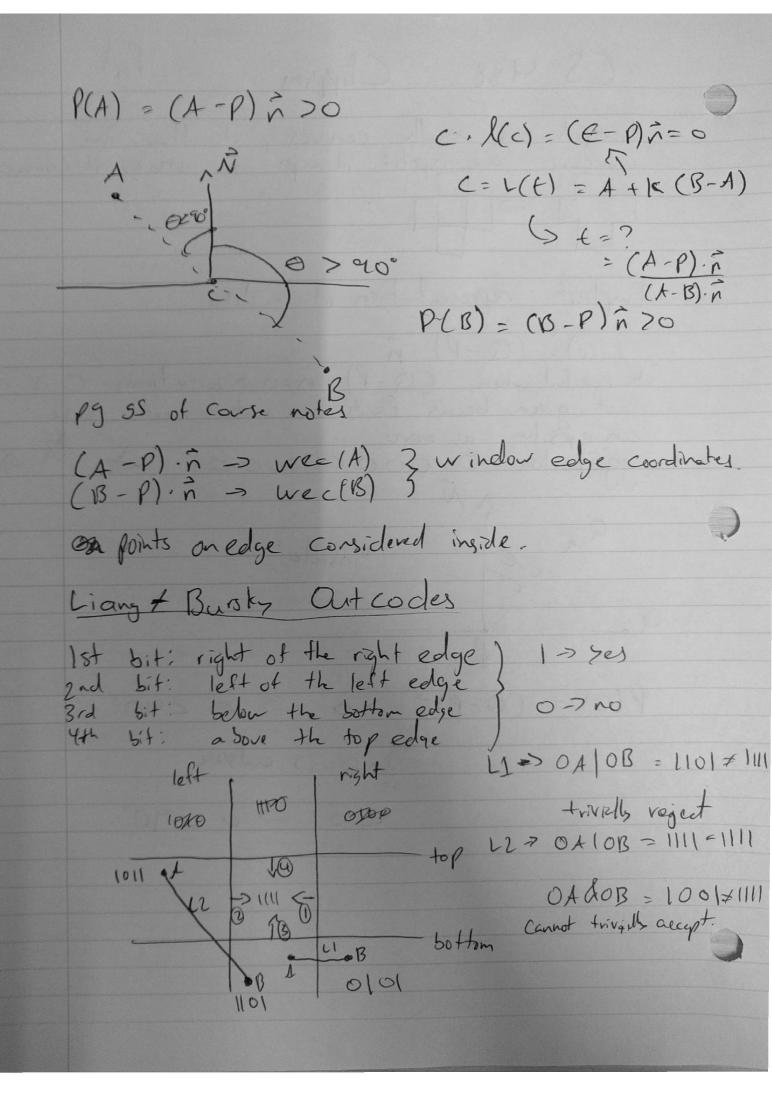
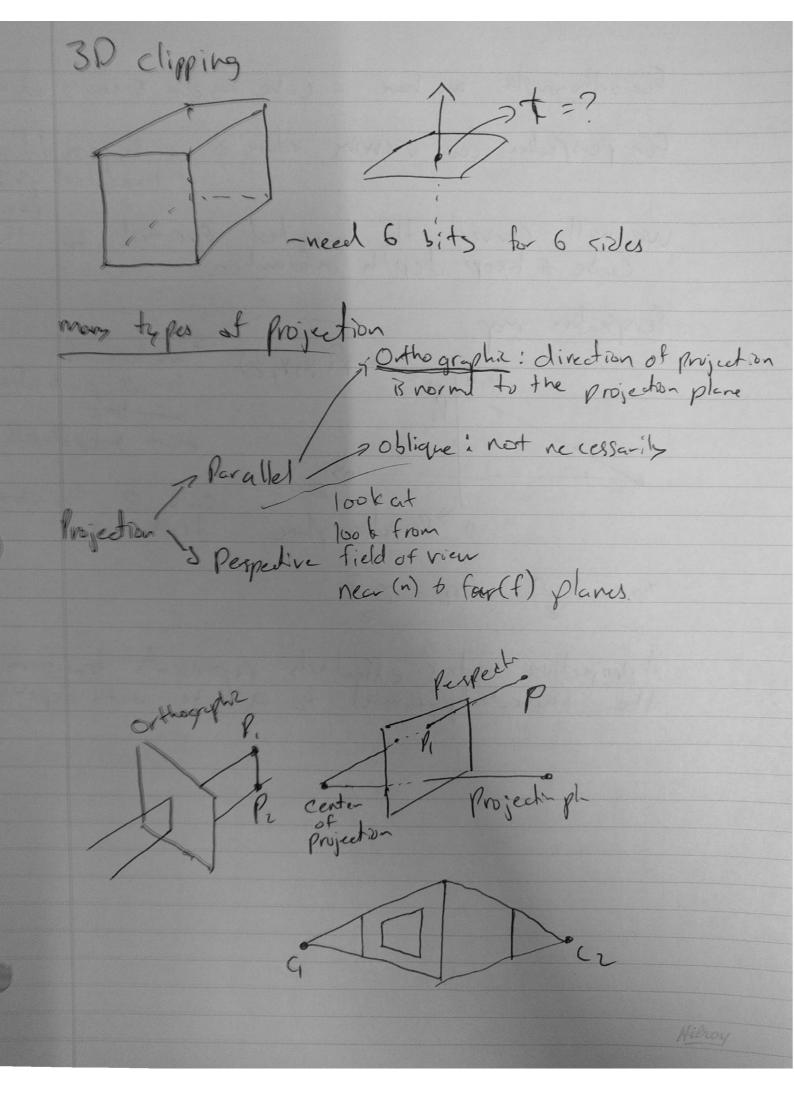
Pg) CS 488 Clippins Viewpot are wells convex, if they are Concare we split it up to make it convex. 了 > 山 Implicit representation of a line: l(a) = (Q-P) · n be careful when (Q-P) · n=0 > sometimes 0 is not given becas floats are not excet. Use an epsilon as zero.

ggEpsilon = 0.000000001 "inside" = (0-P) ~ >0 -> 0 <90° · Q is outside <0 -> 0 > 90°





For othographs we have a cube as our viewing volume For perspedue on viewing volume is a trapazoidal prim?

truncated prim.

Percue

we will convert the truncated pyramid to the

cube o keep depth information Perspective map

*PITES POSETION plane we lose info for all points alons line ase tims must keep depth calc Z' to store depth info. $x_p = x \cdot y$ $y = y \cdot y$ A projection matrix effectively represents transforming the truncated pyramid to a case with depth info.