



Soviet-era science, translated into English

it should read

1970

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Abstract

Full Text

In my article (Yu. V. Shaldin, “Experimental detection of electric gyrotropy in SrMoO₄ crystals”), published in DAN, vol. 191, no. 1, 1970, p. 68, the final formula for calculating the component α'_{333} was printed as

$$\alpha'_{333} = \frac{\lambda_0^2 n_0^2}{2\pi^2} \frac{\operatorname{tg} \alpha}{v_{=}},$$

it should read

$$\alpha'_{333} = \frac{\lambda_0^2}{4\pi^2 n_0^3} \frac{\operatorname{tg} \alpha}{v_{=}},$$

which, in the final calculation during the processing of the experimental data, led only to an overestimated value for the tensor component α'_{333} , which has now proved to be equal to $1 \cdot 10^{-16}$ cm²/V.

Yu. Shaldin

ERRATUM

In our article (E. E. Berlovich, Yu. N. Novikov, “On the probability of double beta decay of nuclei in regions far from the beta-stability band”), published in DAN, vol. 188, no. 5, 1969, p. 1024, Fig. 1B, instead of the values of scale divisions along the ordinate axis 10^{-11} , 10^{-13} , 10^{-15} , 10^{-17} , 10^{-19} , the values should be 10^{-8} , 10^{-10} , 10^{-12} , 10^{-14} , 10^{-16} , respectively.

Yu. N. Novikov

Note: Figure translations are in progress. See original paper for figures.

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