

## Chapter 25

25.10

$$I/I_1 = 0.75$$

25.12

$$I/I_0 = 0.21$$

25.24

$$n_z = 2.417$$

(crystal is diamond)

25.50

$$d = 262 \text{ nm}$$

25.62

$$\begin{array}{l} \text{Dark fringes } N=278 \\ \text{Bright fringes } N'=277 \end{array}$$

25.88

$$\theta_{2R} > \theta_{3V}$$

(overlap does occur)

25.92

$$\theta = 1.22 \times 10^{-4} \text{ rad}$$

(or 25.2")