

803-11e

$$M_{CBg} = -570 \times 7,00^2 \times \frac{1}{12} = \underline{\underline{-2330 \text{ Kgm}}}$$

$$M_{CDq} = 870 \times 5,50^2 \times \frac{1}{12} + \frac{1230 \times 1,0^2}{12 \times 5,5^2} \times [2 \times 5,5^2 + 4(5,5 - 1,0)^2 - 1,0^2] + \frac{350 \times 2,40^3}{12 \times 5,5^2} (4 \times 5,5 - 3 \times 2,4) = \underline{\underline{2857 \text{ Kgm}}}$$

$$M_{CDg} = 570 \times 5,5^2 \times \frac{1}{12} + \frac{500 \times 2,40^3}{12 \times 5,5^2} (4 \times 5,5 - 3 \times 2,4) = \underline{\underline{1721 \text{ Kgm}}}$$

$$M_{DCq} = -870 \times 5,50^2 \times \frac{1}{12} - \frac{1230 \times 1,0^3}{12 \times 5,5^2} (4 \times 5,5 - 3 \times 1,0) - \frac{350 \times 2,40^2}{12 \times 5,5} [2(2 \times 5,5 - 2,40)^2 - (2 \times 5,5^2 - 2,4^2)] = \underline{\underline{-2855 \text{ Kgm}}}$$

$$M_{DCg} = -570 \times 5,50^2 \times \frac{1}{12} - \frac{500 \times 2,40^2}{12 \times 5,5^2} [2(2 \times 5,5 - 2,4)^2 - (2 \times 5,5^2 - 2,4^2)] = \underline{\underline{-2084 \text{ Kgm}}}$$

$$M_{DEq} = 1220 \times 2,07^2 \times \frac{1}{8} = \underline{\underline{655 \text{ Kgm}}}$$

$$M_{DEg} = 1070 \times 2,07^2 \times \frac{1}{8} = \underline{\underline{575 \text{ Kgm}}}$$

