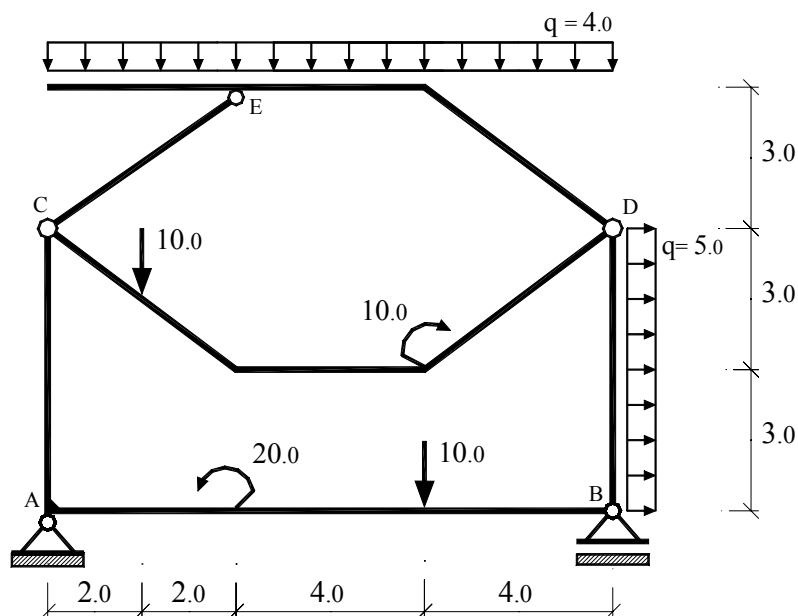
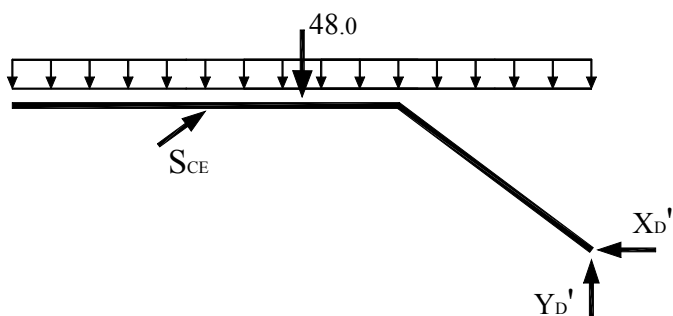


ГРУПА **A**

1.



део C - E - D

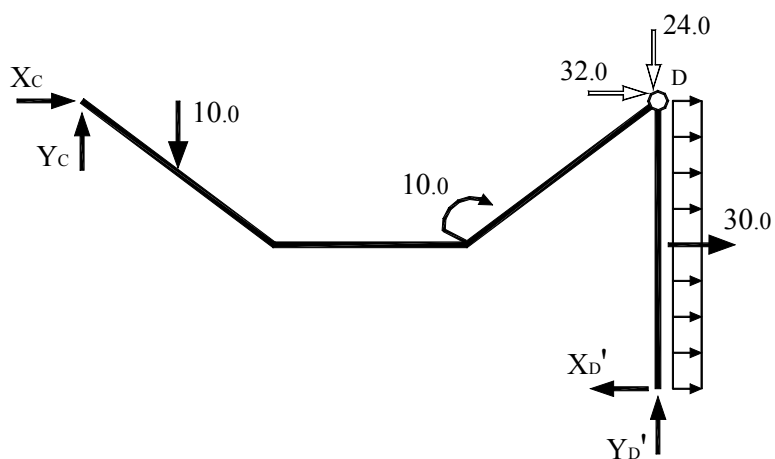


$$\sum M_D = 0 \Rightarrow S_{CE} = 40.0$$

$$\sum Y = 0 \Rightarrow Y_D' = 24.0$$

$$\sum X = 0 \Rightarrow X_D' = 32.0$$

део C - D - B



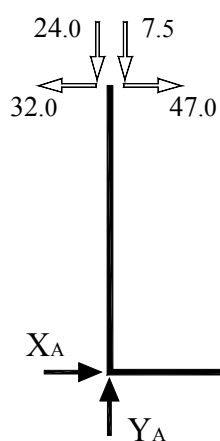
$$\sum M_D^{\text{доле}} = 0 \Rightarrow X_D' = 15.0$$

