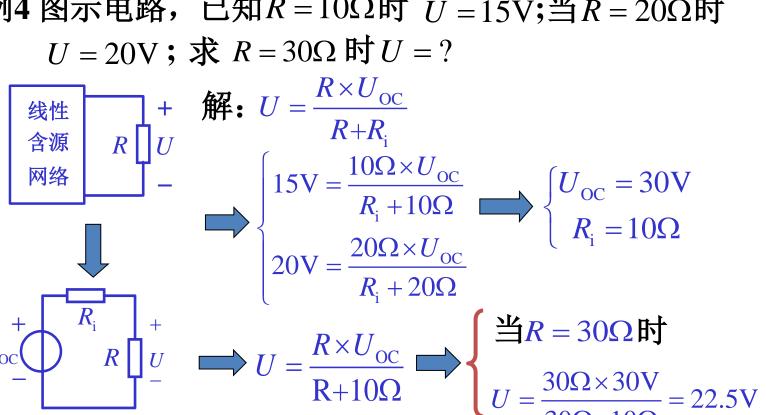
## 戴维南定理例题



例4图示电路,已知 $R=10\Omega$ 时 U=15V; 当 $R=20\Omega$ 时

$$U = 20V$$
;求  $R = 30\Omega$  时  $U = ?$ 



$$\longrightarrow U = \frac{R \times U_{\text{OC}}}{R + 100}$$

$$U = \frac{30\Omega \times 30V}{30\Omega + 10\Omega} = 22.5V$$