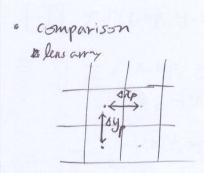
$$H(u) = H(Ms) = \int P_{s, +}(x_p) \exp(-j2\pi bx_p s) dx_p$$

$$M = -\frac{2f}{\ell}, \quad b = \frac{2}{4\ell}, \quad 0 = \frac{S}{\ell}, \quad \Delta u = M\Delta s = \Delta s = \frac{2f}{\ell} = 2f \times 0$$

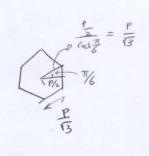
$$2Lu = 2MS_{max} = 4H0_{max}$$



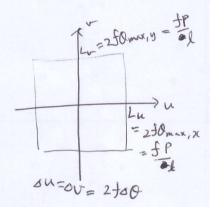
$$\Delta x_p = \Delta y_p = P$$

s.

$$\Delta \chi_p = P$$
, $\Delta \chi_p = \frac{\sqrt{3}}{2}P$



generated hologram

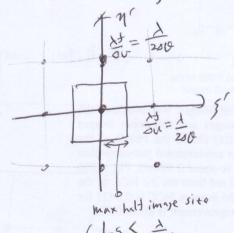


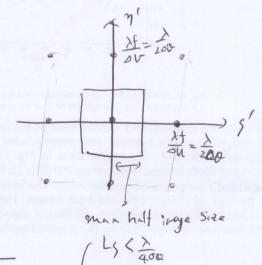
Vs.
$$\frac{2 + P}{2 + 13}$$

$$Lu = 2 + R m_{\text{max}, 1} = \frac{4 + P}{13}$$

$$SU = 0 = 2 + R m_{\text{max}, 2} = \frac{4 + P}{13}$$

· reconstruction image size





$$= \left(\begin{array}{c} L_{5} < \frac{\lambda}{400} \\ L_{m} \left(\begin{array}{c} \lambda \\ 400 \end{array}\right) \end{array}\right)$$

1 sportial trejuncy 1. samply in orthographic image generation (rectangle Sampling grid = \[\lambda \tau_n \lambda \lam sampling ogrid = I (x-maxp, y-noyp) = If (x-mp, y-np) $= \sum \int (x - \frac{m}{2}) \int (\sqrt{3}x - y + m\sqrt{3}p)$ TT [= 1 (x- mp) 5 (13x-y+ n13p)] FT(ZJ (1-mp, y-np)) = I I I (x- =) ((3x-y+n/3p) - e-17(tx)+ty) /2dy = \ \ \frac{1}{2} \ F(1/-mp, y-np) & $x e^{-j2\pi (f_x x + f_x y)} dxdy$ = In e-327 (2tx + ty (3mp+13mp)) = Ze-jan (= to + = to b) m + 13 pm to j ∑ √ (fy - \frac{n}{13p}) √ (\frac{1}{2}t_1 + \frac{13p}{2}t_5 - m) $= \sum_{m,n} \Gamma(t_{\chi} - \frac{m}{p}, t_{y} - \frac{n}{p})$ 2. Frequency cut off by finite hologram area