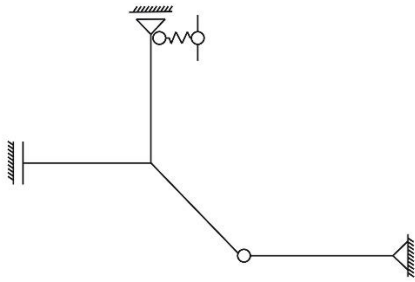


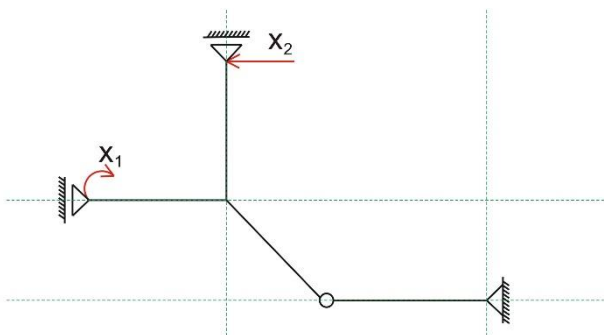
UKŁAD PODSTAWOWY METODY SIŁ

Przykład 1.

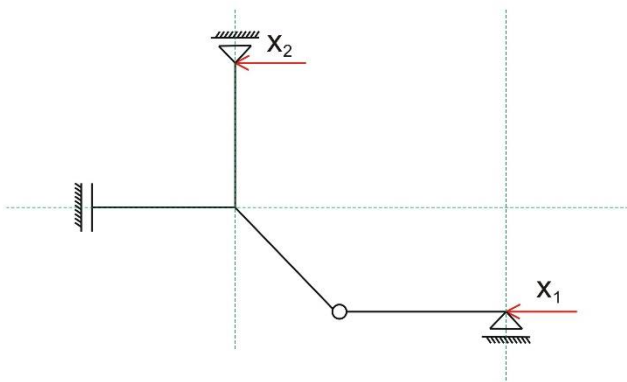
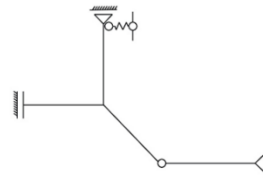
Układ zadany:



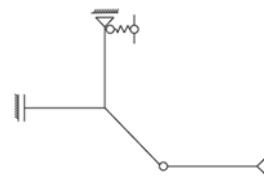
Układ podstawowy:



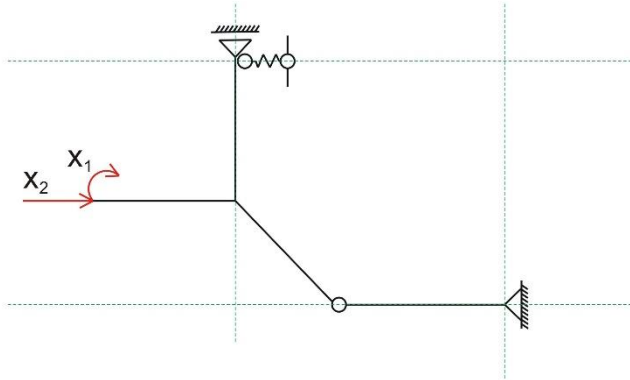
$$\begin{cases} \delta_{11}x_1 + \delta_{12}x_2 + \delta_{1F} = 0 \\ \delta_{21}x_1 + \delta_{22}x_2 + \delta_{2F} = -\frac{x_2}{k_\Delta} \end{cases}$$



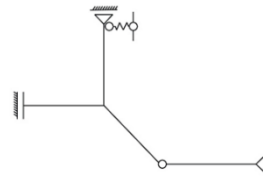
$$\begin{cases} \delta_{11}x_1 + \delta_{12}x_2 + \delta_{1F} = 0 \\ \delta_{21}x_1 + \delta_{22}x_2 + \delta_{2F} = -\frac{x_2}{k_\Delta} \end{cases}$$



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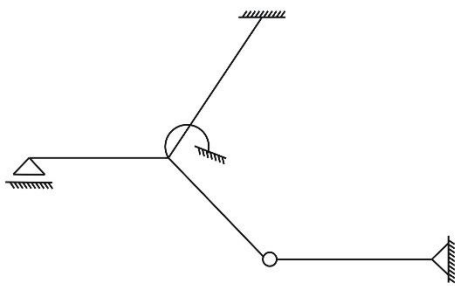


$$\begin{cases} \delta_{11}x_1 + \delta_{12}x_2 + \delta_{1F} = 0 \\ \delta_{21}x_1 + \delta_{22}x_2 + \delta_{2F} = 0 \end{cases}$$

