magnetic resonance are presented. Additional mode of oscillation has been observed in a created Bose-Einstein condensation of magnons state in MnCO₃. The properties of observed signals are similar to Goldstone modes.

Keywords

Antiferromagnetics, Bose-einstein condensation, Magnetic resonance, Magnons, MnCO₃