

1) Упр. гармоническим (малопроводящим)

$$T_t = k \nabla^2 T$$

$$T_t = \frac{\partial T}{\partial t}$$

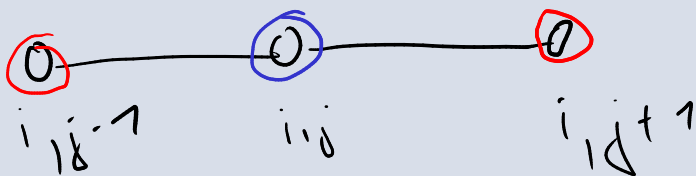
$$T_t = k T_{xx}$$



$$\frac{T_{i+2,j} - T_{i,j}}{\Delta t} = k \frac{T_{i,j-1} - 2T_{i,j} + T_{i,j+1}}{\Delta x^2}$$

$$\frac{T(t + \Delta t, x) - T(t, x)}{\Delta t} = \dots$$

$$T_{i+2,j} = T_{i,j} + k \frac{\Delta t}{\Delta x^2} \cdot \dots$$



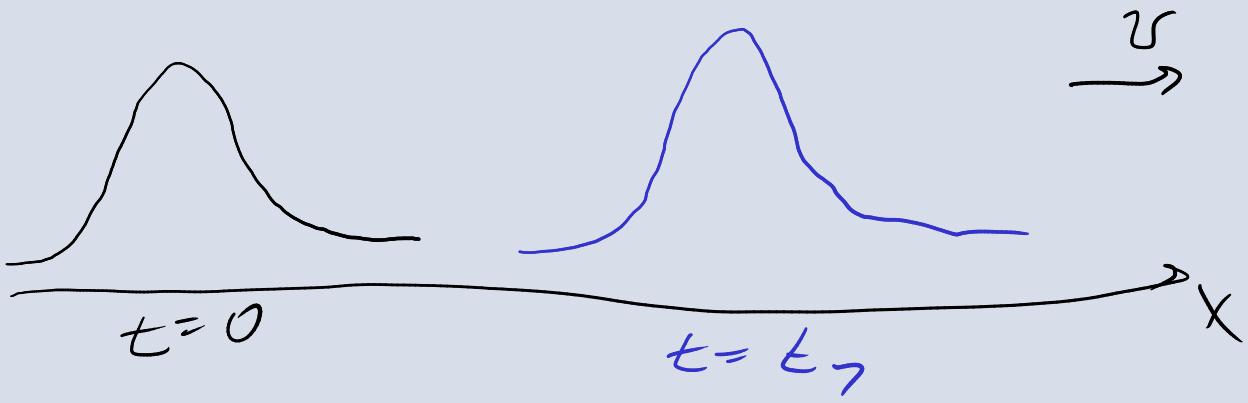
2) ρ непереноса

$$\rho_t + \nabla \cdot (\rho \vec{v}) = 0$$

$$\rho_t + \rho_x v = 0$$

$$v = \text{const}$$

y p. nepenoca



y p. yu qoqoqyuuu

