Erratum: Circular and helicoïdal standing-wave-induced Fréedericksz transition in nematic liquid crystals
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In this paper some misprints have to be corrected.
(1) One should read Eq. (1) as

$$\mathbf{E}_+ = E_+ \frac{i\mathbf{l}_\perp(0) + \mathbf{l}_\parallel(0)}{\sqrt{2}} \, e^{ik_0 z - i\omega t} \quad z < 0,$$

$$\mathbf{E}_- = E_- \frac{\sigma i\mathbf{l}_\perp(L) + \mathbf{l}_\parallel(L)}{\sqrt{2}} \, e^{-ik_0 z - i\omega t} \quad z > L,$$

(1)

and the first line after Eq. (1) as

$$\mathbf{l}_\perp(z) = (-\sin\varphi(z), \cos\varphi(z)), \quad \mathbf{l}_\parallel(z) = (\cos\varphi(z), \sin\varphi(z)).$$

(2) The definition of the phase shift Δ in Eq. (6) must be written as

$$\Delta = k_0 \sqrt{\varepsilon_\perp} \int_0^L \sqrt{\varepsilon_\parallel / \varepsilon_{zz}} \, dz' - k_0 \sqrt{\varepsilon_\perp} L.$$

(6)

(3) The definition of the ratio R, in the second line after Eq. (7), must be

$$R = |A_-|^2 / |A_+|^2.$$