Solutions: 21-5-3,4-MK-02, pg M= 11 kg h= 3 m a= (0,0;3) 6 = (3,4,4) C= (-6,-3,6) d= (4,-3,4) AB=(3,4,1) AD= (4, -3, 1) IABI = J32+42+12 = J26 = 5.10 m IACI = J-62+(3)2+32 = 356 = 7.35 M IADI = 142+(3)2+12 = 126 = 5,10m MAB = 0.588 2 + 0.784 ] + 0.196 R MAC = -0.816î - 0.408î + 0.408 k MAD = 0,7842 - 0,588; + 0,196 k SFx = 0.588 FAB - GE16 FAC + 0.784 FAD =0 Efy = 0.784 fps -0.408 fpc -0.588 Fpo =0 System solver Ef = 0.196 far + Q.408FAC + a196 FAD = (11 hg)(9.81~/g) FAB = 137.6 N fAC = 165.3 N FAD = 68.8 N

FIVE STAR.