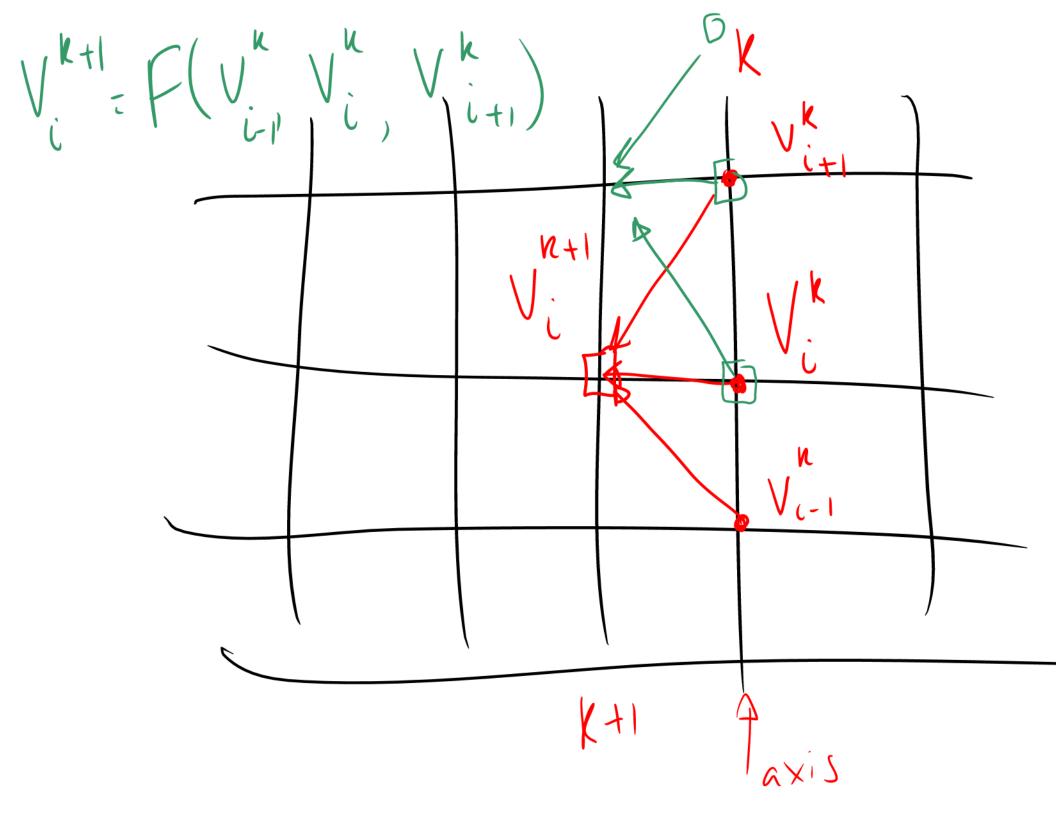
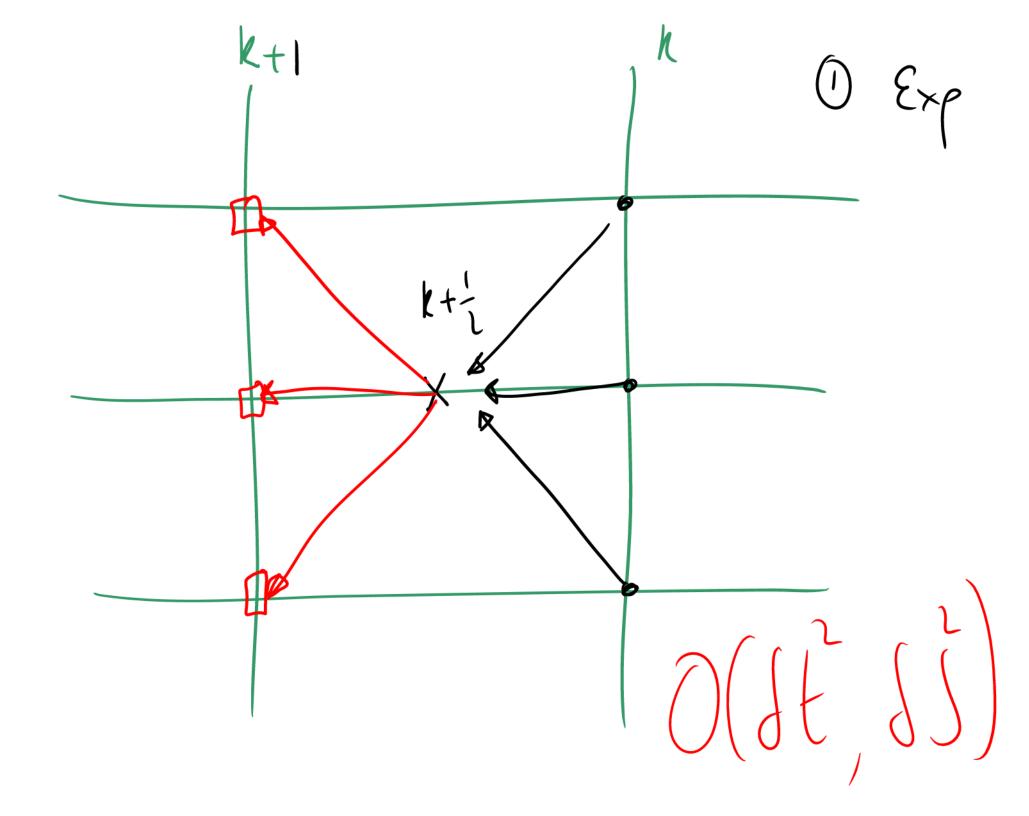
X plicit W. $\int -\int \left(x \right)$

