2007 - Conical refraction: Experiments and large-scale demonstrations - Russian Physics Journal - Mikhailichenko
2006 - Conical diffraction: observations and theory - PRSA - Berry et al
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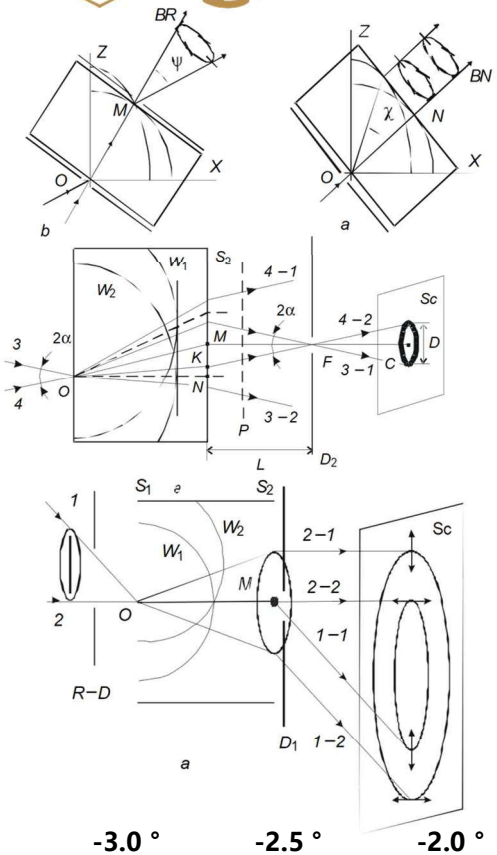

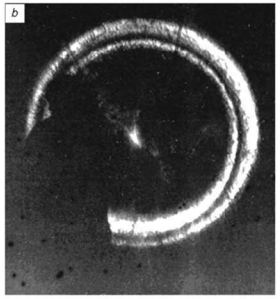

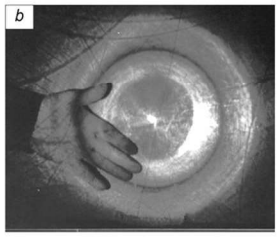

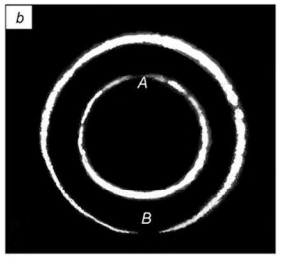

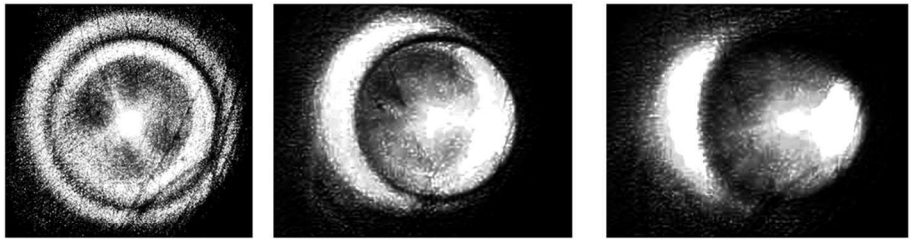

Fig. 3. Change of internal conical refraction fringes with increase in the tilt angle of the crystal plate relative to the incident beam.

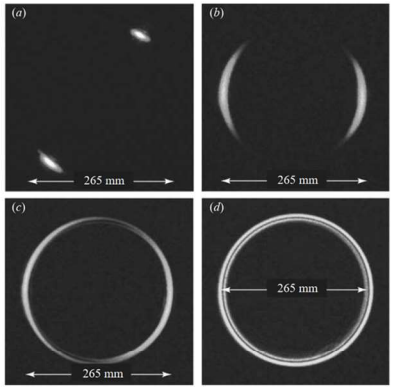

Figure 2. Transition from (a) double refraction to (d) conical refraction as the crystal is rotated until the incident beam is parallel to an optic axis.

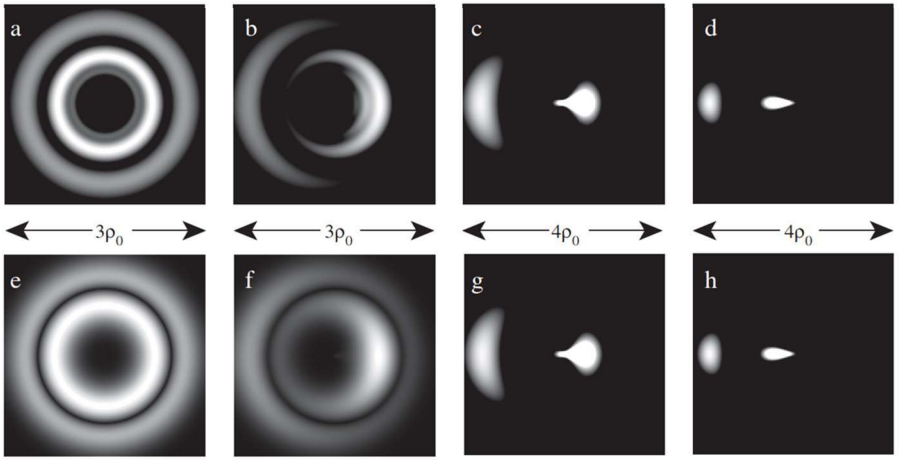

Figure 1. Density plots of exact intensity (equations (2.32) and (2.22)) in the $\rho = \{\xi, \eta\}$ plane, showing transition between conical (a) and double ((c), (d)) refraction, for $\rho_0 = 20$, $\zeta = 6$, and: (a) $u = 0$, (b) $u = 1/2$, (c) $u = 2$, (d) $u = 5$. In (c) and (d) the brighter (right-hand) spots are saturated, in order to display the fainter spots. (e)–(h) Corresponding plots for the geometrical optics intensity (equations (2.32) and (3.3)).