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# Investigation of the temperature stability of permanent magnets by Mössbauer spectroscopy

*Sh. M. Aliev, M. Sh. Aliev, and Zh. G. Ibaev*

Institute of Physics of Dagestan Scientific Center of Russian Academy of Sciences
94 Yaragsky st., Makhachkala, 367003, Russia
E-mail: ibaev77@mail.ru

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***A method for determining the temperature coefficient of remanent magnetization of permanent magnets made of barium ferrite $Ba_2Fe_{12}O_{19}$ based on the Mössbauer effect has been proposed and experimentally verified. The advantage of the Mössbauer method is the possibility of using a completely demagnetized sample for measurements.***

*Keywords*: permanent magnet, remanent magnetization, saturation magnetization, ferrites, ferrite sublattices, Mössbauer effect.

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