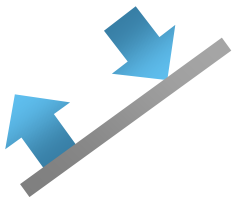
Step 1: define elements

no-flow boundary
absolute element



prescribed head boundary
absolute element

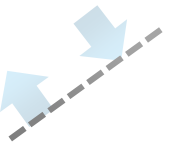
Möbius base flow
relative element

extraction well
relative element

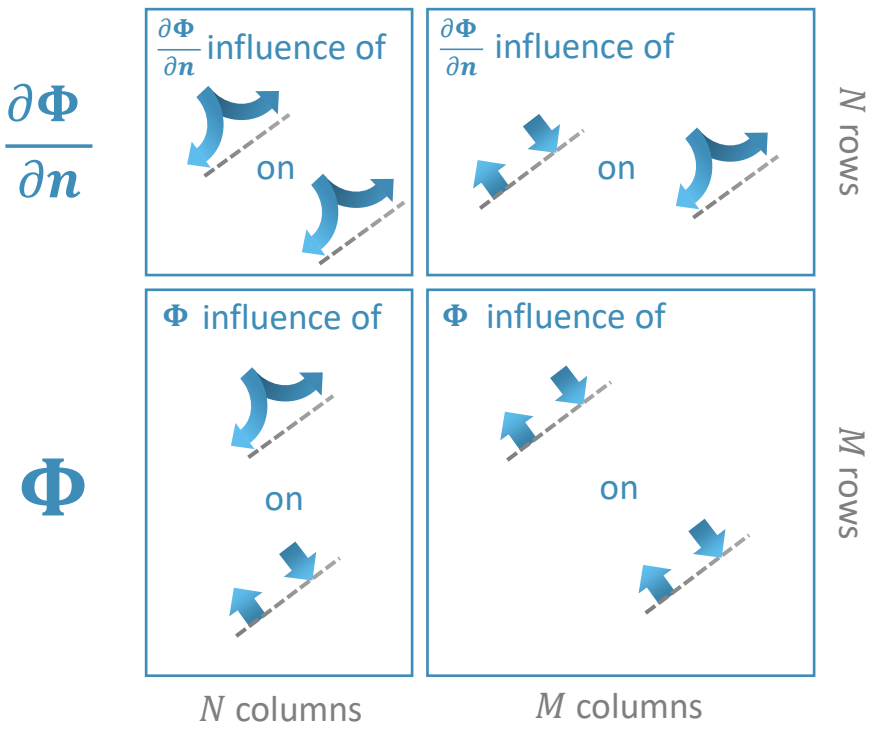
Step 2: create $\boldsymbol{A}$ matrix

composed of N **segments** adjusts **gradient** $\frac{\partial \Phi}{\partial n}$

composed of M **segments** adjusts **potential** Φ



The $\boldsymbol{A}$ matrix contains mutual influences



A matrix
$(N+M) \times (N+M)$

Step 3: create $\boldsymbol{x}$ vector


's condition:

neutralize $\frac{\partial \Phi}{\partial n}$ influence of


and

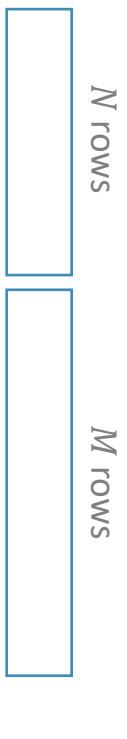

's condition:

target potentials

complete Φ influence of

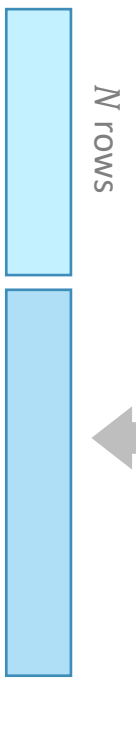

and

Step 4:
solve for $\boldsymbol{s}$



S vector
$(N+M) \times 1$

The $\boldsymbol{x}$ vector contains absolute conditions



X vector
$(N+M) \times 1$