Fluorescein-Coloured Polygonal Patterns in the Normal Human Cornea and the Reflectographic 'Furchenbild' of Fischer

N.M.J.

Schweitzer

Utrecht

Author's address: Dr. N. M. J. Schweitzer, Kon. Ned. Gasthuis voor Ooglijders, Dondersstraat, Utrecht (The Netherlands)

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Discussion

Mulock Houwer observes that, if the clear lines are the result of reflection of the parallel beams of light from a cylinder-shaped groove, focal lines will arise which cannot all be reproduced sharply if the curvature of the cylinder surface alters.

Dekking: The parallel lines alongside the image of the groove suggest interference lines, caused by the sloping wall of the groove. In that case, if one knows the wave-length, one can read the depth of the groove and the inclination of the walls from the photograph.

Manschot asks how deep the grooves are estimated to be.

Schweitzer replies: 10–20 μm .