$$\sum X = 0 \Rightarrow X_C = -47.0$$

$$\sum M_D^{\text{лево}} = 0 \Rightarrow Y_C = 7.5$$

$$\sum Y = 0 \Rightarrow Y_D' = 26.5$$

део A - B

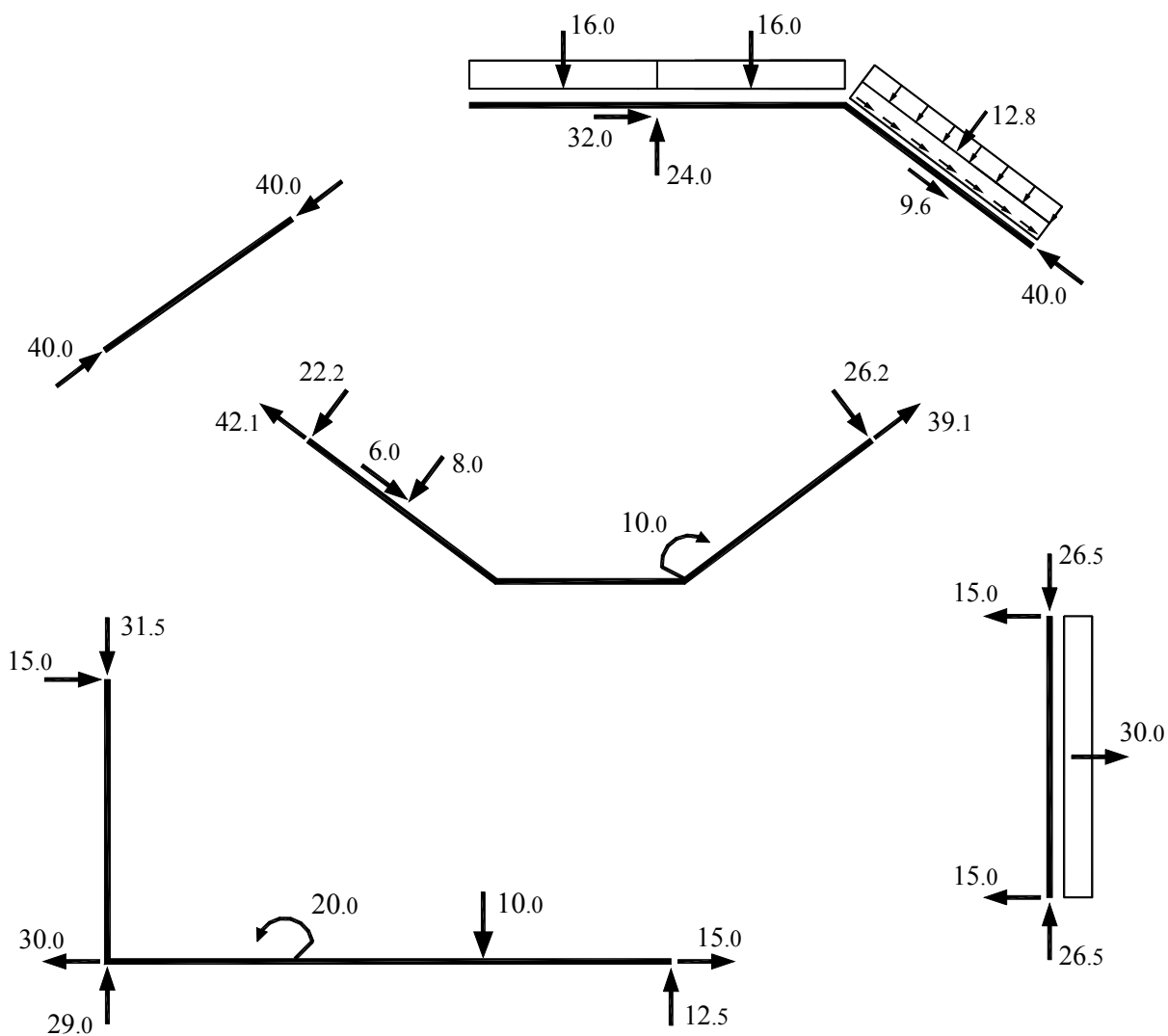


$$\sum M_B = 0 \Rightarrow Y_A = 29.0$$

