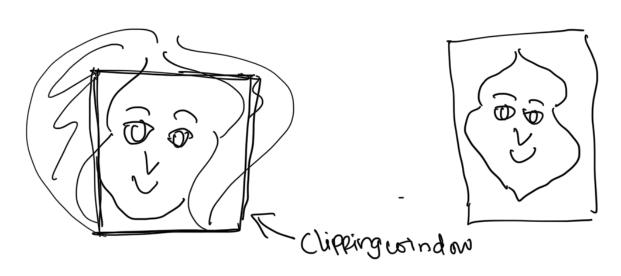
CSF 423 Week 3

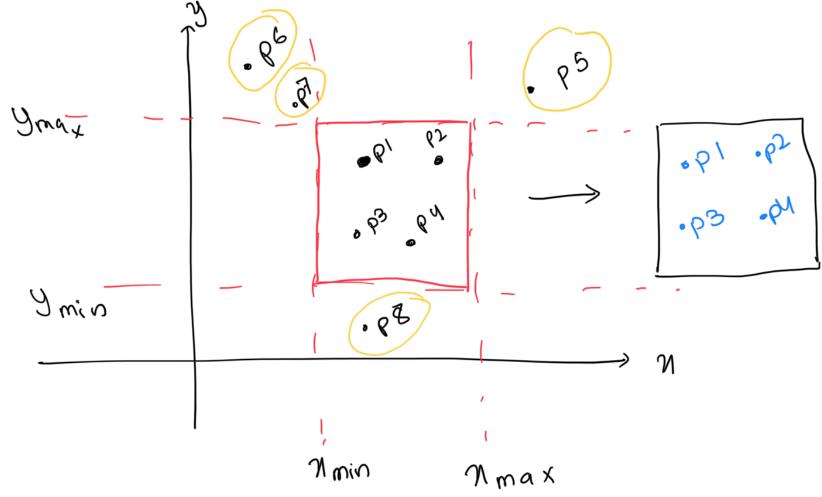


discooling

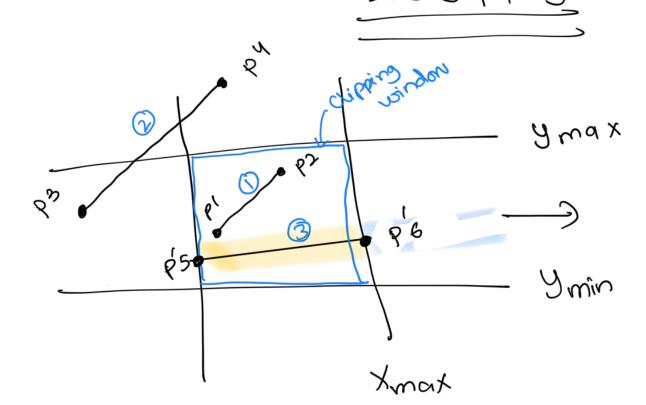
Apoint (n,g) is not clipped is:

