

SHIFT OF SATURATION FIELD UPON ALTERATION OF SINGLE-CRYSTAL BARIUM HEXAFERRITE THICKNESS

The work presents the results of experimental investigation into the process of transition from multidomain state of uniaxial single-crystal BaFe₁₂O₁₉ to the saturation one under the normal biasing magnetic field. It was revealed that the saturation field tends to decrease almost linear for the thick samples of hexaferrites upon increasing of their thickness. The experimental fact is compared to the calculations.

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