

$$M_{CBq} = -870 \times 7,0^2 \times \frac{1}{12} - \frac{630 \times 250^2}{12 \times 7,0^2} \times [2(2 \times 7,0 - 2,5)^2 - (2 \times 7,0^2 - 2,5^2)] = \underline{\underline{-4615 \text{ Kgm}}}$$

$$M_{CBg} = -570 \times 7,0^2 \times \frac{1}{12} = \underline{\underline{-2330 \text{ Kgm}}}$$

$$M_{CDq} = 870 \times 5,5^2 \times \frac{1}{12} + \frac{630 \times 1,0^2}{12 \times 5,5^2} \times [2 \times 5,5^2 + 4(5,5 - 1,0)^2 - 1,0^2] + \frac{150 \times 2,40^3}{12 \times 5,5^2} (4 \times 5,5 - 3 \times 2,4) = \underline{\underline{+2861 \text{ Kgm}}}$$

$$M_{CDg} = +570 \times 5,5^2 \times \frac{1}{12} + \frac{300 \times 2,4^3}{12 \times 5,5^2} \times (4 \times 5,5 - 3 \times 2,4) = \underline{\underline{+1610 \text{ Kgm}}}$$

$$M_{DCq} = - \left\{ 870 \times 5,5^2 \times \frac{1}{12} + \frac{630 \times 1,0^3}{12 \times 5,5^2} \times (4 \times 5,50 - 3 \times 1,0) + \frac{150 \times 2,40^2}{12 \times 5,5^2} [2(2 \times 5,5 - 2,4)^2 - (2 \times 5,5^2 - 2,4^2)] \right\} = \underline{\underline{-2460 \text{ Kgm}}}$$

$$M_{DCg} = - \left\{ 570 \times 5,5^2 \times \frac{1}{12} + \frac{300 \times 2,40^2}{12 \times 5,5^2} [2(2 \times 5,5 - 2,4)^2 - (2 \times 5,5^2 - 2,4^2)] \right\} = \underline{\underline{-2260 \text{ Kgm}}}$$

$$M_{DEq} = 1020 \times 2,07^2 \times \frac{1}{8} = \underline{\underline{+547 \text{ Kgm}}}$$

$$M_{DEg} = 870 \times 2,07^2 \times \frac{1}{8} = \underline{\underline{+468 \text{ Kgm}}}$$