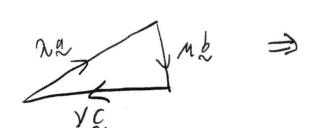
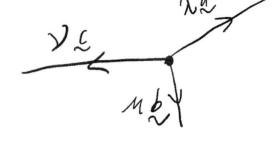
NEELU SARASWATIBHATLA (SRNS2)

A). Of b and & are coplanar. Let the page be the plant for ease of diagrams.

22+42+26=0 (A)

Thesefore the following diagrams can be drawn





Draw vectors in the same directions as & &, & to represent position vectors of collinear points:

$$5 = l_n k + m \times C \qquad (B)$$

$$t = k \lambda a + m \times C \qquad (C)$$

Since & and to are powalled (as these points are collinear)

S=nt, nER (D)

Substituting (B) and (c) into (D):

 $l_{M} k + m \mathcal{Y} \mathcal{L} = k_{N} \lambda_{Q} + m_{N} \mathcal{Y} \mathcal{L}$ $k_{N} \lambda_{Q} - l_{M} k = m \mathcal{Y} \mathcal{L} - m_{N} \mathcal{Y} \mathcal{L}$ $k_{N} \lambda_{Q} - l_{M} k = (1-n) m \mathcal{Y} \mathcal{L}$

why are you supporting s and t //?

Walley

(A) can be scarranged into:

(A')

(E)