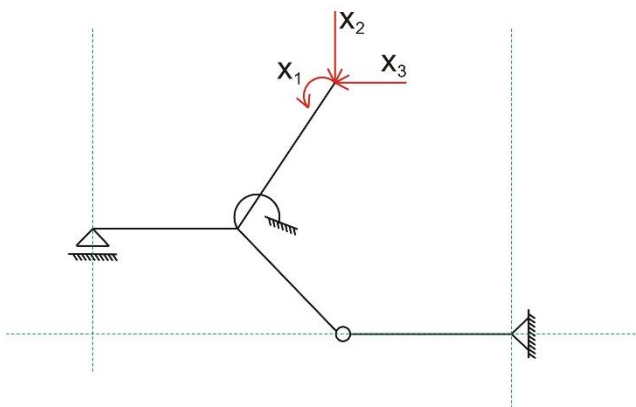


Przykład 2.

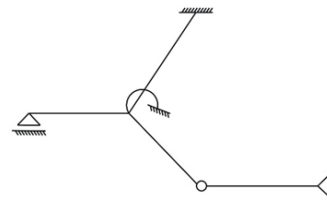
Układ zadany:



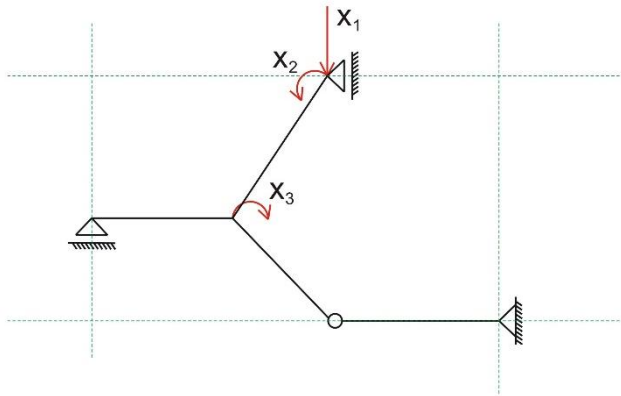
Układ podstawowy:



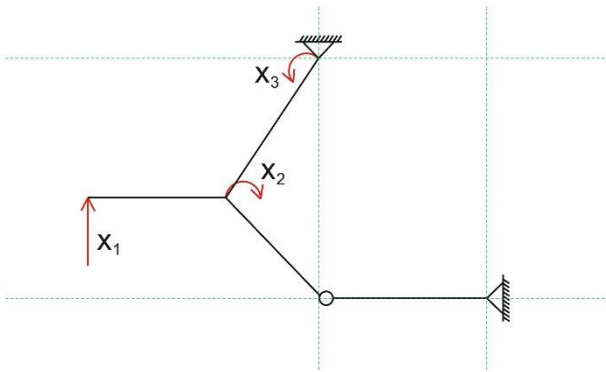
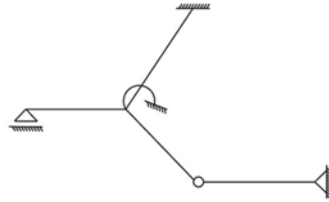
$$\begin{cases} \delta_{11}x_1 + \delta_{12}x_2 + \delta_{13}x_3 + \delta_{1F} = 0 \\ \delta_{21}x_1 + \delta_{22}x_2 + \delta_{23}x_3 + \delta_{2F} = 0 \\ \delta_{31}x_1 + \delta_{32}x_2 + \delta_{33}x_3 + \delta_{3F} = 0 \end{cases}$$



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$$\begin{cases} \delta_{11}x_1 + \delta_{12}x_2 + \delta_{13}x_3 + \delta_{1F} = 0 \\ \delta_{21}x_1 + \delta_{22}x_2 + \delta_{23}x_3 + \delta_{2F} = 0 \\ \delta_{31}x_1 + \delta_{32}x_2 + \delta_{33}x_3 + \delta_{3F} = -\frac{x_3}{k_\varphi} \end{cases}$$



$$\begin{cases} \delta_{11}x_1 + \delta_{12}x_2 + \delta_{13}x_3 + \delta_{1F} = 0 \\ \delta_{21}x_1 + \delta_{22}x_2 + \delta_{23}x_3 + \delta_{2F} = -\frac{x_2}{k_\varphi} \\ \delta_{31}x_1 + \delta_{32}x_2 + \delta_{33}x_3 + \delta_{3F} = 0 \end{cases}$$