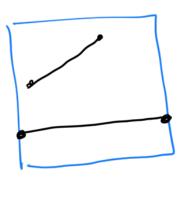
-> Xmin < n < Xmax AND

>> Ymin < y < ymax



Line clipping





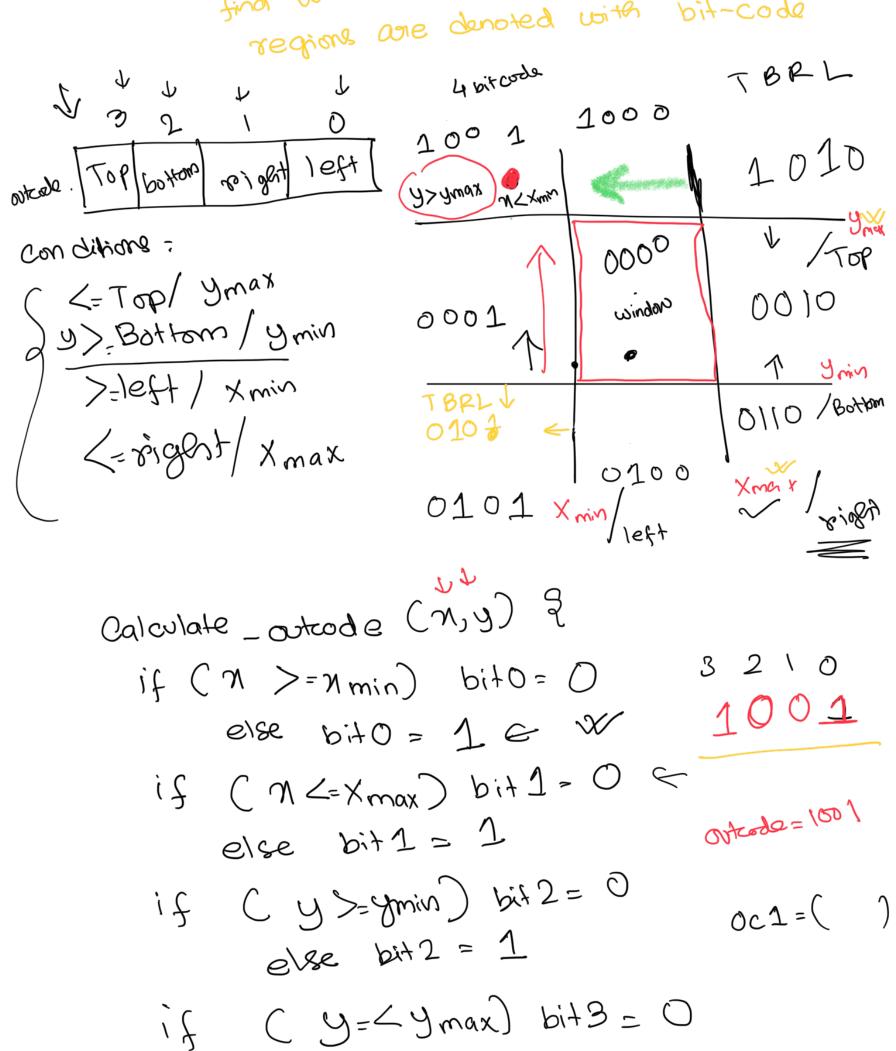
Xmin

3 Cases:

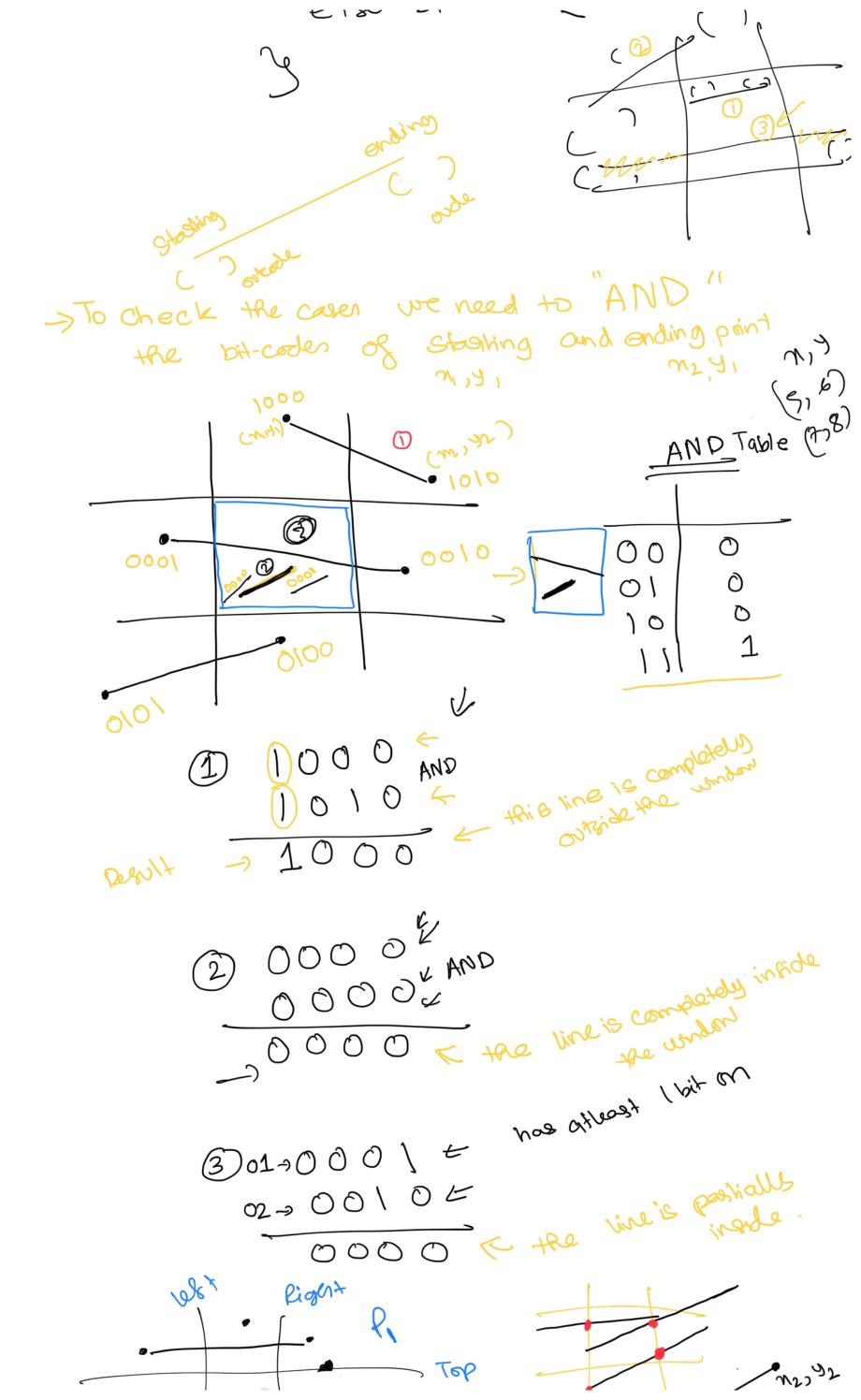
- 1 line Completely inside
- ine completely outside
- (3) line positially inside