$$\sum Y = 0 \Rightarrow Y_B = 39.0$$

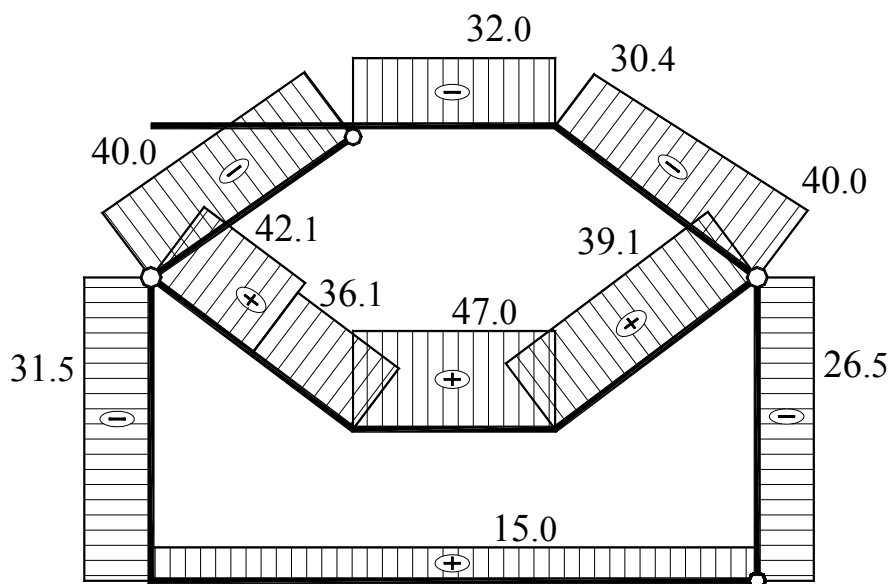
$$\sum X = 0 \Rightarrow X_B = -30.0$$

Стварни смерови сила и оптерећења на крајевима плоча

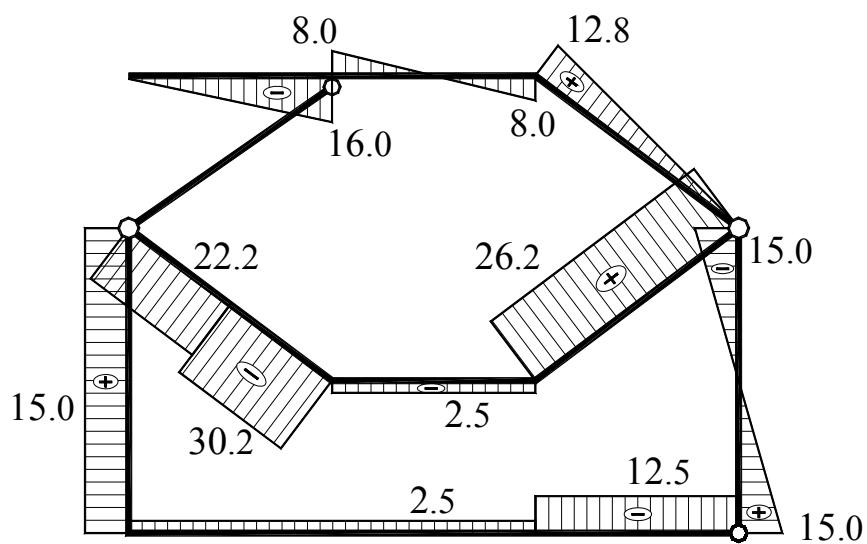


ДИЈАГРАМИ ПРЕСЕЧНИХ СИЛА

