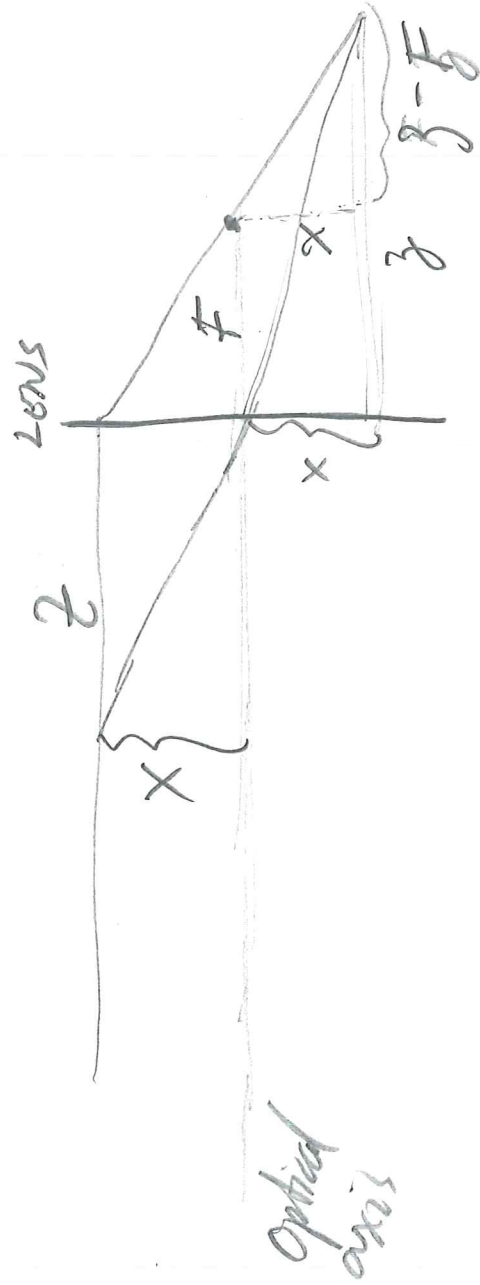
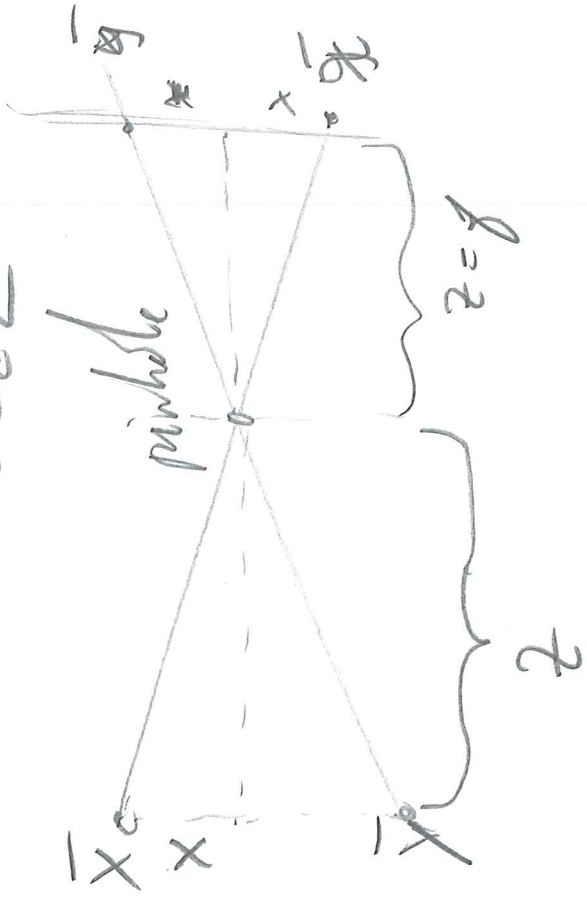