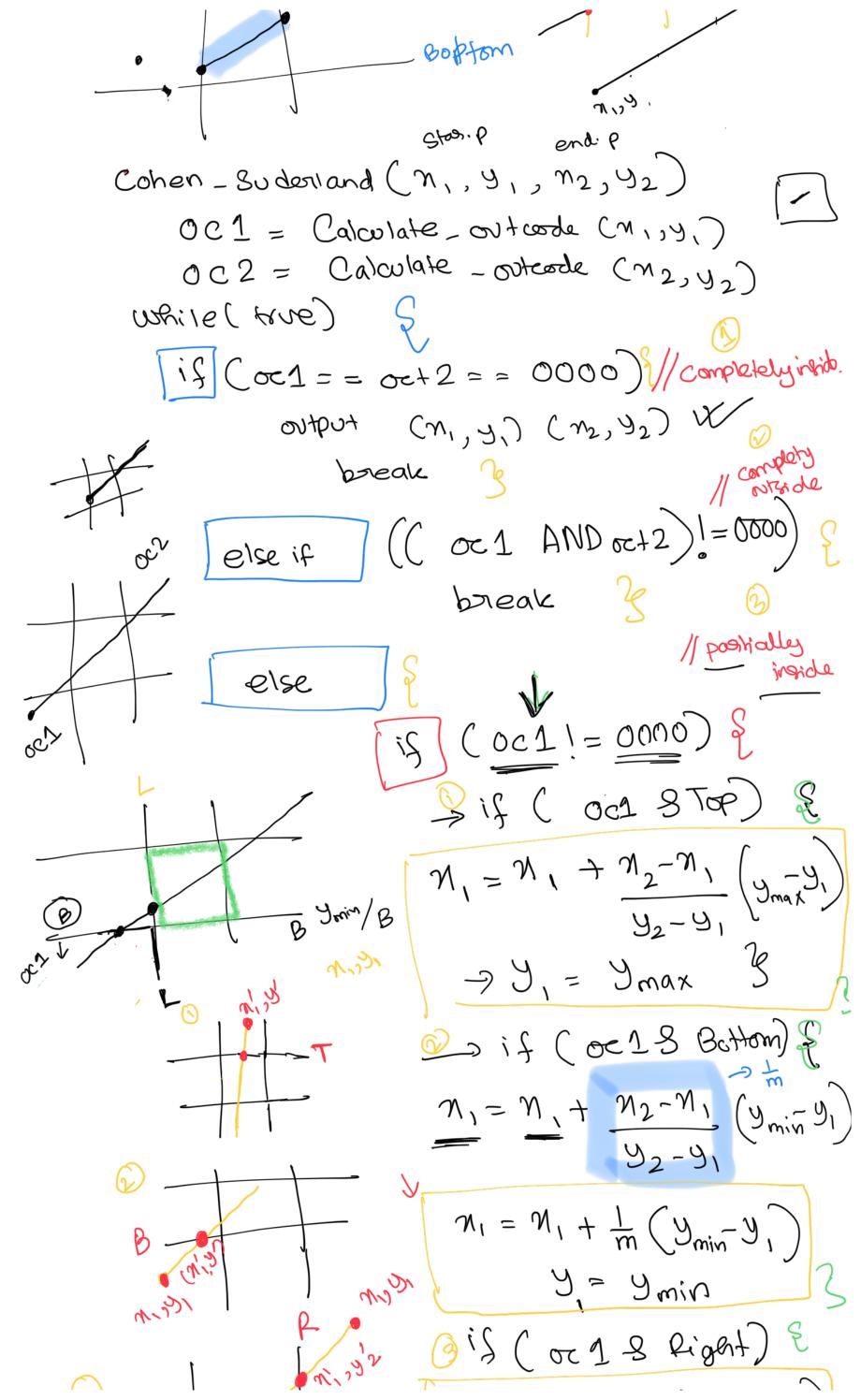
Firestwar le

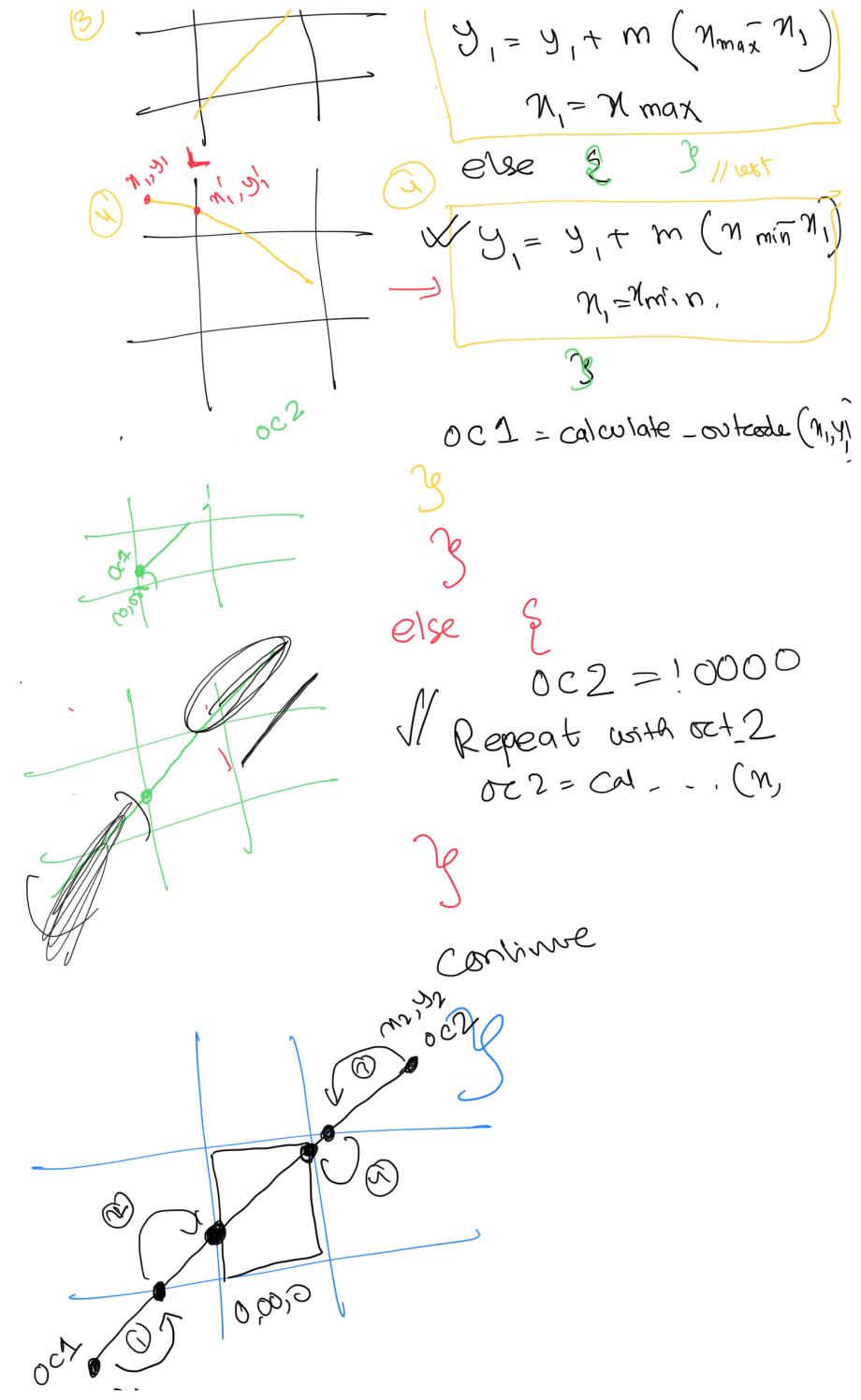
find where the coverdinates one githerted regions are denoted with bit-code



0100 bit 3 = 1







And the state of t

Mmax Smax Example Nain Durin (300, 200). Cuo brico (-250, 20) to (250, -200)7/2 , 92 M, , 91 points $N_1 = 250$, $y_1 = 200$, $N_2 = 250$, $y_2 = -200$ 200 //outcode calculation oct 1 =0001 AND 0001 oct 5 = 0/0 0 0/00 00004 (250, 200°) Pools ally inside

 $\eta_{1} = \eta_{min}$ $\eta_{1} = 250, \quad 9_{1} = 200$ $\theta_{1} = 9, + m \left(\eta_{min} - \eta_{1} \right) \quad \eta_{2} = 250$ $\theta_{2} = 200 + -200 - (208)$ $\theta_{3} = 200$ $\theta_{4} = 200$ $\theta_{5} = 200$ $\theta_{7} = 200$