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Quasi-three-level model applied to measured spectra of nonlinear absorption and refraction in organic molecules: publisher's note

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This note corrects author affiliations, errors in one equation, and two equation callouts of J. Opt. Soc. Am. B 33, 780 (2016).   © 2016 Optical Society of America

Author affiliations in the authors' published article [1] have been corrected, as shown in the author list above. In addition, in Eq. (B1), one of the terms in the first summation was dropped from the final version. The corrected equation is presented below:

$$\gamma_{ijkl}(\omega = [\omega_p + \omega_q + \omega_r]; \omega_p, \omega_q, \omega_r)$$

$$= \frac{1}{\hbar^3}\left[\sum_{v,n,m}'\left\{\frac{\mu_{gv}^i(\mu_{vn}^l - \mu_{gg}^l)(\mu_{nm}^k - \mu_{gg}^k)\mu_{mg}^j}{(\bar{\omega}_{vg} - \omega_p - \omega_q - \omega_r)(\bar{\omega}_{ng} - \omega_q - \omega_p)(\bar{\omega}_{mg} - \omega_p)} + \frac{\mu_{gv}^j(\mu_{vn}^k - \mu_{gg}^k)(\mu_{nm}^i - \mu_{gg}^i)\mu_{mg}^l}{(\bar{\omega}_{vg}^* + \omega_p)(\bar{\omega}_{ng}^* + \omega_q + \omega_p)(\bar{\omega}_{mg} - \omega_r)}\right.\right.$$

$$+ \frac{\mu_{gv}^l(\mu_{vn}^i - \mu_{gg}^i)(\mu_{nm}^k - \mu_{gg}^k)\mu_{mg}^j}{(\bar{\omega}_{vg}^* + \omega_r)(\bar{\omega}_{ng}^* - \omega_q - \omega_p)(\bar{\omega}_{mg} - \omega_p)} + \left.\frac{\mu_{gv}^j(\mu_{vn}^k - \mu_{gg}^k)(\mu_{nm}^l - \mu_{gg}^l)\mu_{mg}^i}{(\bar{\omega}_{vg}^* + \omega_p)(\bar{\omega}_{ng}^* + \omega_q + \omega_p)(\bar{\omega}_{mg} + \omega_p + \omega_q + \omega_r)}\right\}$$

$$- \sum_{n,m}'\left\{\frac{\mu_{gn}^i\mu_{ng}^l\mu_{gm}^k\mu_{mg}^j}{(\bar{\omega}_{ng} - \omega_p - \omega_q - \omega_r)(\bar{\omega}_{ng} - \omega_r)(\bar{\omega}_{mg} - \omega_p)} + \frac{\mu_{gn}^i\mu_{ng}^l\mu_{gm}^k\mu_{mg}^j}{(\bar{\omega}_{mg}^* + \omega_q)(\bar{\omega}_{ng} - \omega_r)(\bar{\omega}_{mg} - \omega_p)}\right.$$

$$+ \left.\left.\frac{\mu_{gn}^l\mu_{ng}^i\mu_{gm}^j\mu_{mg}^k}{(\bar{\omega}_{ng}^* + \omega_r)(\bar{\omega}_{mg}^* + \omega_p)(\bar{\omega}_{mg} - \omega_p)} + \frac{\mu_{gn}^l\mu_{ng}^i\mu_{gm}^j\mu_{mg}^k}{(\bar{\omega}_{ng}^* + \omega_r)(\bar{\omega}_{mg}^* + \omega_p)(\bar{\omega}_{ng}^* + \omega_p + \omega_q + \omega_r)}\right\}\right]$$

Also, in Appendix D, two equation callouts were incorrect in the published version. The statement beginning with "Thus, we can write Eqs. (12)–(15) in esu" should be, "Thus, we can write Eqs. (D12)–(D15) in esu." The article [1] was corrected on 13 April 2016.

REFERENCE

1. T. R. Ensley, H. Hu, M. Reichert, M. R. Ferdinandus, D. Peceli, J. M. Hales, J. W. Perry, Z. Li, S.-H. Jang, A. K.-Y. Jen, S. R. Marder, D. J. Hagan, and E. W. Van Stryland, "Quasi-three-level model applied to measured spectra of nonlinear absorption and refraction in organic molecules," J. Opt. Soc. Am. B **33**, 780–796 (2016).