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

$$h_t^0 = 1$$
 (1)
 $h_t^{nx} = 1$ (2)
 $h_0^x = 0$ (3)

$$h_0^x = 0 (3)$$

$$h_t^x = h_{t-\Delta t}^x + \alpha \frac{\Delta t}{\Delta x \Delta x} (h_{t-\Delta t}^{x-\Delta x} - 2h_{t-\Delta t}^x + h_{t-\Delta t}^{x+\Delta x})$$

$$\tag{4}$$