# Thin Lens Equation



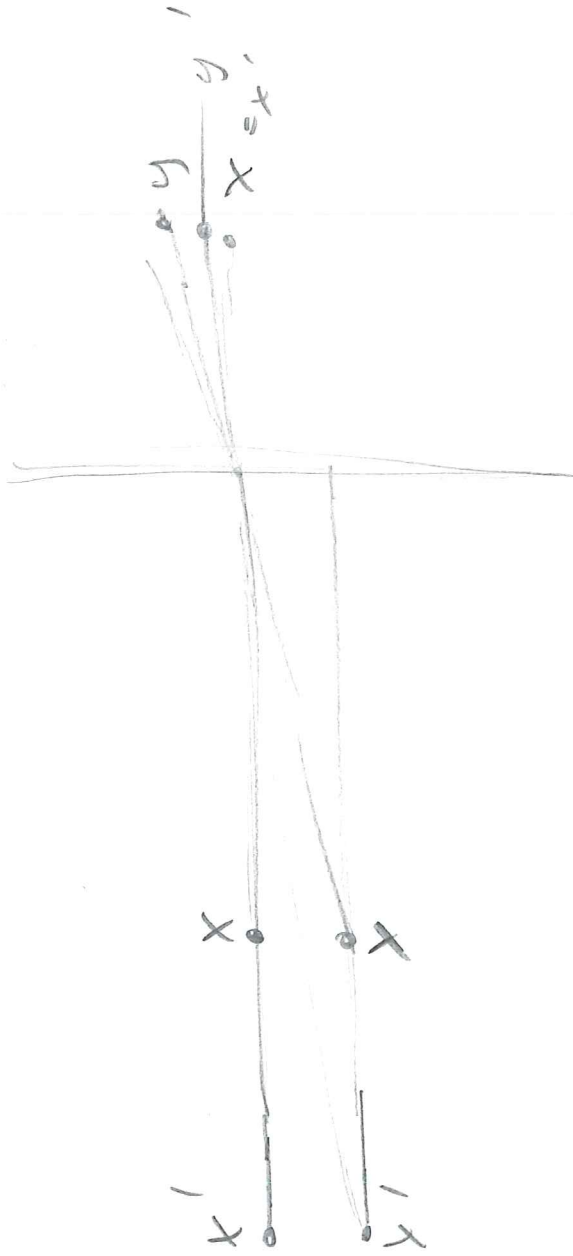
$$\frac{z}{x} = \frac{z'}{x'}$$
$$\frac{f}{x} = \frac{z' - f}{x'}$$

# PINHOLE MODEL

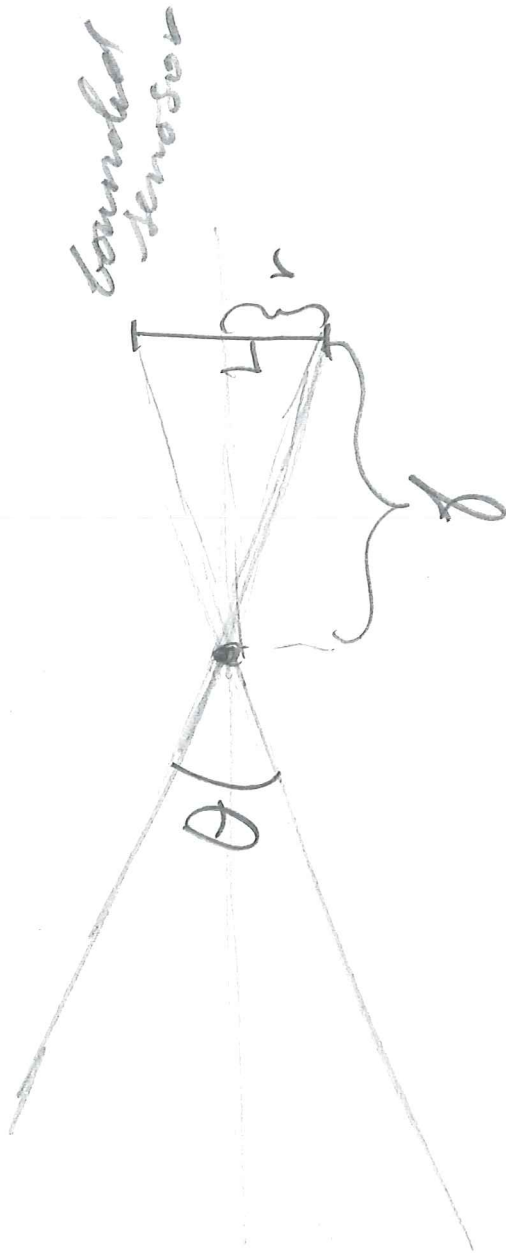


$$\frac{z}{x} = \frac{f}{x}$$

# VANISHING POINT



# FIELD OF VISION



$$\theta = 2 \arctan \frac{r}{f}$$