29/03/2019

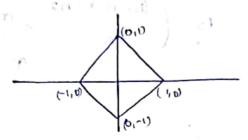
2-D GEOMETRY

(a, y) be a point then,

* distance from a - oai's, drong = 141

* distance from y-anis, dy-anis= 121.

* dy-onis + dr-onis = 1 => 1x1+1y1=1



Section Formula:

i Internal Division:

$$(0)0 = \frac{n-x_1}{p(\frac{m}{m+n})} AB = \frac{x_1-x_1}{ab}$$

$$(n+m)(\frac{x}{m}-x_1) - m(x_2-x_1) = 0.$$

$$\alpha = \frac{m_1 + n_2}{m_1 + n_2}$$

$$(\alpha, y) \equiv \left(\frac{m\alpha_1 + n\alpha_1}{m+n}, \frac{my_1 + ny_1}{m+n}\right)$$

(ii) Eaternal division:

Cax(i)
$$P(x,y). \qquad P(x,y). \qquad P(x,y).$$

$$\frac{my_2-ny_1}{m}$$

$$a,y = \left(\frac{ma_1 - nx_1}{m+n}, \frac{my_2 - ny_1}{m_1 + m_2}\right)$$

NOTO.

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the 2 As and but about pp'

