Errata

Mys O., Adamiv V., Martynyuk-Lototska I. and Vlokh R. Ukr. J. Phys. Opt. 5 (2004) 6-7.

Page 6. Last sentence of the first column was incorrectly printed. The correct sentence should read "They belong to the point group of symmetry $\bar{4}2m$."

Martunyuk-Lototska I., Mys O., Dyachok Ya., Dudok T., Adamiv V., Burak Ya. and Vlokh R. Ukr.J.Phys.Opt. 5 (2004) 19-26.

(i) Throughout the article, it should be $Li_2B_4O_7$ instead of LiB_4O_7.

(ii) Page 19. In the first sentence of the article it should be "…the point symmetry groups $\bar{3}m$ and 4mm." instead of "…the point symmetry groups 3m and 4mm.".

(iii) Page 24. The caption of Figure 2 should be: "Indicative surfaces of inverse acoustic wave velocities in the ABO (a) and LTB (b) crystals in the units [s/km]".

Vlokh R. Ukr.J.Phys.Opt. 5 (2004) 27-31.

Page 28. The correct form of Eqs. (3)–(8) is

$$n = 1 \pm 2\sqrt{\frac{GM}{c_0^4}}(\vec{g}^{1/2})_k + \frac{3}{2}\left(\sqrt{\frac{GM}{c_0^4}}\right)^2 (\vec{g}^{1/2})_k^2 \pm \frac{1}{2}\left(\sqrt{\frac{GM}{c_0^4}}\right)^3 (\vec{g}^{1/2})_k^3 + \frac{1}{16}\left(\sqrt{\frac{GM}{c_0^4}}\right)^4 (\vec{g}^{1/2})_k^4, \quad (3)$$

$$B_{ij} = 1 \mp 4\sqrt{\frac{GM}{c_o^4}}(\vec{g}^{1/2})_k - 7\left(\sqrt{\frac{GM}{c_o^4}}\right)^2 (\vec{g}^{1/2})_k^2 \mp 7\left(\sqrt{\frac{GM}{c_o^4}}\right)^3 (\vec{g}^{1/2})_k^3 - \frac{35}{8}\left(\sqrt{\frac{GM}{c_o^4}}\right)^4 (\vec{g}^{1/2})_k^4, \quad (4)$$

$$n = 1 \pm 2\sqrt{\frac{GM}{c_0^4}}(\vec{g}^{1/2})_k + \frac{3}{2}\left(\sqrt{\frac{GM}{c_0^4}}\right)^2 (\vec{g}^{1/2})_k^2, \quad (5)$$

$$B_{ij} = 1 \mp 4\sqrt{\frac{GM}{c_o^4}}(\vec{g}^{1/2})_k - 7\left(\sqrt{\frac{GM}{c_o^4}}\right)^2 (\vec{g}^{1/2})_k^2, \quad (6)$$

$$n = 1 \pm 2\sqrt{\beta_{ijkl}M}(\vec{g}^{1/2})_k + \frac{3}{2}\beta_{ijkl}M(\vec{g}^{1/2})_k^2, \quad (7)$$

$$B_{ij} = 1 \mp 4\sqrt{\beta_{ijkl}M}(\vec{g}^{1/2})_k - 7\beta_{ijkl}M(\vec{g}^{1/2})_k^2. \quad (8)$$