Figur 1

Beräkna den utvecklade effekten P i resistansen RL
Figur 1: U0=12V, I=10A, RL=0.8 Ohm

Solution:

- The formula for power (P) in the circuit is $P = I^2 * R$

Now, using the given values:

- U0 = 12V
- I = 10A
- Rl = 0.8 Ω (external resistance)

The Final calculations:

$P = 10^2 * (0.8)$

$P = 100 * 0.8$

$P = 80$ W