

FE representation of initial condition, $t=0$



4. Interpolate FE representation of initial condition onto new mesh

Interpolation of FE representation of initial condition



1. Advance solution to $t = dt$

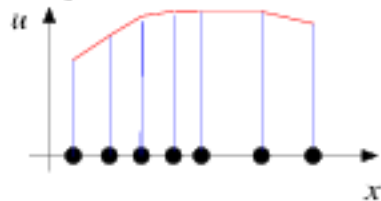
3. Adapt mesh

5. Advance solution to $t = dt$

Computed solution at time $t = dt$



Computed solution at time $t = dt$



2. Obtain spatial error estimate