Finding Poots

$$Z + a = 0 = 7$$
 $Z' = -a = |a|e$ 
 $Z_{k} = |a|e$ 
('In)  $ij((2k+1)\pi)/n$  where  $k=0,1,2$ 

$$\left| \overrightarrow{z} \right| = \sqrt{x^2 + y^2}$$

$$2v = (x_p - y_q) + j(x_q + y_p)$$

## For Accelerometer

$$a_0 = \frac{\sqrt{cc}}{2}$$

sunsitivity = 
$$\frac{Vce}{a_{swing}} \left[ \frac{V}{g} \right]$$

$$\alpha_x = \alpha_0 + 5 \cos \theta - \frac{\alpha_x}{\alpha_y}$$

## Geometric Series

$$\sum_{k=1}^{N} a_k r^k = a \cdot \frac{1-r^n}{1-r^n}$$

## Analog

$$V_{x} = V_{0} + \frac{2^{n} - 1 \text{ bits.}}{aswing}$$