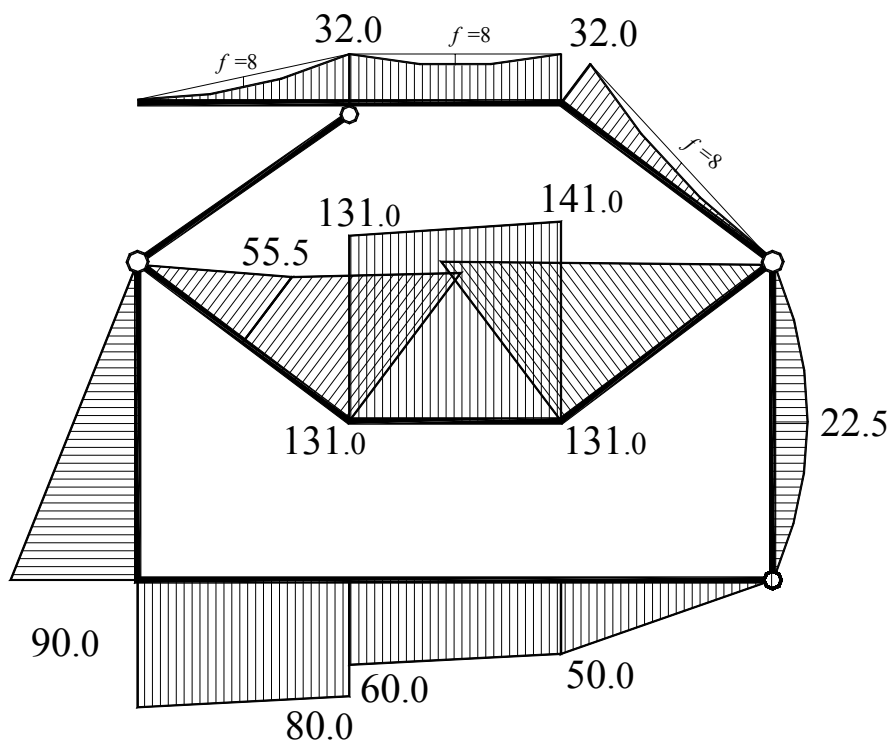
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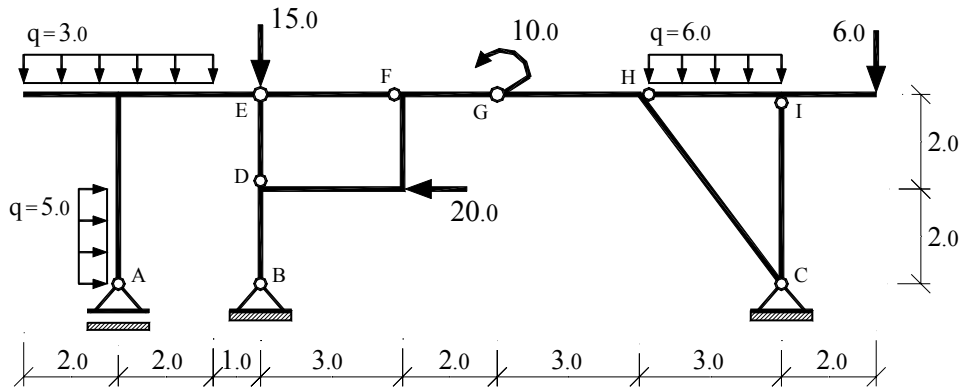
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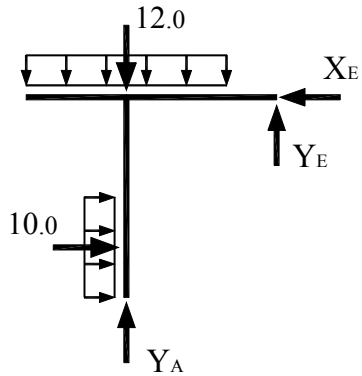
M



2.



