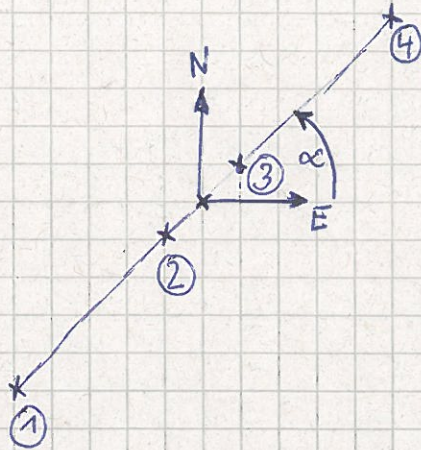


New 2-by-20m Double Zapp

location: $l=20m$ @ main mast + new mast
 oriented: SW \rightarrow NE $h=20m$

Spide beam
 or
 "Real"

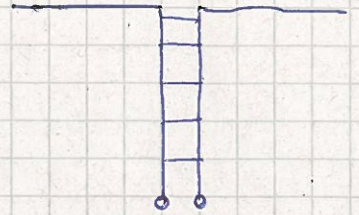


$$x_1 = \begin{pmatrix} -l \cdot \cos \alpha \\ -l \cdot \sin \alpha \\ h \end{pmatrix}$$

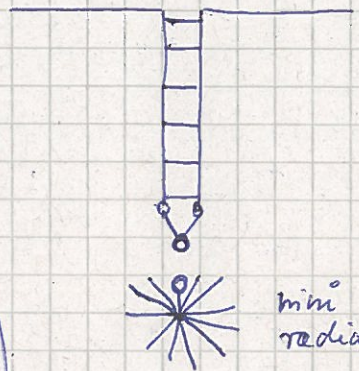
$$x_2 = \begin{pmatrix} -0.5 \cdot \cos \alpha \\ -0.5 \cdot \sin \alpha \\ h \end{pmatrix}$$

$$x_3 = \begin{pmatrix} +0.5 \cos \alpha \\ +0.5 \sin \alpha \\ h \end{pmatrix}$$

$$x_4 = \begin{pmatrix} l \cos \alpha \\ l \sin \alpha \\ h \end{pmatrix}$$



+160m option



mini radials