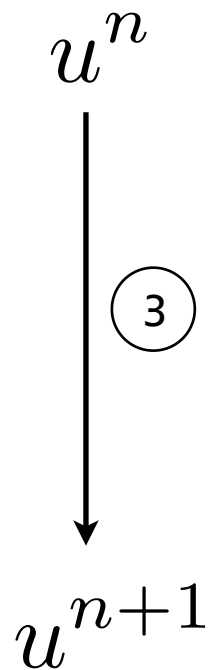
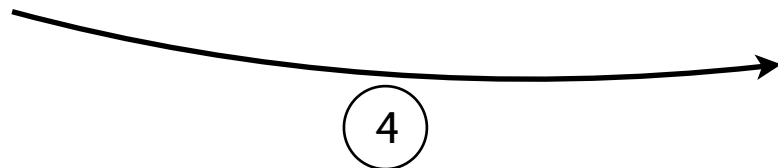
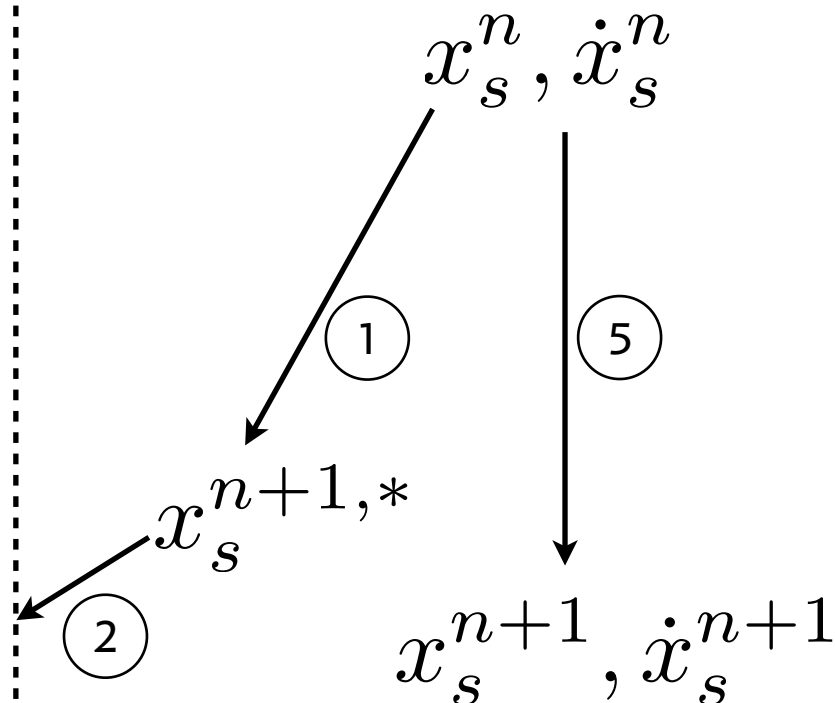


Fluid solver



Structural model solver



$$x_s^{n+1,*} = x_s^n + \alpha_0 \Delta t_s \dot{x}_s^n + \alpha_1 \Delta t_s (\dot{x}_s^n - \dot{x}_s^{n-1})$$