Finding Shapes if. thrisholding - useless - reads shope.

ii) template matching.

argmax(acam).

accom y = \(\frac{\template}{P} = T \)

template make accompletor points terpleta incorp. accumulator Use Fornier. templetes are often large, => operations spatial frequercy F(F(P), x F(t) invert template convolution F(F(P),XF(-T) correlation/retaking no inversion inverted templete C Padding a podded. position invariant Templete Mctal. rotati - scale template as

üi). Hough transform. ap. lines y= mx + c paints x, y gradient a intercept c points (m, g) gradient -x " y. 9V .1 2 .3 V .3 12 accompletor 2 miles of 2 vot meye pseudo code IF edge (x,y) > threshold & YME Mmin, MMAX EC= -xm +y
accumulator (m, c) PLUS 13}
accumulator (m, c) PLUS 13}
afterwards arguax (accumulator) gives

probler mos do iV). charge the equation use polar ~ Cos6 + y Si-0=P tost of normal parameterization -9020 7 50 no problems 02P 252) with \$ VJ. Sneed? templete nothing (spetial) = O(N2×m2) Hoogh transfor = 0 (no of objects)

speed Hosph >> templete netches.

Let properties are the same