

NESTED MODEL.

FLAT SPACE. 1+1 DIMENSIONS. START WITH
COORDINATES T, X . [AS USUAL].

DEFINE $L = \partial_T + \partial_X$ OUTGOING NULL
 $\underline{L} = \partial_T - \partial_X$. INCOMING NULL.

$$Lu = F(T, X)$$

$$\underline{L}v = u.$$

NOW FOR THE PDE PROBLEM TO ACTUALLY SOLVE.

WORK IN COORDINATES $\tilde{u} = T - X$, $\tilde{x} = X$.