део A - E

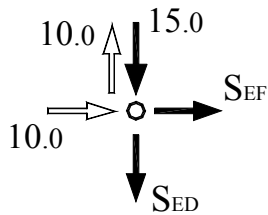


$$\sum M_E = 0 \Rightarrow Y_A = 22.0$$

$$\sum Y = 0 \Rightarrow Y_D = 10.0$$

$$\sum X = 0 \Rightarrow X_D = 10.0$$

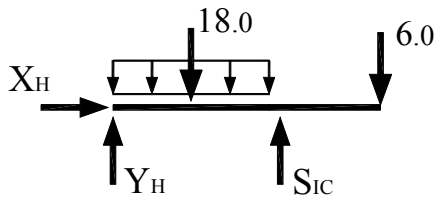
равнотежа чвора E



$$\sum X = 0 \Rightarrow S_{EF} = -10.0$$

$$\sum Y = 0 \Rightarrow S_{ED} = -5.0$$

део H - I - C

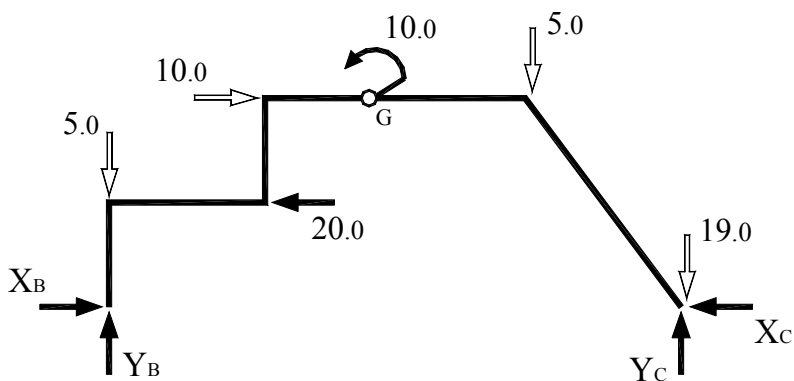


$$\sum M_H = 0 \Rightarrow S_{IC} = 19.0$$

$$\sum Y = 0 \Rightarrow Y_H = -5.0$$

$$\sum X = 0 \Rightarrow X_G = 0$$

део B - G - C



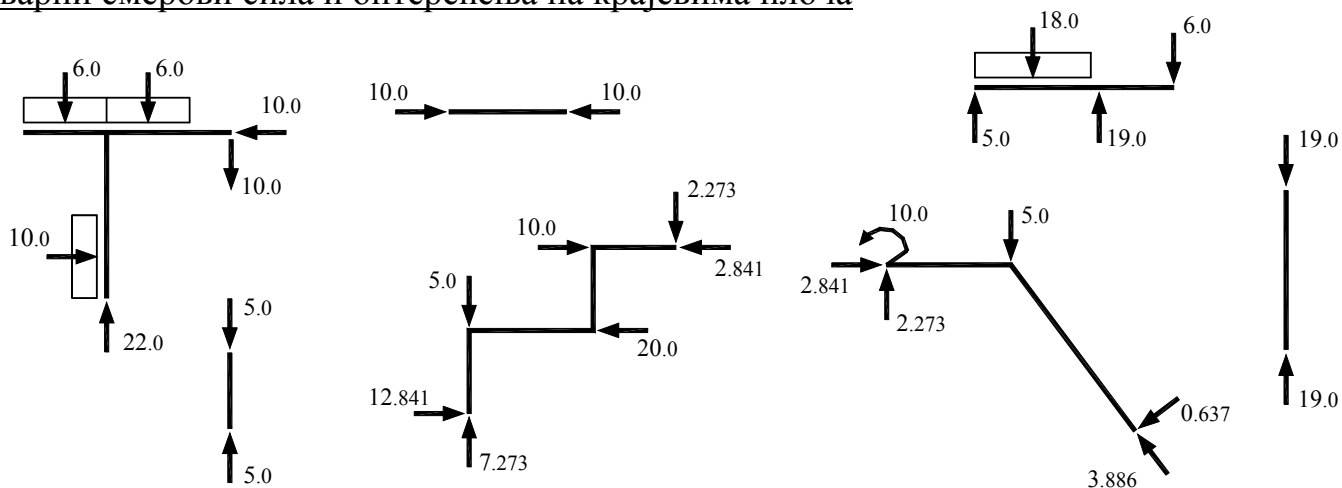
$$\sum M_B = 0 \Rightarrow Y_C = 21.727$$

