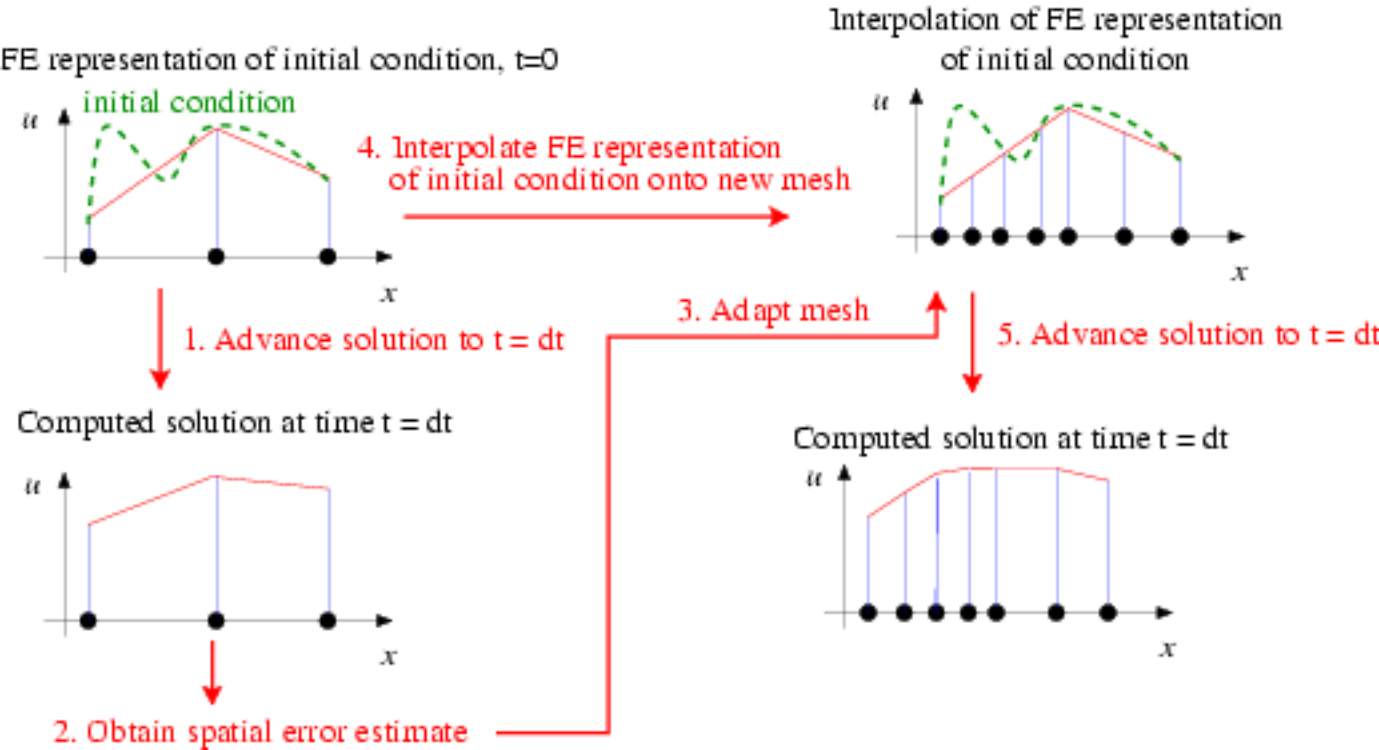
FE representation of initial condition, t=0
initial condition
u
x
4. Interpolate FE representation of initial condition onto new mesh
Interpolation of FE representation of initial condition
u
x
1. Advance solution to t = dt
3. Adapt mesh
5. Advance solution to t = dt
Computed solution at time t = dt
u
x
Computed solution at time t = dt
u
x
2. Obtain spatial error estimate