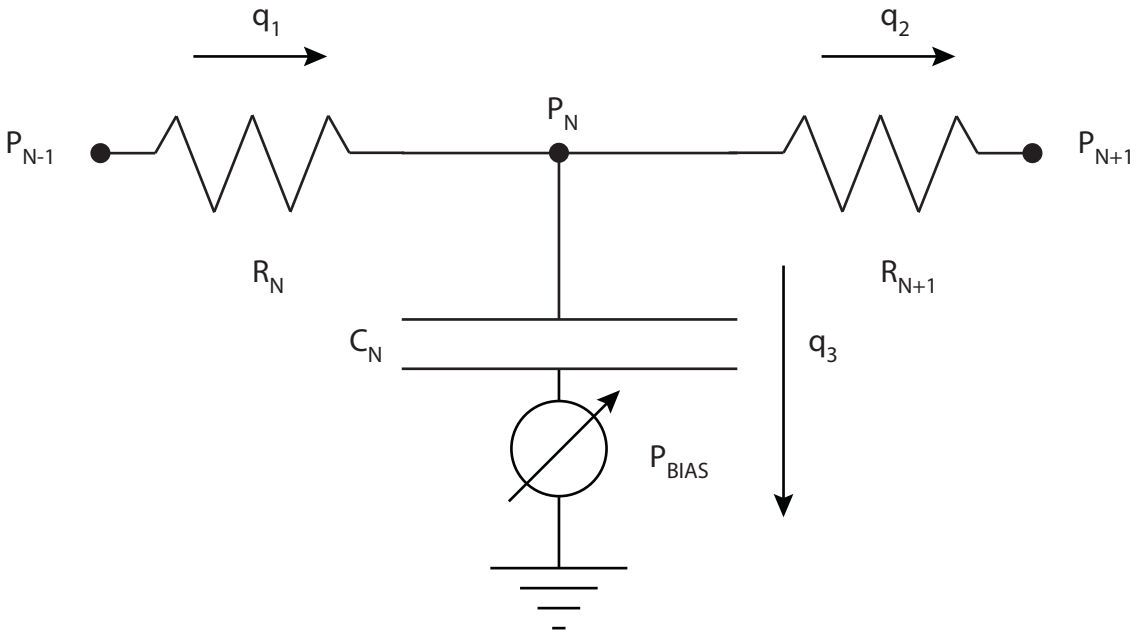

q1
q2
P N-1
P N
P N+1
R N
R N+1
C N
q3
P BIAS