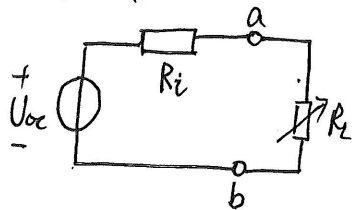


- 一、
1.  $80W$ ,  $-120W$
  2.  $0.8$ ,  $3.6J$
  3.  $0.6$ ,  $1200W$
  4.  $40$ ,  $20$
  5.  $0$ ,  $\frac{80}{7}V$

二、 1. 戴维南等效电路:



$R_L = R_i$  时取最大功率

$$P_{max} = \frac{U_{oc}^2}{4R_i} = \frac{2.5 \times 2.5}{4 \times 2.5} = \frac{5}{8} W$$

当且仅当  $R_L = 2.5 \Omega$