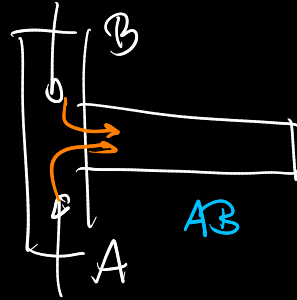
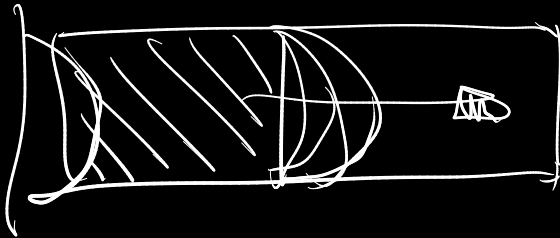


- Navier-Stokes:  $u, v, p$
- Heat equation
- Diffusion equation:  $v = -D_T \nabla T$   
A, B



### Diffusion eq.

•  $\dot{c} + \text{div } j = 0$  ; Cont. eq.

•  $j = -D \nabla c$

↳  $\dot{c} - D \Delta c = 0$   
 $\underline{c(x, y) = ?}$

$u(x, y)$

$v(x, y)$

$p(x, y)$

