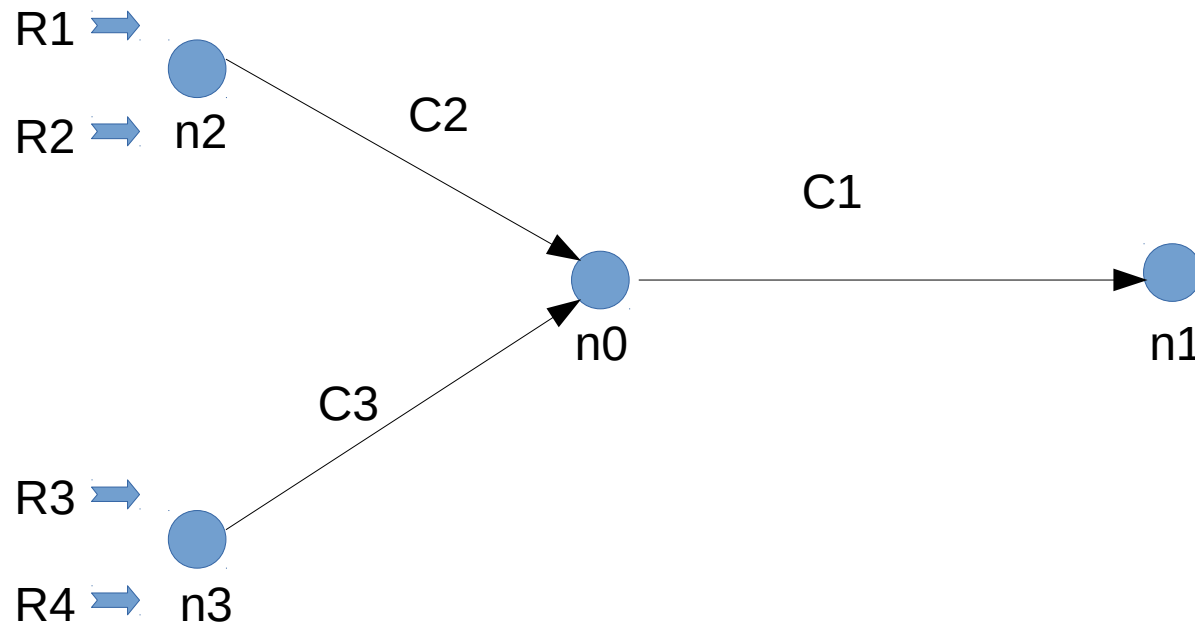


## THROUGHPUT ANALYSIS ON OVERLOADED LINK



### *Scenario 1*

$C1 = 1 \text{ Mbps}$   
 $C2 = 10 \text{ Mbps}$   
 $C3 = 200 \text{ Kbps}$

$R1 = R2 = 400 \text{ Kbps}$   
 $R3 = R4 = 100 \text{ Kbps}$

### *Scenario 2*

$C1' = 500 \text{ Kbps}$   
 $C2' = C2$   
 $C3' = C3$

$R_i' = R_i, i = 1, 2, 3, 4$