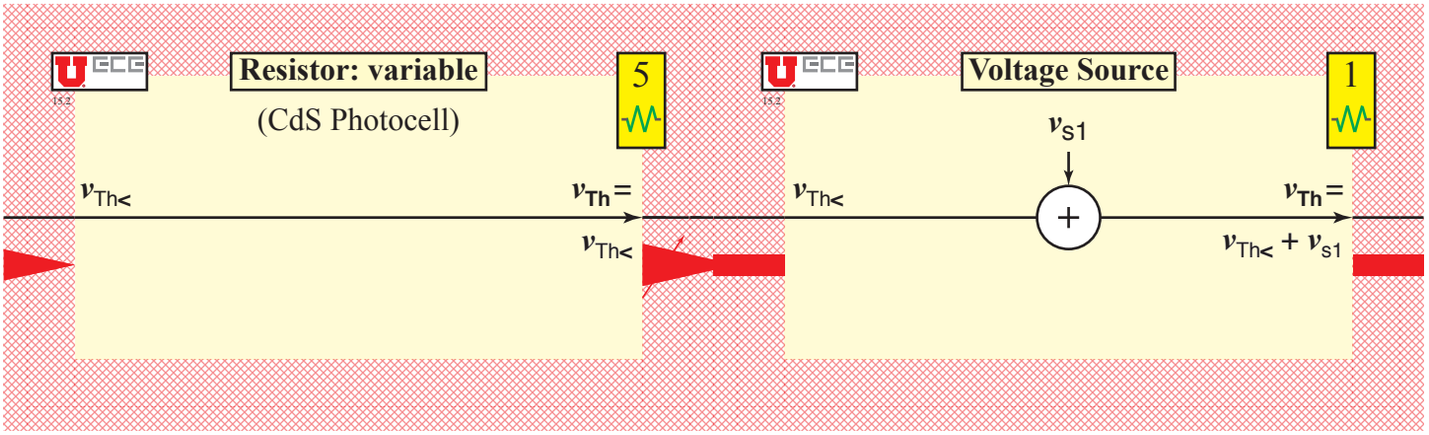
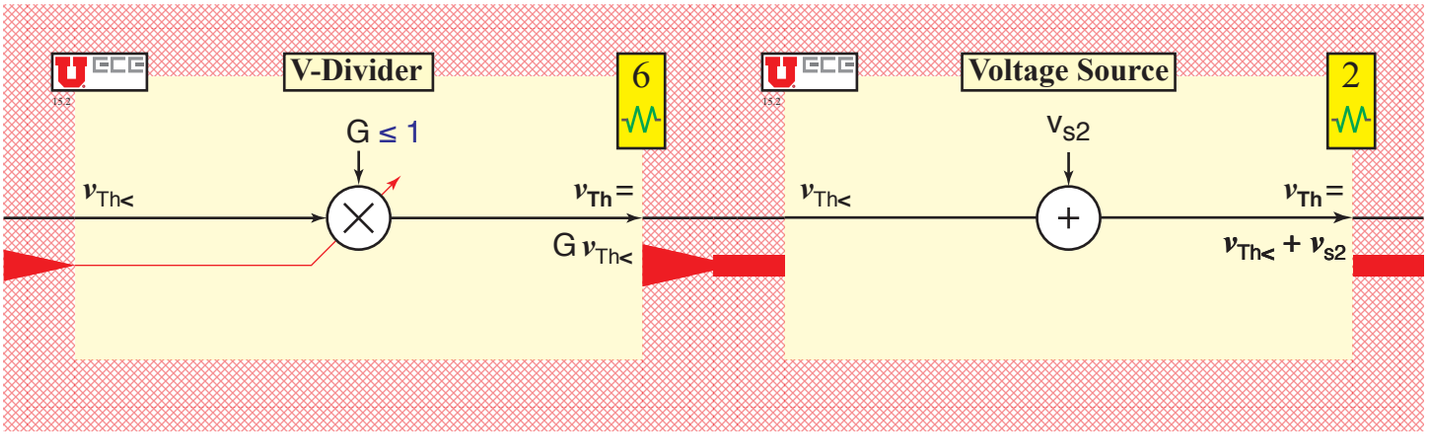
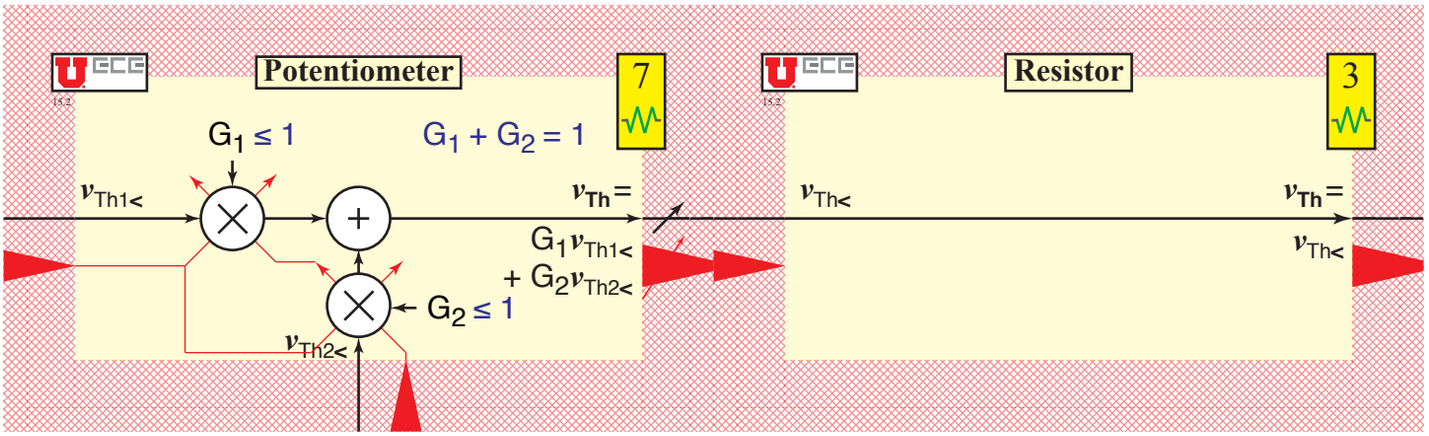

