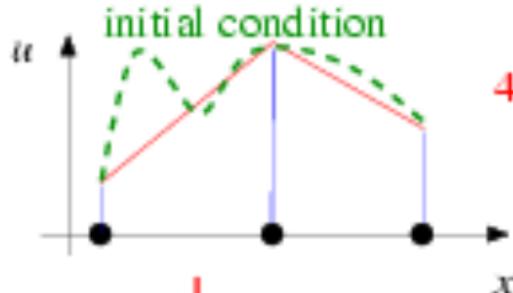
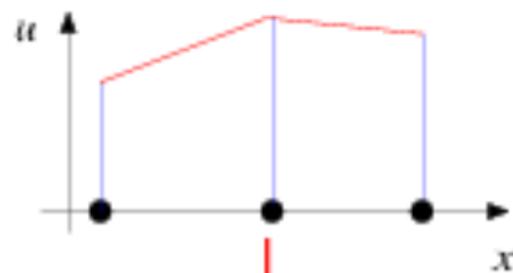


FE representation of initial condition,  $t=0$



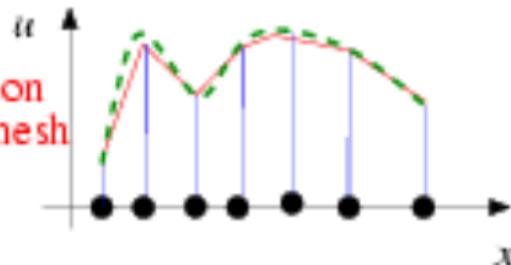
1. Advance solution to  $t = dt$

Computed solution at time  $t = dt$



2. Obtain spatial error estimate

FE representation of initial condition,  $t=0$



3. Adapt mesh

5. Advance solution to  $t = dt$

Computed solution at time  $t = dt$

