${\bf Abstract\ specification:}$ 

$$\frac{\delta h}{\delta T} \equiv \alpha \frac{\delta^2 h}{\delta X^2} \tag{1}$$

Discrete approximation :

$$h_t^0 = 1 (2)$$

$$h_t^{nx} = h_t^{nx-1} \tag{3}$$

$$h_0^x = 0 (4)$$

$$\begin{aligned} h_t^0 &= 1 & (2) \\ h_t^{nx} &= h_t^{nx-1} & (3) \\ h_0^x &= 0 & (4) \\ h_t^x &= h_{t-1}^x + \alpha \frac{\Delta t}{\Delta x \Delta x} h_{t-1}^{x+1} - 2h_{t-1}^x + h_{t-1}^{x-1} & (5) \end{aligned}$$