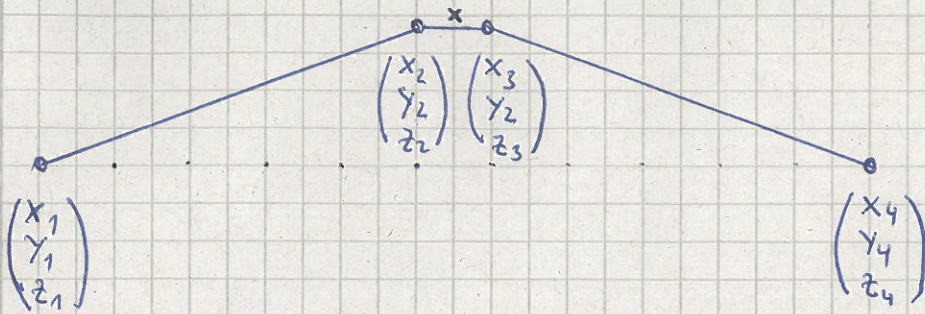


Inverted V:



Antenna Wires $l = 27\text{m}$

$$\begin{pmatrix} x_1 \\ y_1 \\ z_1 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 16 \end{pmatrix} + \frac{27}{33.38} \times \begin{pmatrix} -30.15 \\ +13.42 \\ -5 \end{pmatrix} = \begin{pmatrix} -24.39 \\ +10.86 \\ 11.96 \end{pmatrix}$$

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

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

$$\begin{pmatrix} x_4 \\ y_4 \\ z_4 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 16 \end{pmatrix} + \frac{27}{29.62} \times \begin{pmatrix} 28.37 \\ 6.03 \\ -6 \end{pmatrix} = \begin{pmatrix} 25.86 \\ 5.50 \\ 10.53 \end{pmatrix}$$