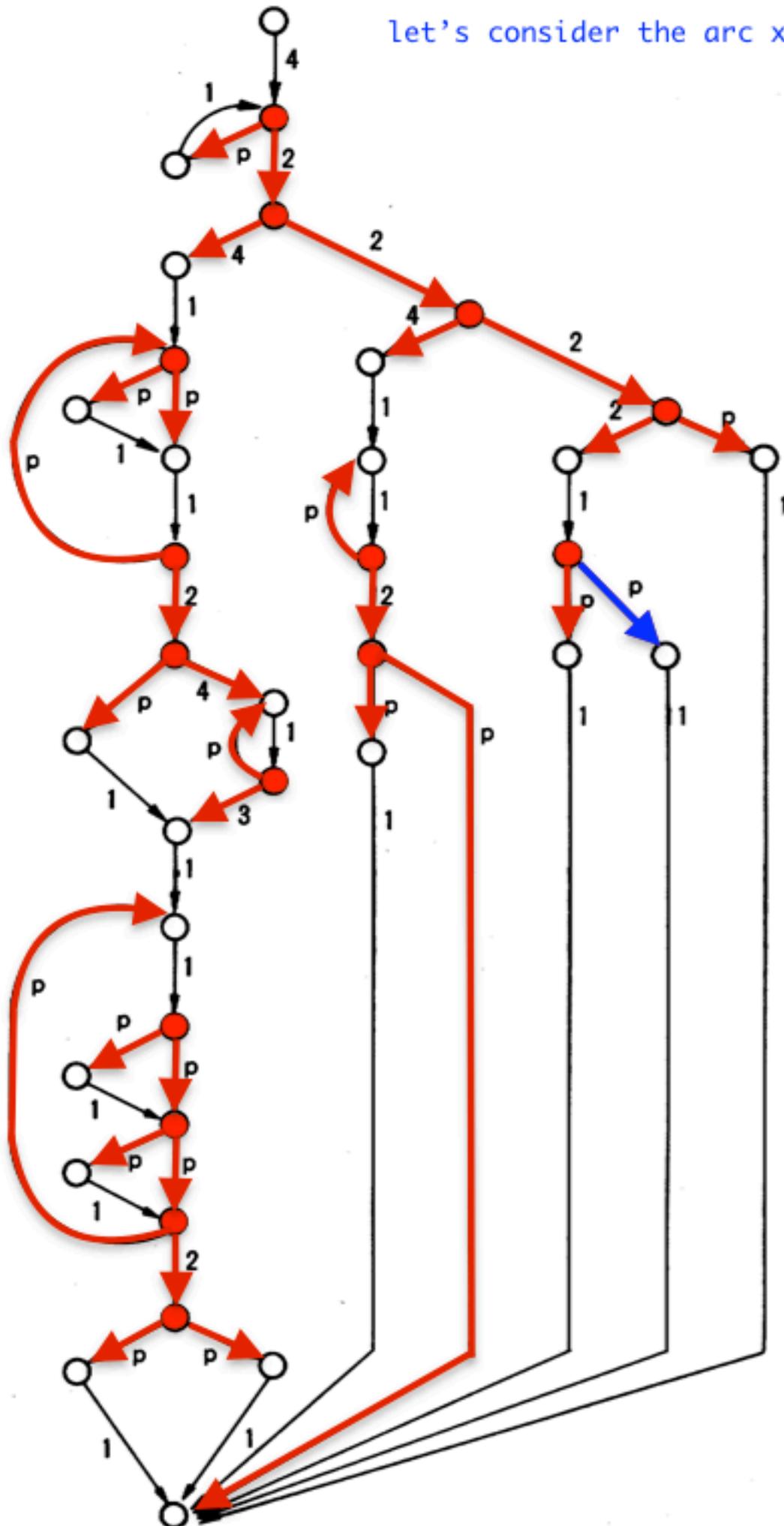
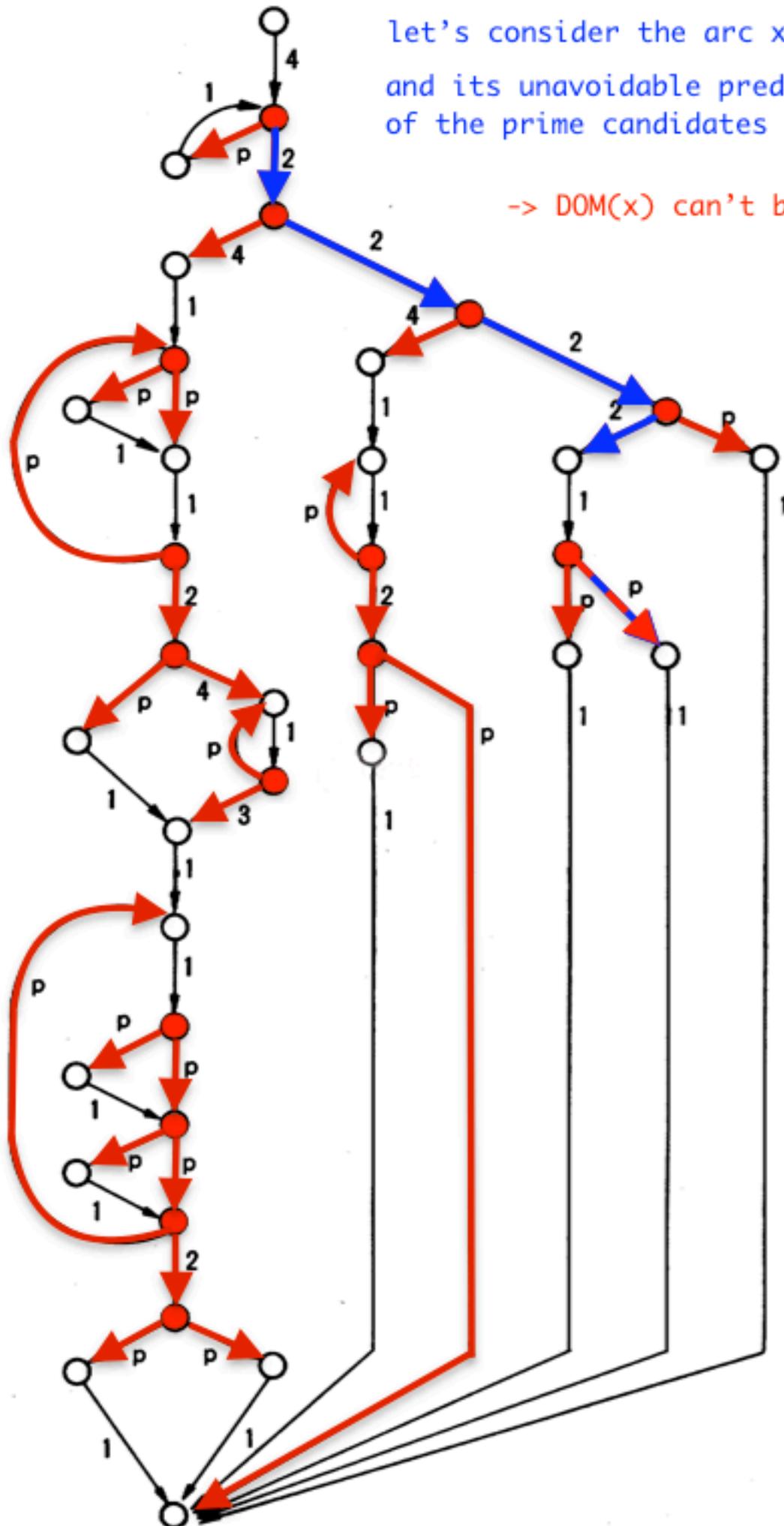


we only need to consider
branching (decision) nodes
and their outgoing arcs

-> candidates
for being primary

let's consider the arc x





let's consider the arc x
and its unavoidable predecessors
of the prime candidates $DOM(x)$

-> $DOM(x)$ can't be primary