$$\sum Y = 0 \Rightarrow Y_B = 7.273$$

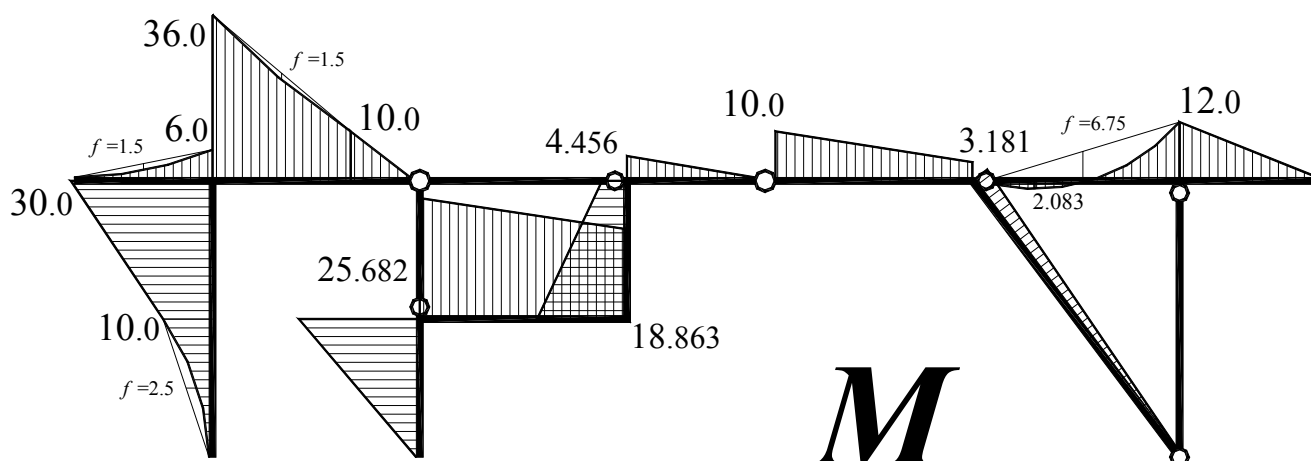
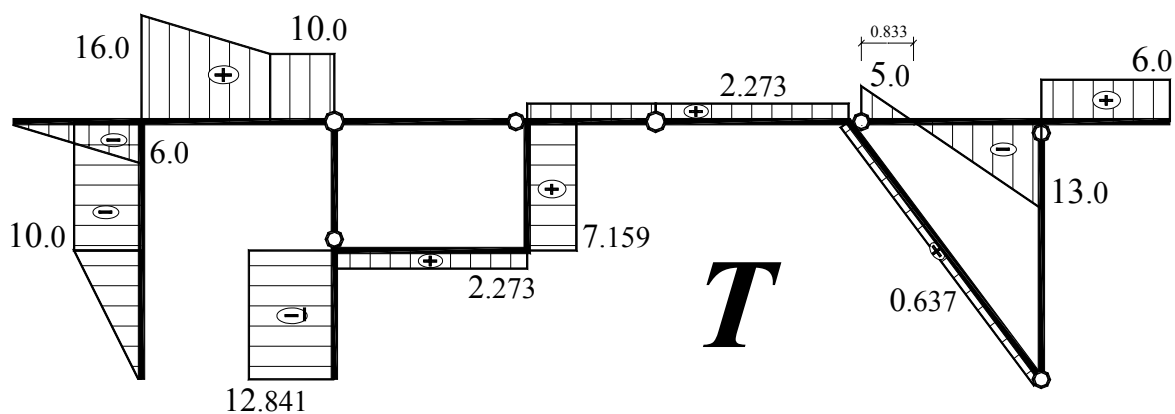
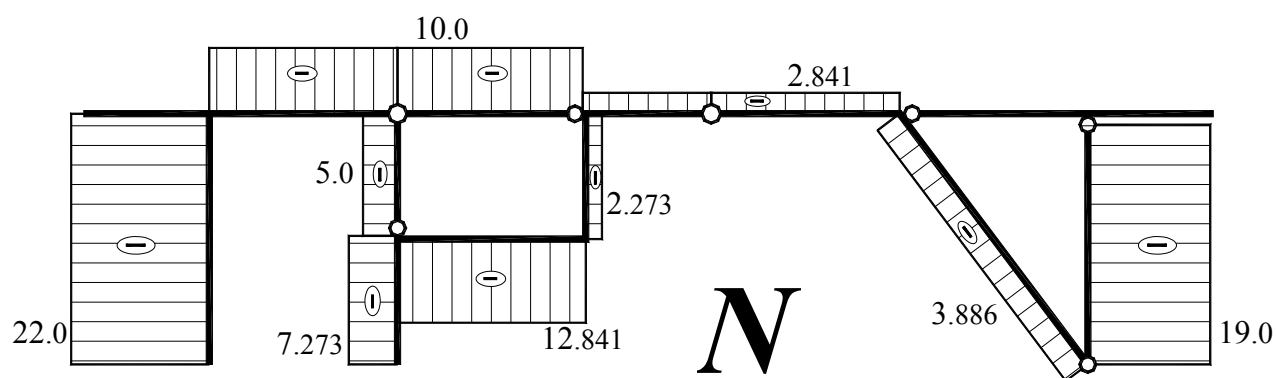
$$\sum M_G^{\text{dec}} = 0 \Rightarrow X_C = 2.841$$

