

Telephoto - Gaussian Reduction

$$f_1 = 75 \text{ mm}$$

$$\phi_1 = .01333 / \text{mm}$$

$$f_2 = -60 \text{ mm}$$

$$\phi_2 = -.01666 / \text{mm}$$

$$t = 35 \text{ mm}$$

$$\tau = t = 35 \text{ mm}$$

$$\phi = \phi_1 + \phi_2 - \phi_1 \phi_2 \tau$$

$$\phi = .00444 / \text{mm}$$

$$\underline{f = 225 \text{ mm}}$$

$$f'_R = 225 \text{ mm}$$

$$d' = \delta' = -\frac{\phi_1}{\phi} \tau$$

$$\underline{d' = -105 \text{ mm}}$$

$$\text{BFD} = f'_R + d'$$

$$\underline{\text{BFD} = 120 \text{ mm}}$$

