Hough Transform line detection Circle detection

Line Detection عجزانساء وكراندار

3 = m(2) + C 3 = 2 + C  $-\infty / M_{4} \infty$ 

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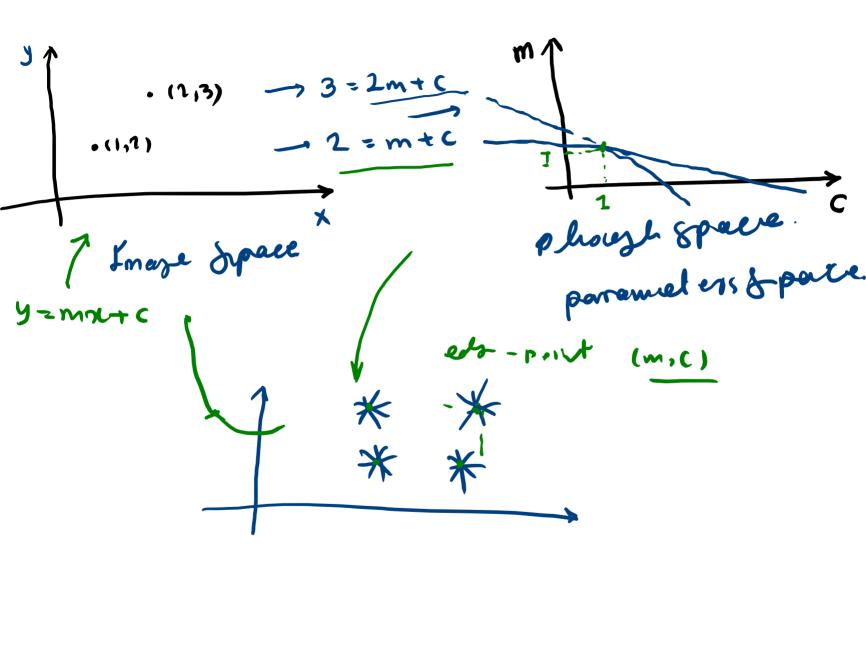
3 = 2m + C 2 = m + C 1 = 2  $m_1 = 2m + C$   $m_2 = 2m + 1$  c = 1