$$\sum X = 0 \Rightarrow X_B = 12.841$$

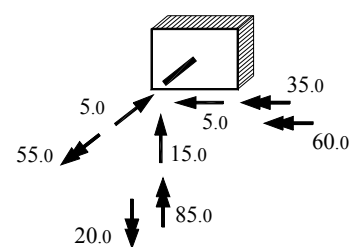
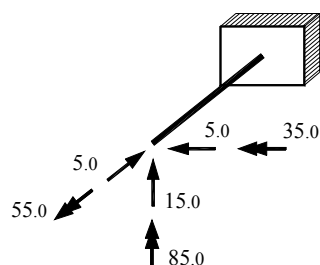
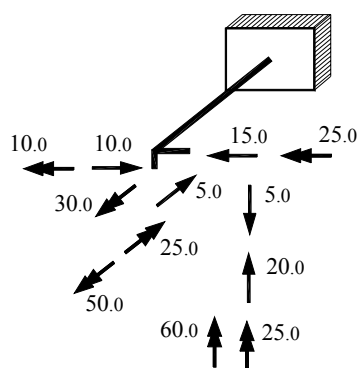
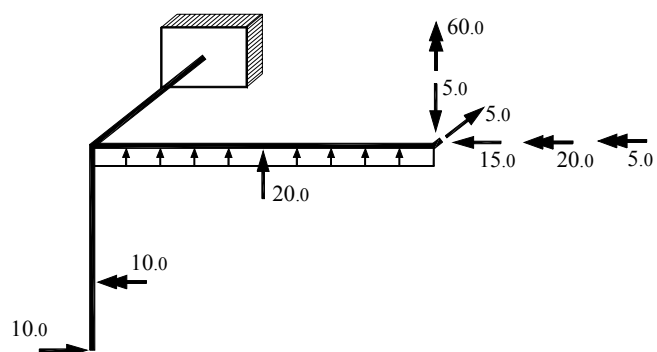
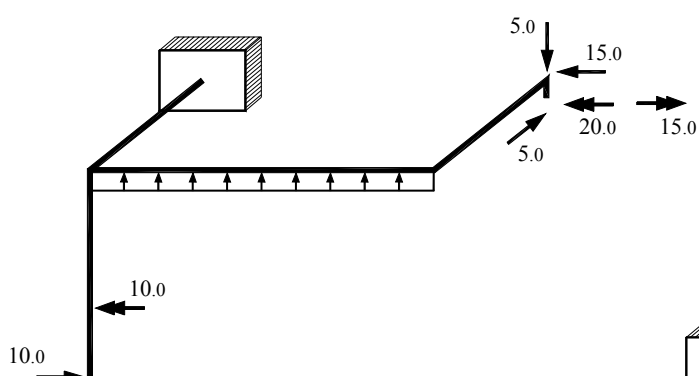
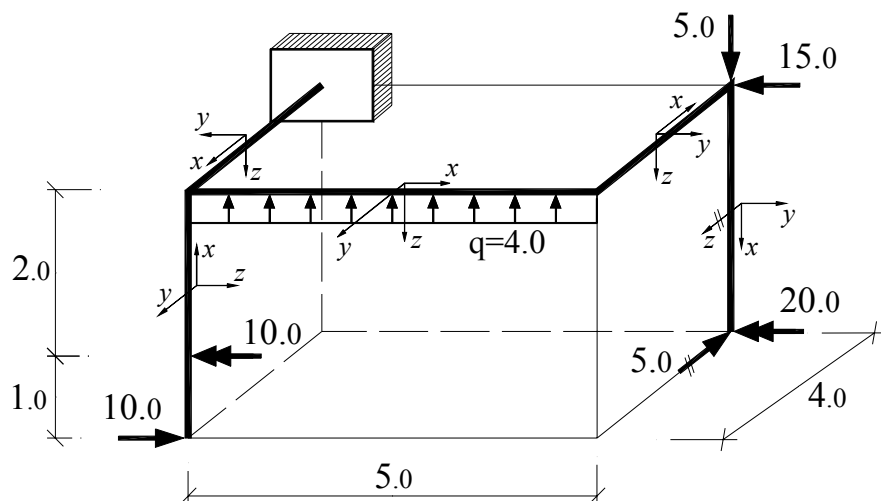
Стварни смерови сила и оптерећења на крајевима плоча

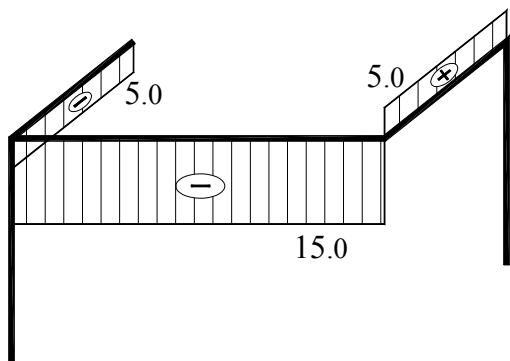


ДИЈАГРАМИ ПРЕСЕЧНИХ СИЛА

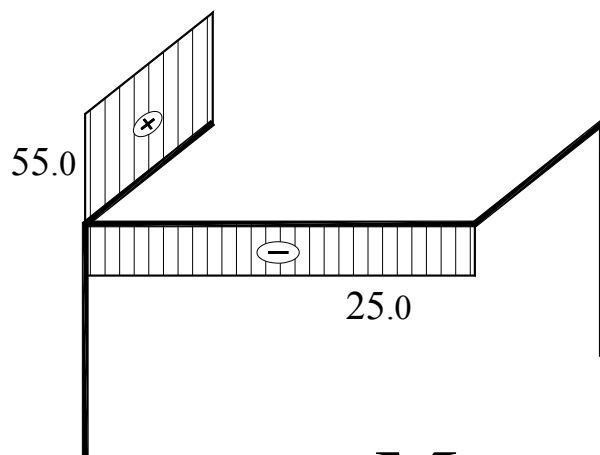


3.

