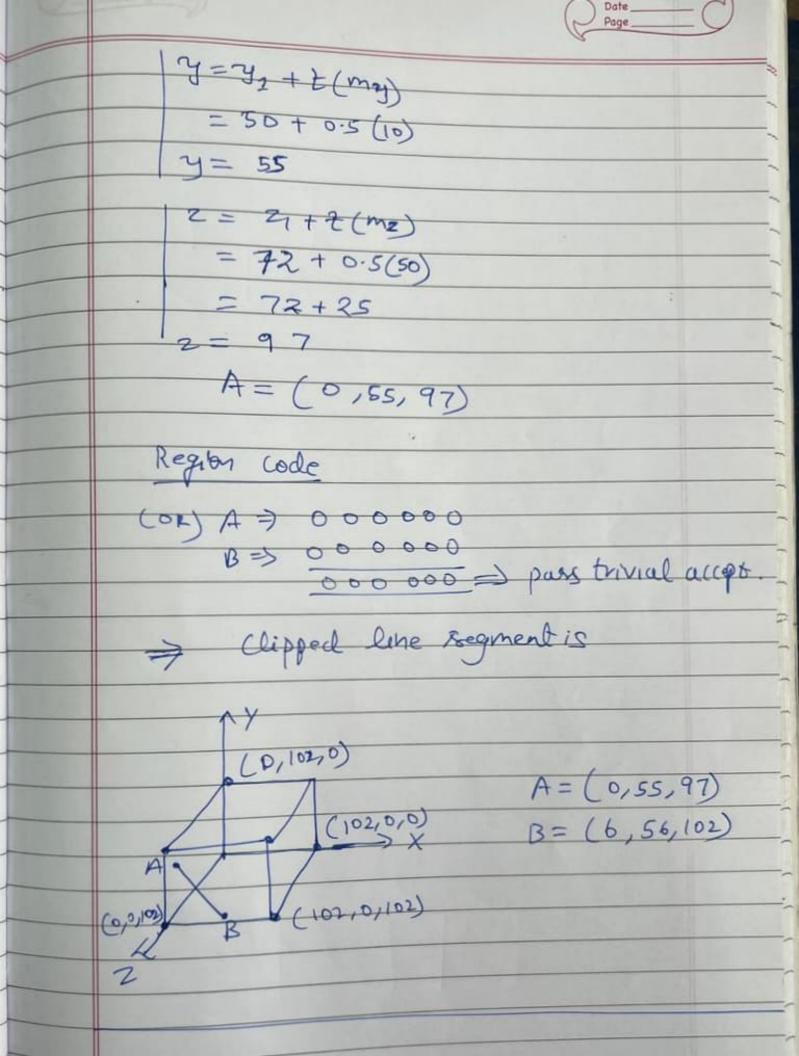


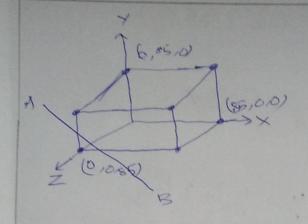
for 2 axis

region code for B 
$$\Rightarrow$$
 100 000

 $t = 2max^{-2}$ ;

 $m_2$ 
 $m_$ 





Let like segment possing Hrough 2 planes be A (-30,50,72) B (30,60,122)

Region codes

A = 0 00000 1 B = 1 00000 FBTBRL

Trivial Accept

(OR) (A) 000001

(B) 100000 ) jost ls

Torvid Regent

(AND) (A) 000001

(B) 100000 -> fails

Stope  $m = \begin{bmatrix} 22 - 21 \\ 32 - 31 \end{bmatrix} = \begin{bmatrix} 60 \\ 10 \\ 80 \end{bmatrix}$ 

30 line equation [2] = [21] + + [my]

Joan 2-axis

segion code for B => 100000

$$t = \frac{2ma^{2}}{mz}; \quad 2ma = 85$$

$$\Rightarrow t = \frac{85-72}{50} = \frac{13}{50} = 0.26 \text{//}$$

$$\Rightarrow 2 = 2max = 85$$

$$2 = 2 + t (mx) = 50 + 0.26 (10)$$

$$= -30 + 15.6$$

$$2 = -14.4 = 52.6$$

$$2 = -14.4 = 52.6$$

$$\Rightarrow B = 625(-14.4, 52.6, 85)$$

For A point region code for A => 000001

$$t = \frac{2min - 21}{mx}; \quad x = xmin = 0$$

$$\Rightarrow t = 6 - (-30) = \frac{30}{60} = \frac{1}{2} = 0.5 \text{//}$$

$$\Rightarrow t = \frac{30}{60} = \frac{30}{60} = \frac{1}{2} = 0.5 \text{//}$$

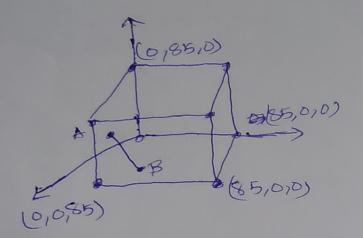
$$y = y_1 + t(my)$$
  $2 = 21 + t(mz)$   
= 50+0.5(10) = 72+25  
 $y = 55$   $12 = 97$ 

A= (0,55,97)

Pagram Lode OR) A > 600000 B > 000000

000000 + passes triveal accept

=> Clapped line segment ?s



$$A = (0,55,97)$$

$$B = (-14.4,52.6,85)$$