Resistor: variable
(CdS Photocell)
5
$v_{Th<}$
$v_{Th} =$
$v_{Th<}$

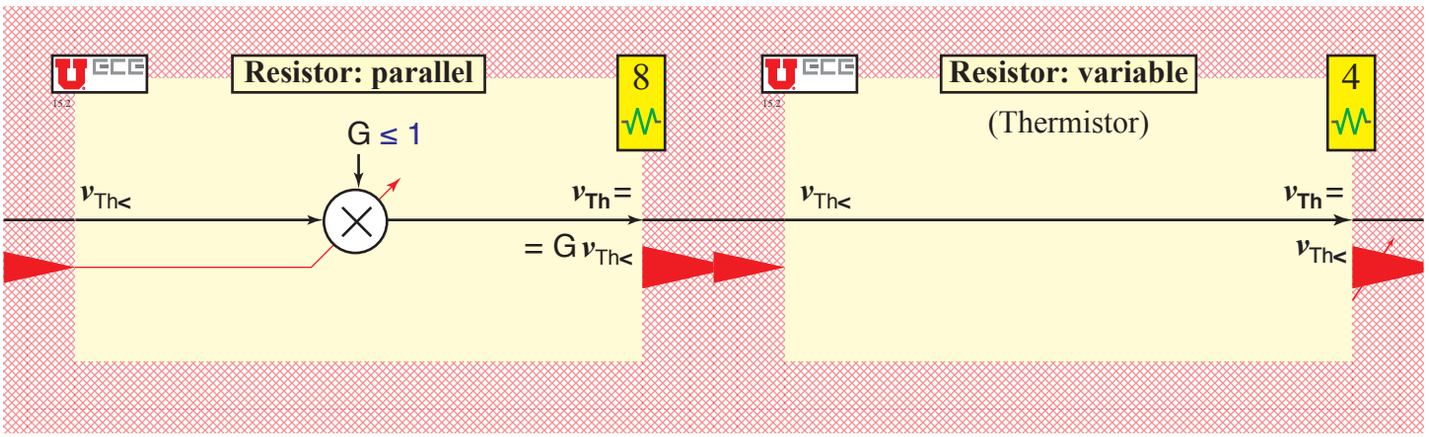
Voltage Source
1
v_{s1}
$v_{Th<}$
+
$v_{Th} =$
$v_{Th<} + v_{s1}$


V-Divider
6
G ≤ 1
$v_{Th<}$
$v_{Th} =$
$G\, v_{Th<}$

Voltage Source
2
v_{s2}
$v_{Th<}$
+
$v_{Th} =$
$v_{Th<} + v_{s2}$


Potentiometer
7
$G_1 \le 1$
$G_1 + G_2 = 1$
$v_{Th1<}$
+
$v_{Th} =$
$G_1 v_{Th1<}$
$+ G_2 v_{Th2<}$
$G_2 \le 1$
$v_{Th2<}$

Resistor
3
$v_{Th<}$
$v_{Th} =$
$v_{Th<}$


Resistor: parallel
8
G ≤ 1
$v_{Th<}$
$v_{Th} =$
$= G\, v_{Th<}$

Resistor: variable
(Thermistor)
4
$v_{Th<}$
$v_{Th} =$
$v_{Th<}$