Conditions of appearance of the topological defects of optical indicatrix orientation in the glasses with residual stresses: Movement of the defects under application of external mechanical stress to CaB₄O₇ glasses: Errata

Vasylkiv Yu., Kryvyy T., Skab I. and Vlokh R.

Vlokh Institute of Physical Optics, 23 Dragomanov Street, 79005 Lviv, Ukraine, vlokh@ifo.lviv.ua

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We have found a number of technical errors appearing in our recent article, Ref. [1]. The topological defects (TDs) in Fig. 2a and Fig. 2d should be marked as follows:

Fig 2. Spatial maps of the optical indicatrix orientation angle (a) and the phase difference (d) appearing under application of different mechanical stresses along the Z axis and light propagation along the X axis. The stresses applied to CaB₄O₇ glass are equal to 0 (a) and −3.22×10⁶ N/m² (d).
The dependences of displacement of the TDs on the compressive stress in Fig. 6 should be marked as follows:

![Graph showing the dependence of displacement of TDs on compressive stress](image)

**Fig. 6.** Dependence of displacement of the TDs on the compressive stress, as obtained for CaB$_4$O$_7$ glass sample.

Finally, the measurement units at the ordinate axes of these dependences are millimetres (mm).

**References**