 $\int_{M} |x|^{2} dx$ $\int_{M} |x|^{2} dx$



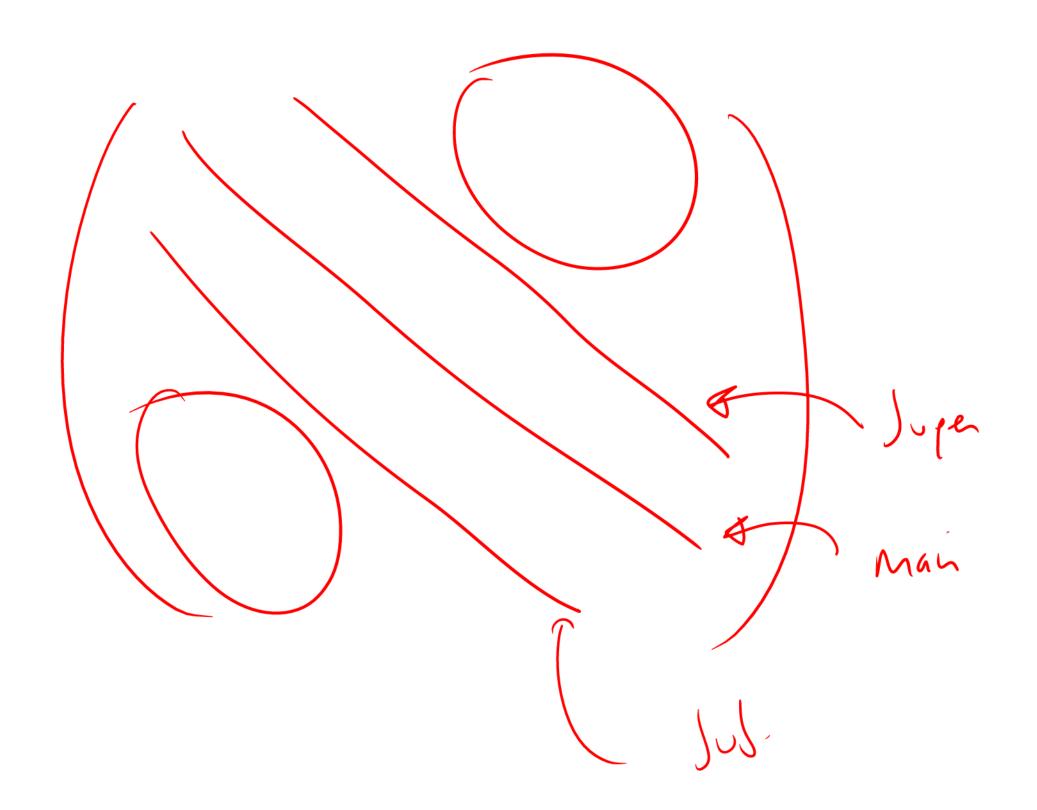
Fourier Hedility Stasility ordition $\left(\right) \left(\left\{ \right\} \right)$ $d = \int i x e^{-\lambda}$ (/ IXP)

