ERRATA

**Erratum: “Isotopic Shifts and the Hyperfine Structure
of the Samarium Spectral Lines at 672 and 686 nm”**

[*Opt. Spektrosk.* 90, 201 (2001); *Opt. Spectrosc.* 90, 164 (2001)]

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The section “Conclusions” was left out of the paper.

CONCLUSIONS

Using the saturation absorption method, the spectra of $4f^6 6s^2(^7F_0)(J_g = 0) \rightarrow 4f^6(7F)6s6p(^3P^o)^9F_1^0(J_u = 1)$ and $4f^6 6s^2(^7F_1)(J_l = 1) \rightarrow 4f^6(7F)6s6p(^3P^o)^9F_1^0(J_u = 1)$ transitions in the Sm atom at 672 and 686 nm were measured with a spectral resolution of $\sim 10^8$. The lines belonging to different isotopes and components of the hyperfine structure were identified. The structure of the upper level $4f^6(7F)6s6p(^3P^o)^9F_1^0$ and the lower level $4f^6 6s^2(^7F_1)$ was determined. The isotopic shift of the spectral lines corresponding to transitions from the low-lying components of the fine structure was measured, and the hyperfine structure and the relative isotopic shift of levels were determined. Because the fre-

quencies of the transitions between the levels of even isotopes ^{152}Sm and ^{154}Sm (having the highest abundance and possessing no hyperfine structure) are shifted by several gigahertz to the red region with respect to the transition frequencies of other isotopes, the levels of these isotopes offer the greatest promise for the study of coherent population trapping in samarium vapors.

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Translated by A. Kirkin

**Erratum: “Influence of the Optical Axis Distribution
in the Anisotropic Layer Surrounding a Spherical
Particle on the Scattering Light”**

[*Opt. Spectrosc.* 89 (6), 907 (2000)]

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The third author’s name has been misspelled. The correct list should read A. D. Kiselev, V. Yu. Reshetnyak, and T. J. Sluckin.