11. 14 \$ 1201 11



- ULTIMATE MATHEMATICS:

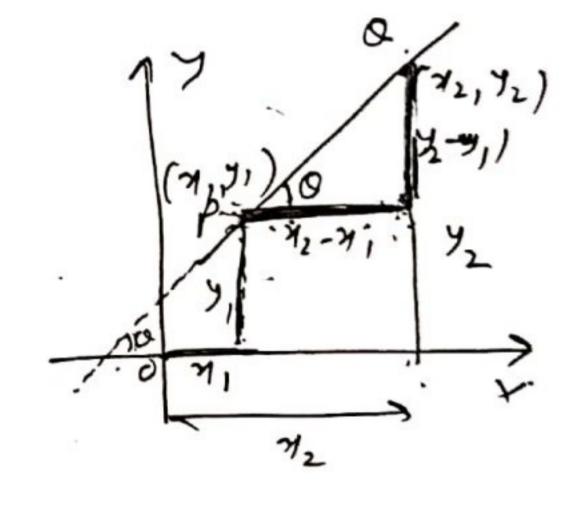
CHAPTER:

() general equatory aline: an+by + c=0 (lineau eyuation)

() r denoted by

$$m = \frac{y_2 - y_j}{y_2 - y_1}$$

find slippy line
$$m = \frac{2 - (-4)}{1 - 3} = \frac{6}{-2} = -3$$



eg 135° with +4 X-941.

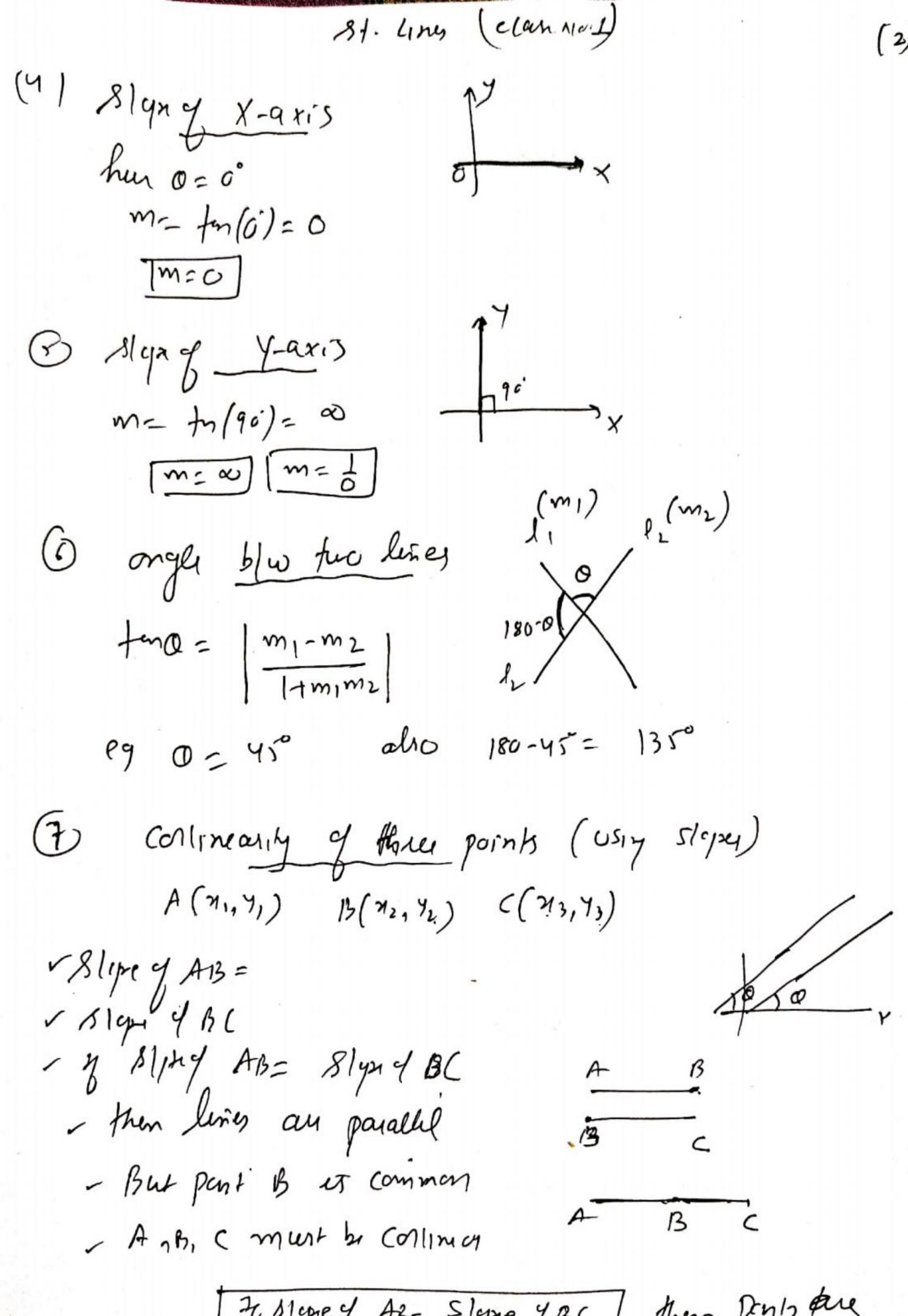
lur 2 x ty deursy

y X-axis

huy 0=135

m= - (oefficient y x) (when equahary line is

eg 37-4y-2=0 =m= -3/4



7 stope of AB= Stope yBC then pents the Collinear.

St. line (class No=1) purally condition I then mi=m2 1' Concution when two lives are per pen dicular then [m,m2 = -] (-re Ruipeacal) eg m, = -3. then m2 = 1/3 Different forms of equation of line (17, 7) J-7,= m(2-7) Pami (2,-3) 8/4/= -

