

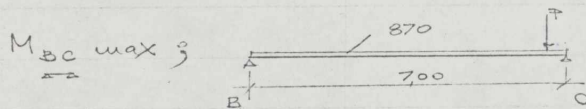
$$M_B \max = -3015 \text{ Kgm}$$

$$M_C \max = -3666 \text{ Kgm}$$

$$M_D \max = -1532 \text{ Kgm}$$

Veld momenten:

$$M_{AB} \max = 870 \times 2,77^2 \times 0,125 - \frac{1855}{2} = -107 \text{ Kgm}$$



$$R_c = 1080 \times \frac{6,70}{700} + 870 \times 3,50 = 4090 \text{ Kg}$$

$$4090 - 1080 - 870 \times X = 0 \quad ; \quad X = 346 \text{ m}$$

$$M_{BC} \max = 4090 \times 3,46 - 1080 \times 3,16 - 870 \times \frac{3,46^2}{2} =$$

$$M_{BC} \max = 5485 \text{ Kgm}$$

$$M_{BC} \max = 5485 - \frac{2940 + 3168}{2} = 1424 \text{ Kgm}$$

$$M_{CD} \max = 870 \times 5,5^2 \times 0,125 - \frac{2729 + 1486}{2} = 1183 \text{ Kgm}$$

$$M_{DE} \max = 870 \times 2,07^2 \times 0,125 - \frac{499}{2} = 217 \text{ Kgm}$$