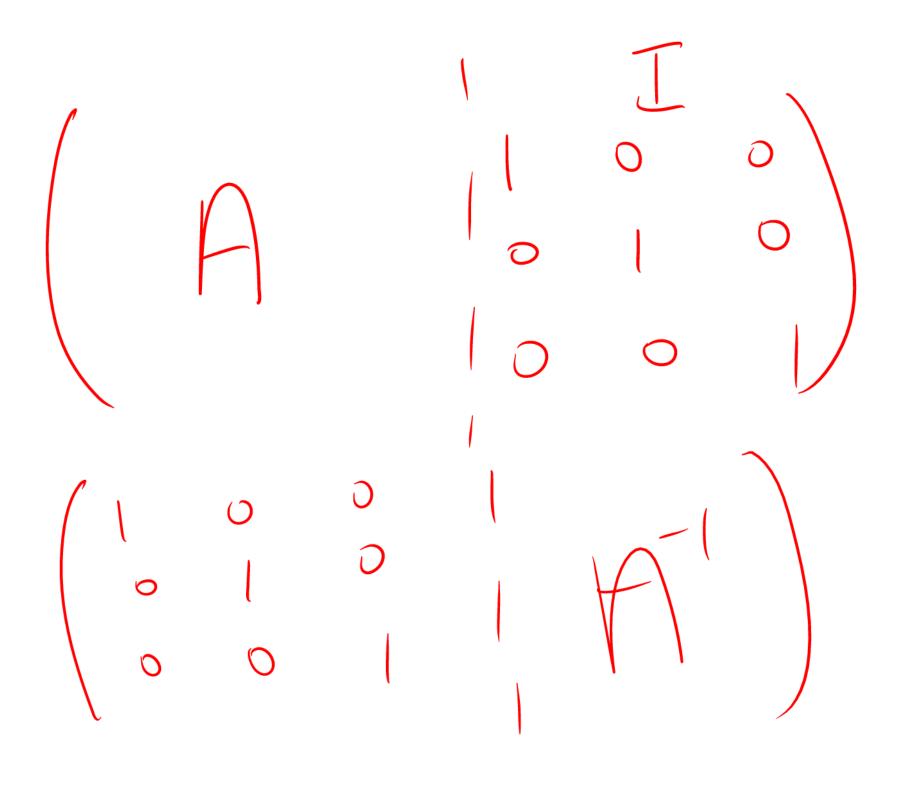
 $\frac{1}{2}\left(\frac{1}{1}\left(\frac{1}{1}\left(\frac{1}{1}\right)\right)\right)\left(\frac{1}{1}\left(\frac{1}{1}\right)\right)$ $\frac{1}{2}\left(\frac{1}{1}\left(\frac{1}{1}\right)\right)$ $\frac{1}{2}\left(\frac{1}{1}\left(\frac{1}{1}\right)\right)$ $\frac{1}{2}\left(\frac{1}{1}\left(\frac{1}{1}\right)\right)$ $\frac{1}{2}\left(\frac{1}{1}\left(\frac{1}{1}\right)\right)$ (K+1) St



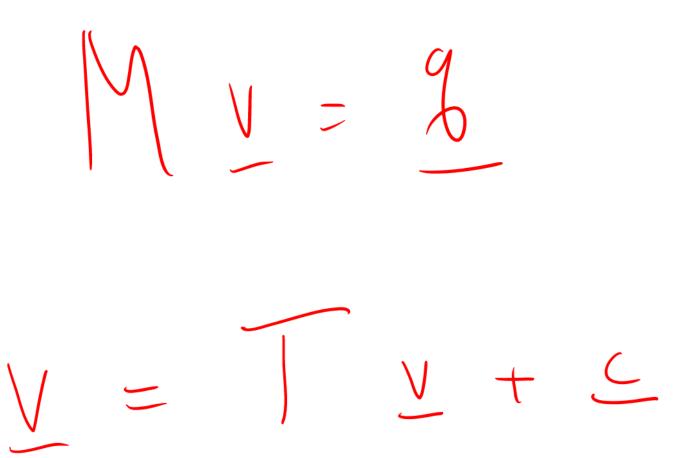
Numerical Analysis Ducden, Faires

0(0() D-Method $0 \times 1 mp + (1-0) \in \times p$ 0-0 => Exp Scheme 0=1 -Jelene 0= = (-N Scheme





