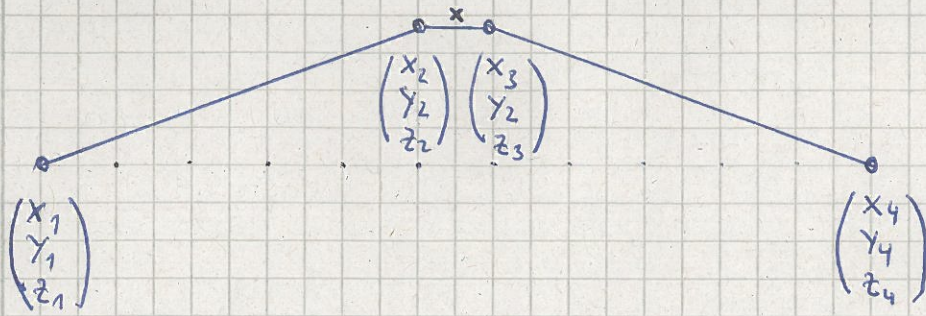


Inverted V:



Influence wires $l=20\text{m}$

only $\begin{pmatrix} x_1 \\ y_1 \\ z_1 \end{pmatrix}$ and $\begin{pmatrix} x_4 \\ y_4 \\ z_4 \end{pmatrix}$ change

$$\begin{pmatrix} x_1 \\ y_1 \\ z_1 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 16 \end{pmatrix} + \frac{20}{33.38} \times \begin{pmatrix} -30.15 \\ +13.42 \\ -5 \end{pmatrix} = \begin{pmatrix} -18.06 \\ +8.04 \\ 13.00 \end{pmatrix}$$

$$\begin{pmatrix} x_4 \\ y_4 \\ z_4 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 16 \end{pmatrix} + \frac{20}{29.62} \times \begin{pmatrix} 28.37 \\ 6.03 \\ -6 \end{pmatrix} = \begin{pmatrix} 19.16 \\ 4.07 \\ 11.95 \end{pmatrix}$$

$$\begin{pmatrix} x_2 \\ y_2 \\ z_2 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 16 \end{pmatrix} + \frac{0.5}{33.38} \times \begin{pmatrix} -30.15 \\ +13.42 \\ -5 \end{pmatrix} = \begin{pmatrix} -0.45 \\ +0.20 \\ 15.93 \end{pmatrix}$$

$$\begin{pmatrix} x_3 \\ y_3 \\ z_3 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 16 \end{pmatrix} + \frac{0.5}{29.62} \times \begin{pmatrix} 28.37 \\ 6.03 \\ -6 \end{pmatrix} = \begin{pmatrix} 0.48 \\ 0.10 \\ 15.90 \end{pmatrix}$$