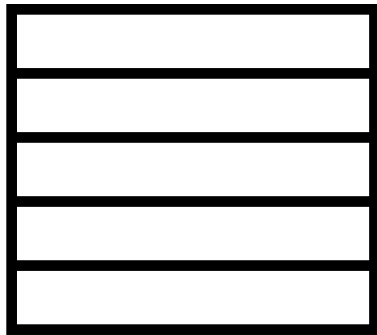


Reference trees

Subproblem tree



$$\hat{\mathbf{z}}^{\text{utop}}(j)$$



$$\mathbf{c}_m^{\text{SUB}}(i, \hat{\mathbf{z}}^{\text{utop}}(j))$$