

$$u(x,t) = \frac{1}{2} \left[0,01 \sin(\pi(x+1 \cdot t)) + \sin(\pi(x-1 \cdot t)) \right]$$

$$L = 1$$

$$t = 0$$

$$t = 0,2$$

$$t = 0,4$$

$$t = 0,6$$

$$t = 0,8$$

$$t = 1$$

