$$U_{m+k} = U_m + \sum_{n=1}^{N} U_m^{(n)} \left(\frac{X_{n+k} - X_n}{N!} \right)^n$$

$$Lu = \sum_{j=1}^{LS} c_j \sum_{n=0}^{p} u_m^{(n)} \frac{(hk_i)^n}{n!}$$

$$Lu = \sum_{i=0}^{P} d_i u^{(i)}$$
 |S| ne nensure $k_i - c_j k_j - c_$

. Cht Cj

W-1 W W+1

k = [-1,1]

ynnotherue bentopa

$$AC = d = \begin{bmatrix} do \\ di \\ dp \end{bmatrix}$$

$$A_{i,j} = \frac{(h \cdot k_i)^i}{i!}, \quad j = 1,..., 25$$

Lu. = ""

$$d = \begin{bmatrix} 0 \\ 0 \end{bmatrix} \quad k = \begin{bmatrix} -2, -1, 0 \end{bmatrix}$$