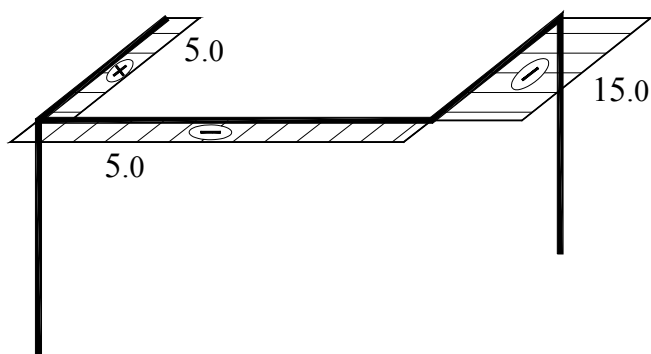




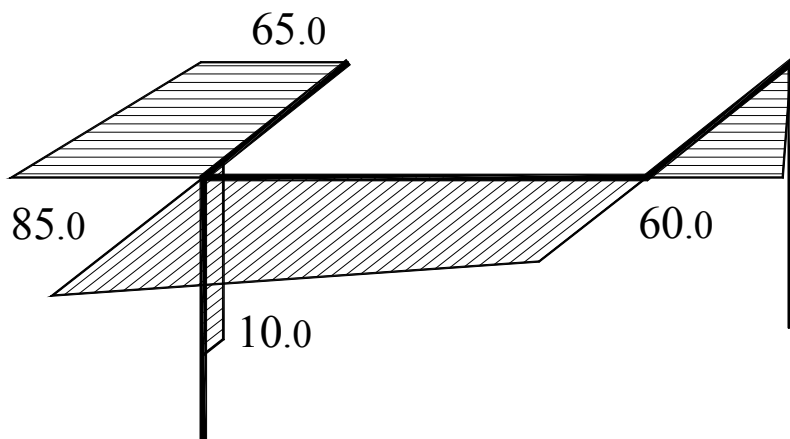
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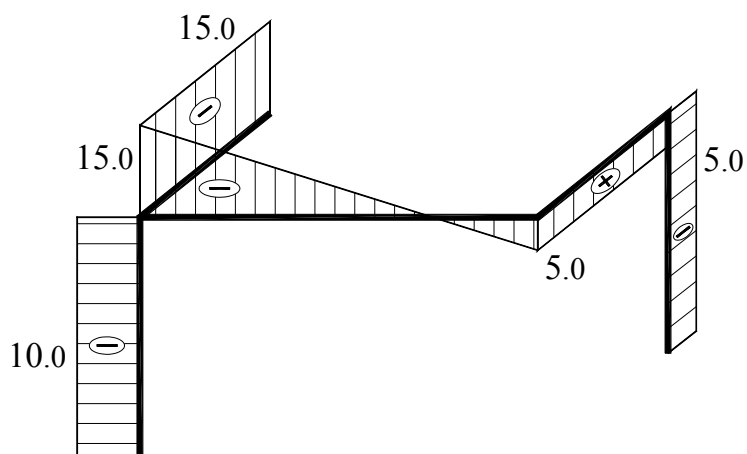
M_T



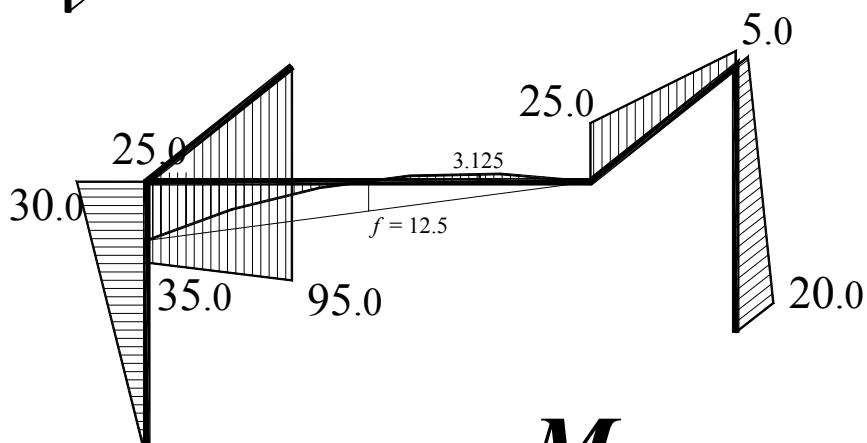
T_y



M_z



T_z



M_y