Solutions: 21-5-4,9-MK-07 EKN/m 1.5m EKNIL (EKN/m/4m) = 32KN/ = /E&F = 16 KN AB P= (4.3m) (61.N/m)(2) = 17.2 KN @ 2.87 m B &Mx = - (17.2 KN)(2187m) + By (4.3) & By = 11, 48.KN EF= A+B-17.2 > A=17.2-11.48 (A=5.72 L'N BE 16KN 11.48KN EM = == (1148KN)(1.5m) - (8KN)(1.5+1.5+2m)(1.511.5+2m - 1.5) - (16KN)(1.5+2) + D(1.5) $D = \frac{(8 \text{kN})(5 \text{m})(1 \text{m}) + (16)(3.5) - (11.48)(1.5)}{1.5} = \frac{52.52 \text{ kN}}{1.5}$ EF= C+52,52-11,48-16-8(5) > (C= 14,96 km)