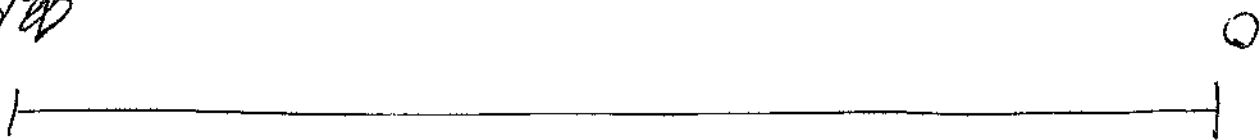


$$0 \leq t \leq h \Delta x$$

$$S(x, t)$$

Solve PDE on rank  $0 \leq t \leq h \Delta x$ .

~~h \Delta x~~



~~h~~



$$S(x, t+h) = \dots S(x, t)$$

$$\begin{matrix} x_1 & x_2 & \dots & x_n \\ 1 & 1 & \dots & 1 \\ * & & & \end{matrix}$$

$$S_0 = -u \frac{\partial S}{\partial t} + 0.005 u \frac{\partial^2 S}{\partial x^2} + S(\dots)$$