

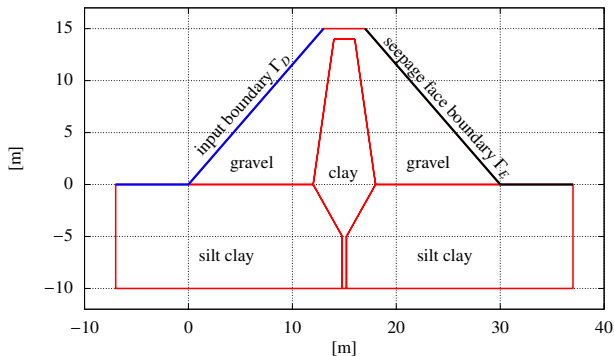
Adaptive computation by STDGM

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Lecture 7

Flow through the landfill dam



- nonlinear (possible degenerating) parabolic equation
- numerical simulation by STDGM
- anisotropic hp -mesh adaptation
 - 1 adaptation of the shape and size of elements $K \in \mathcal{T}_h$
 - 2 varying polynomial approximation degrees p_K , $K \in \mathcal{T}_h$

Flow through the landfill dam

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