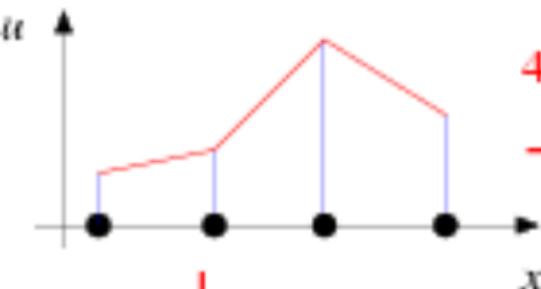
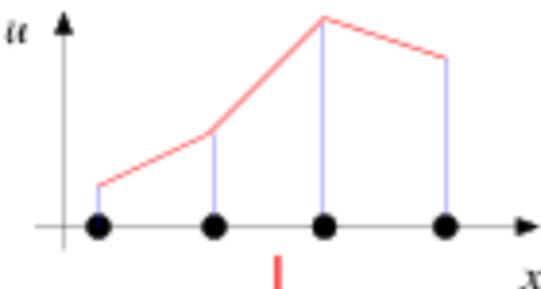


Existing solution at time t



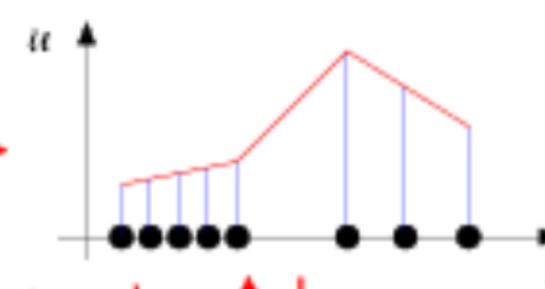
1. Advance solution to $t+dt$

Computed solution at time $t+dt$



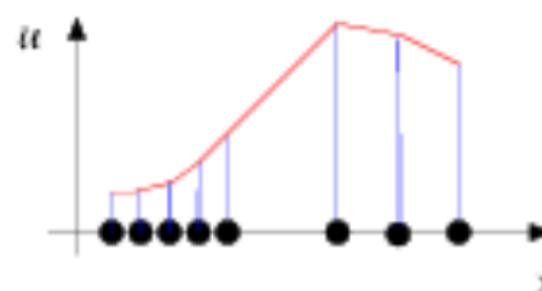
2. Obtain spatial error estimate

Adapted solution at time t



3. Adapt mesh

Computed solution at time $t+dt$



4. Interpolate solution
at time t onto new mesh.
5. Advance solution to $t+dt$