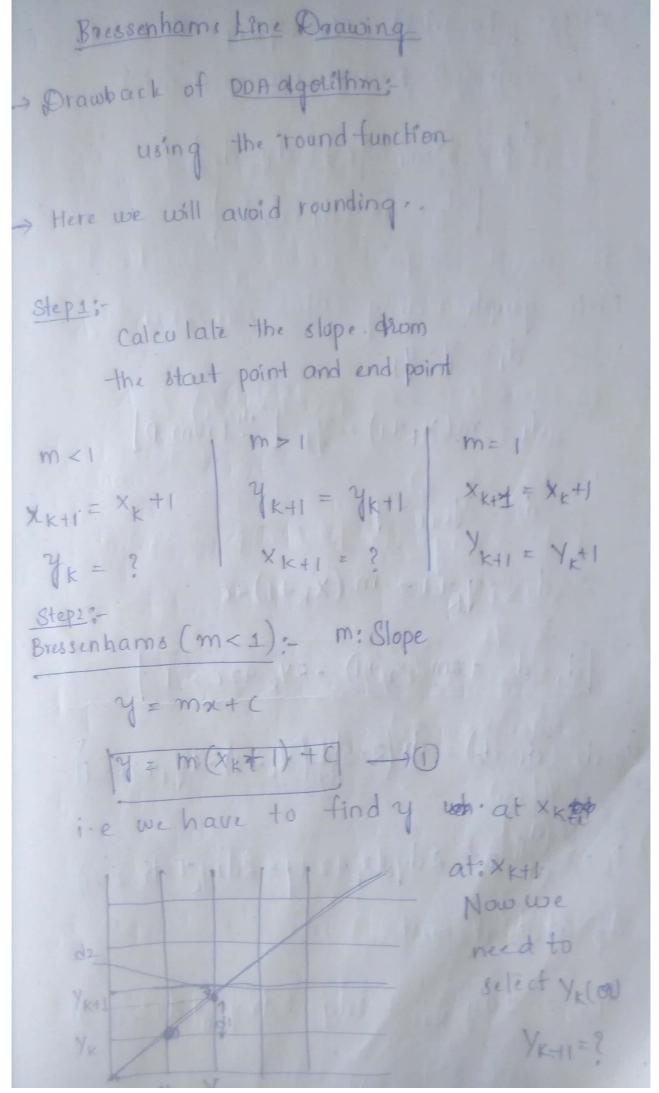


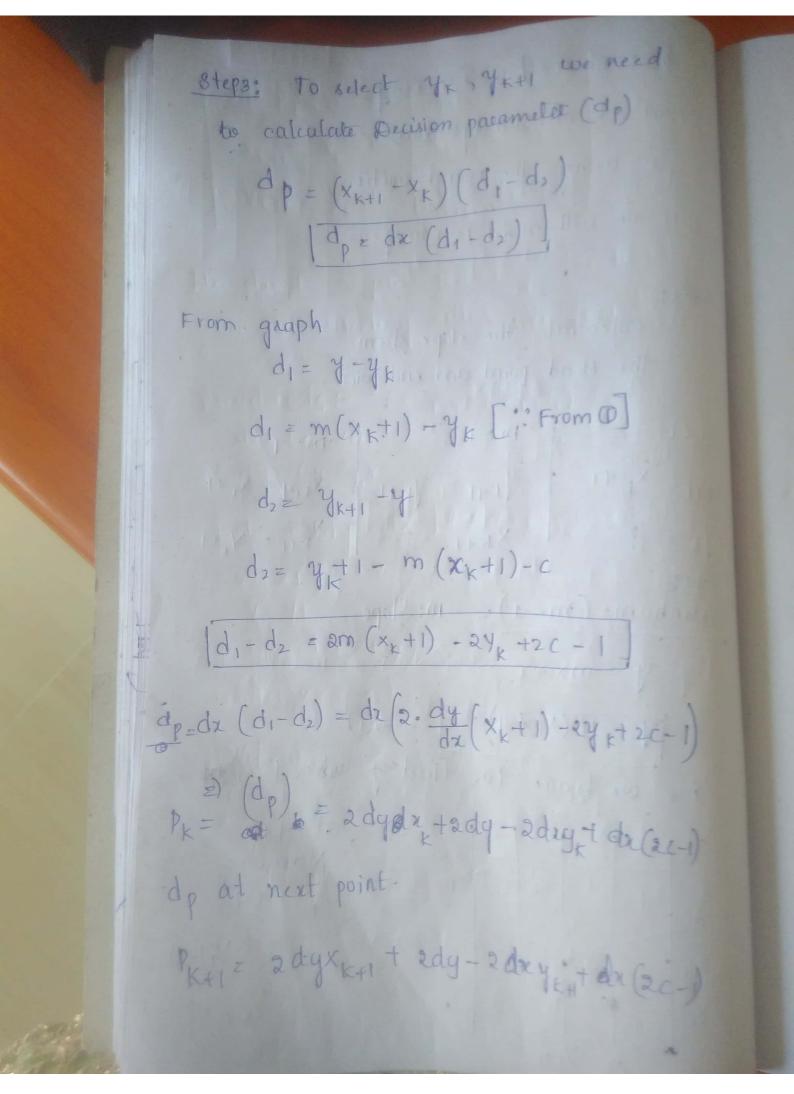
Scanned by CamScanner

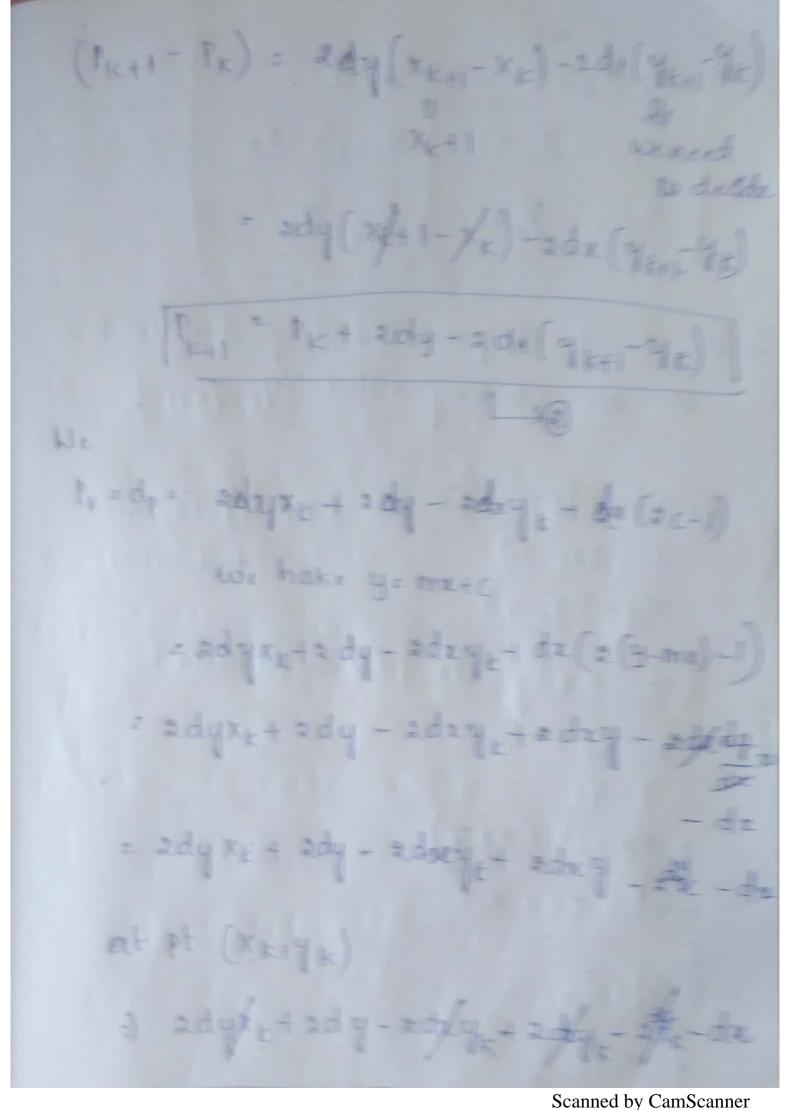
E' coordinates (xp+2, xp) SE' cordinates (xp+2, Yp-1) dnew = (xp+2)2+(yp)-82+(xp+2)2+(yp-1)2 = 9+8xp-2yp. The state of the s 1= dnew-d A = 6+ 4×p dnew = A+d dnew = 6+4*xp+d] When east gets relected Thy For SE got selected previously next pixel to be selected is Id= = d+ 4* (xp-4p)+10.]

Bressenhams Land Drowing Algorithm Pseudo code :-2=0, y=r, decn paiametre = 3-28 putpixel (x, y) while (4 72) do It (dxo) dzd+ 4*x+6 else May May d= d+ 4(x-y) +19; y--; end. put pixel (n,4) end while This is when centre (0,0) when centre is (24, 4c) } putpirel (2 +x = 14+49),



Scanned by CamScanner





PKO A PIZO XK+12 XK+1 XK+1 = XK YKHIZ XKHI XXX YK . He donot require rounding function box we are selecting either (4K, 4K+1) Pseudocode: - (GR FOI (X1) Y1), (X2, X2) dy= (y2-4) to draw line de 2 xdy - dx] / Dein parameter) X = X 1 putpixel (xo,x) while (x <= x2) 3 (d(0) x = x+1; @ d= d+2*(dg) 4. else 3 x = x+1; (dy-dz); }

Dons- Pseudocode -> coordinates (x, y/1), (x, ,4,) For this coordinates of use want to drow a line . 3 lope m= 1/2 - 41 1/2 - X1 7= ×1 , 4= 4 while (4 == 4 11 x = 42) put pinel (round (x), round (y)) 92 9/41 y= 4+m