4 Point Operators 85-98 y. incg is described by a histogram if westert a new image by mapping in least points in new points in old to points in new $N_{x,y} = f(0_{x,y})$ es. = - \$0 x, y = gx Ox,y + offset = log (Onyg) (rightnession ii) intersity normalisation allows frince compaison Omir Omax 255 Shift minimum a stretch stretch by 255 Onax-Onin Naiy = Oxy - Omin) x stretch.

Wil. histogram equalisation ain for a 'Hat' histogram good for human vision good for Display only itis northear for NXW inch # points in new mage = # pouts in do inge up to level q = un up to level p = { O(V). N(l) lovel = l=0 1 gray level & Hat histogram 1255 \$2 (N(A) = 9× 3255 5

2 N(V) = 9× 255 = 2=0(CV) 9=255×50(h). ques an equalising function N=x,y=E(q,0(x,y))

iv/ thresholding.

set points above chosen whe to white, everything else to Hach. optimal sersions exist.