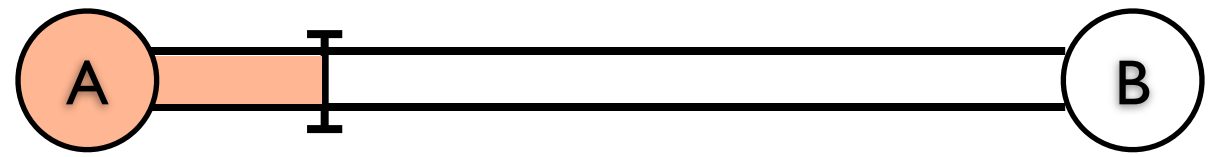


Timestep

Flow direction

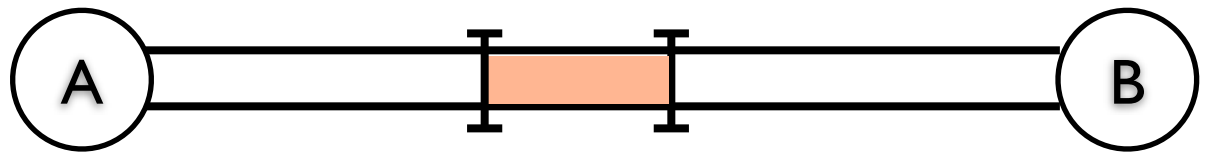


t = 1



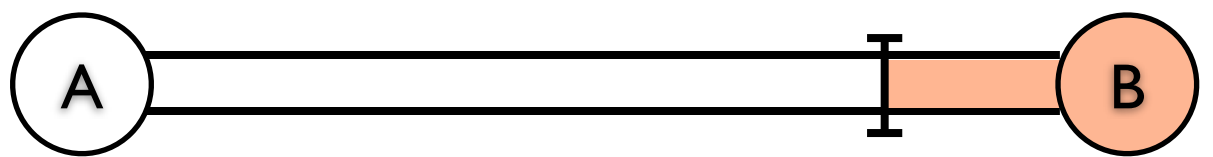
origin node = A
timestep at origin = 1

t = 3



origin node = A
timestep at origin = 1

t = 5



origin node = A
timestep at origin = 1

Equations

$$\hat{c}(x = \mathcal{I}_i(t_1), t_1) = \hat{c}_A(t_1)$$

$$\hat{c}(x = \mathcal{O}_i(t_1), t_1) = 0$$

$$\hat{c}(x = \mathcal{I}_i(t_5), t_5) = \hat{c}_A(t_5)$$

$$\hat{c}(x = \mathcal{O}_i(t_5), t_5) = \hat{c}_A(t_1)$$