Spic X F = M Spic xã Spic XF = d HPIC dt n I find Here to satisfy this eq" OPTIONS: (a) HPIC = Steric' x VProm (c' is a stationary point coinciding with Cat some time (b) HP/c = Spic X VP/c m (c) HP/c = Spic X VP/c m Tay (a): H/c = md (dp-sci) x (Vp-vc) = m (xp-xc') x (ap - ac') + m (vp - ve) x (vp - ve') = M Apic' X ap = Good guess & Hic for stationary C. Try (c) Hic = md ((xq - xi) x (vp - vi)) = m (xp-xc) x (ap-ac) + m (vp-vc) x (vp-vc) = m sprc x ap - msprc x ac This is a good guess for Apric x ac = 0 > ai = 0 > ac along sire -) PA (coincide Try (b) Fic = md [(sp-si) x (vp - vo)] = m (xp-xi) x (ap-qo) + m (vp-vi) x (vp-yo) · m spic x ap + m vc x vp This is a good guess for VCXVP=0 $\rightarrow |Vc|=0$ or |VP|=0-> Ve and vip are along the Same line