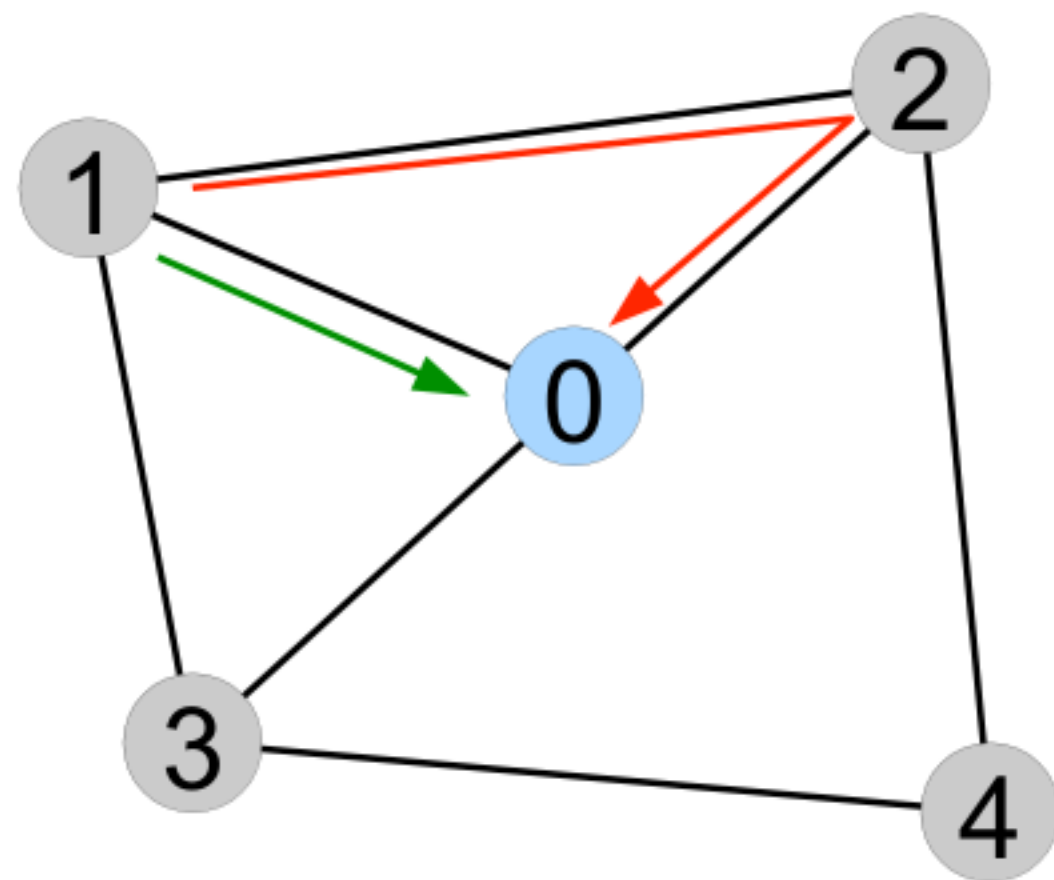


$P1=(1\ 2\ 0)$ and $P2=(1\ 0)$ are paths from 1 to 0

P^1 could be limited to $\{P1, P2\}$, meaning that node 1 does not accept to go through node 3.



Note: $(1\ 4\ 0)$ is not a path in G .