distancia focal = 35 mm.

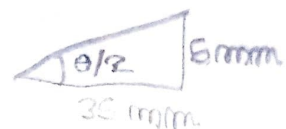CCD = 10 mm. 10 mm.

1 MPixel

1 m. dist
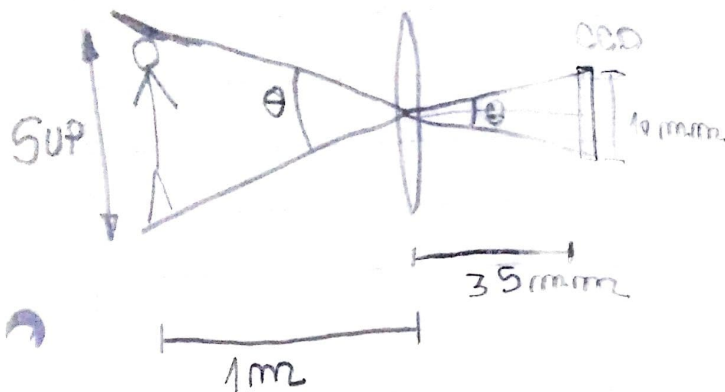


$\theta$ = ÁNGULO = $2 \cdot \left( Tg^{-1}\left( \frac{5}{35} \right) \right) = 16,26020$

SUPERFICIE = $2 \cdot 1 m \cdot Tg\left( \theta/2 \right) = 0,2857 m$

1 MPixel = 1000 × 1000 Pixel

dist_Pixel = $\dfrac{10 mm}{1000} \cdot \dfrac{0,2857 m}{10 mm} = 0,2878 mm$