M = 2 $\int_{\mathcal{M}} \left(\left(\right) \right) = \int_{\mathcal{M}} \int_{\mathcal{$ V - Un(2001. L = 2 Un Known Jolve for w the jut a Uv= w

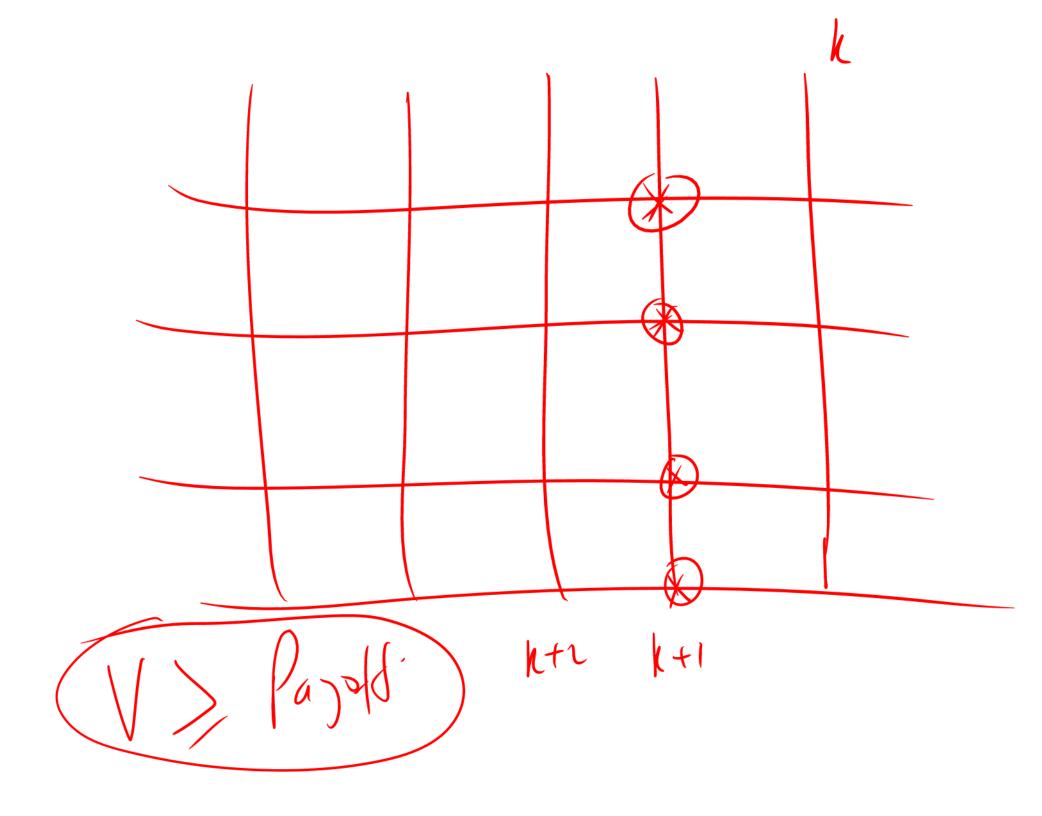


 $\left| \left| \left| \left(h + 1 \right) \right| \right|$ E - level ple conce

H X = 6 Strictly diagonally Jamiet Jacobi GJ Used 1012 using

A 11 - 5 1 du 12 exact than A21-5=0 If it not exact than Az-b=r 1m r -> 0

S N - L N



ifc m 97

$$\frac{\partial}{\partial r} \left(\frac{\partial V}{\partial J} \right) = V(j \delta r, i \delta J, k \delta t)$$

$$= V_{i,j}$$

$$\frac{\partial}{\partial r} \left[\frac{V_{i+1,j}^{k}}{2 \delta J} - \frac{V_{i-1,j}^{k}}{2 \delta J} \right] = \frac{V_{i+1,j+1}^{k}}{2 \delta J} \frac{V_{i+1,j-1}^{k}}{2 \delta J} = \frac{V_{i+1,j+1}^{k}}{2 \delta J}$$

 $2 d\gamma$