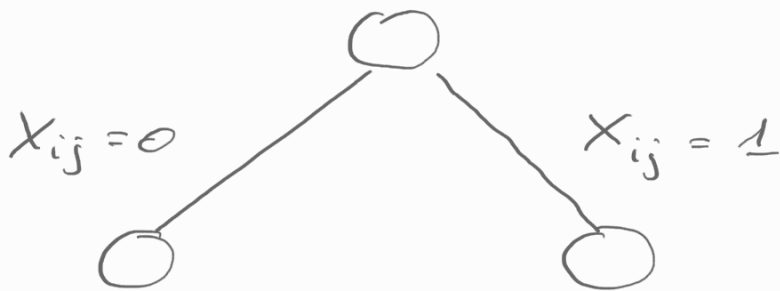


Branching on arc variables



No route going from i to j

+ In RMP: remove all columns that use arc ij

+ In PP: add constr.
 $X_{ij} = 0$

Any route visiting i or j must do it using arc ij

+ In RMP: remove all columns that have i or j and not arc ij .

+ In PP: add constraints
 $X_{is} = 0 \quad \forall s \neq i, j$
 $X_{sj} = 0 \quad \forall s \neq i, j$

