$$O + \lambda = 45^{\circ}$$

$$n_{z} = 1$$

$$n_{z} = 1.33$$

$$n_{z} = 1.33$$

$$n_{1}\frac{b}{dr} = n_{2}\frac{b}{di} = \frac{n_{2}}{dr} = \frac{3}{4}$$
(b) To make things more concrete (and easier)
$$say \quad \alpha = 4 \quad This \quad means \quad d_{r} = 4 \quad (due)$$
to the 45% angle) and $C = 452$.

Also, $d_i = 3$ (from part (a)). So $f = \sqrt{\alpha^2 + d_i^2} = 5$ $3 = 36.9^\circ$

n, tand, = nztand,