Solution: 21-5-3,3-MK-001

A Given: TAB = 300N 0 = 10° 0=10° $T_{ABX} = \frac{4}{5}(300 N) = 240 N$ $T_{ABY} = \frac{3}{5}(300 N) = 180 N$ $T_{BC_X} = T_{BB_X} = 240 N$ tan (0) = Gp > Gp = Tocy = (240N)(ton 10°) = 42.3 N D= 7 ABy + 7 BG = 180N + 42.3N = 222,32 N D = ZZZ, 318N = ZZ. 66 kg D= 22.7 kg