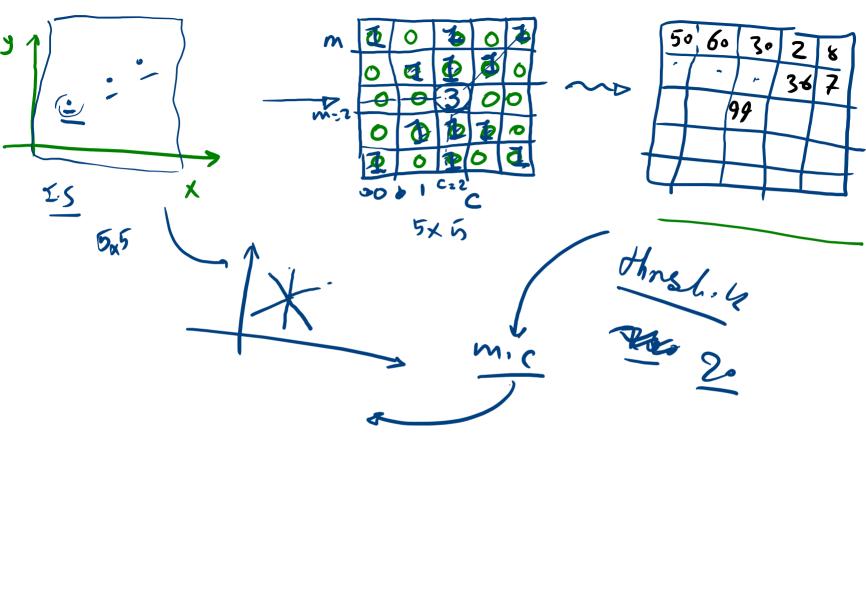
$$3 = 2 m + c$$

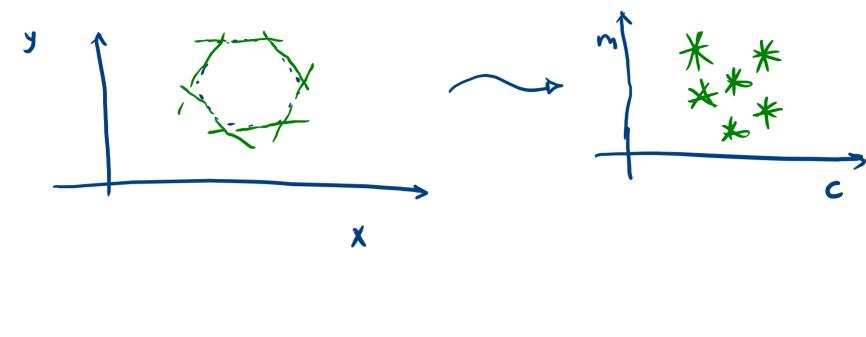
$$1 = m + c$$

$$1 = 3 m + c$$

$$7 = 6 m + c$$

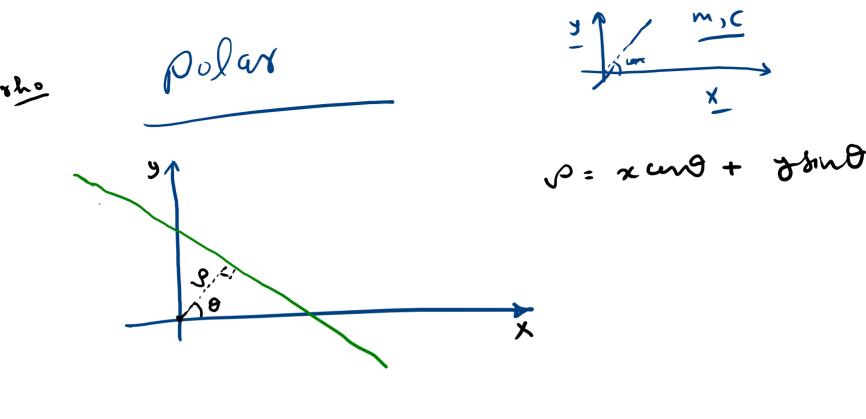


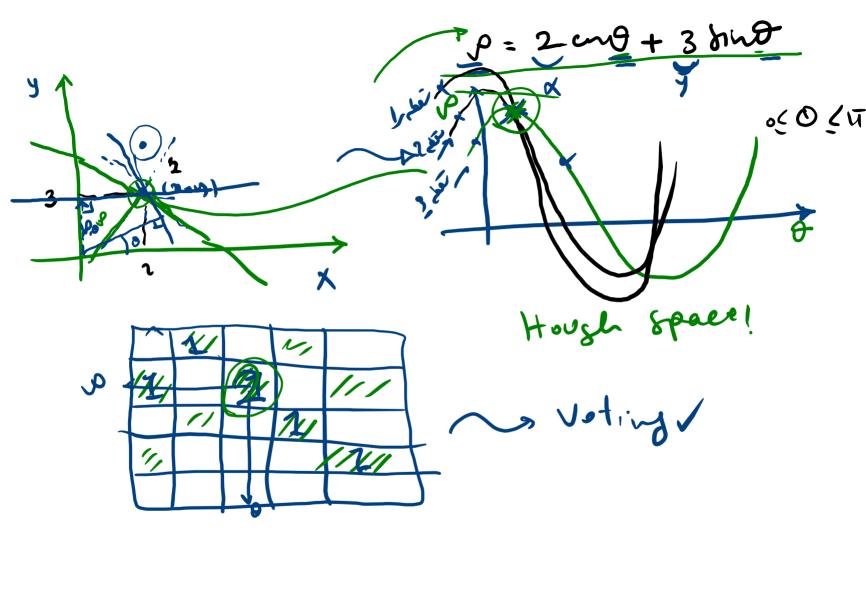




$$y = mx + c \frac{y_1 - y_1}{m_2 - m_1}$$

$$m = \frac{m^2 - m_2}{\sigma}$$





Circle Detention

