

Mössbauer effect studies of thin iron films synthesized by ion beam assisted deposition technique

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Abstract

© 2018 Institute of Physics Publishing. All rights reserved. The paper presents the results of Mössbauer effect studies of thin iron films obtained by ion-assisted deposition technique. It was found that the films obtained consist of several phases and have a perpendicular magnetic anisotropy. Magnetization direction can be changed by external magnetic field in sample plane.

<http://dx.doi.org/10.1088/1742-6596/1058/1/012015>

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