

In-class exercise

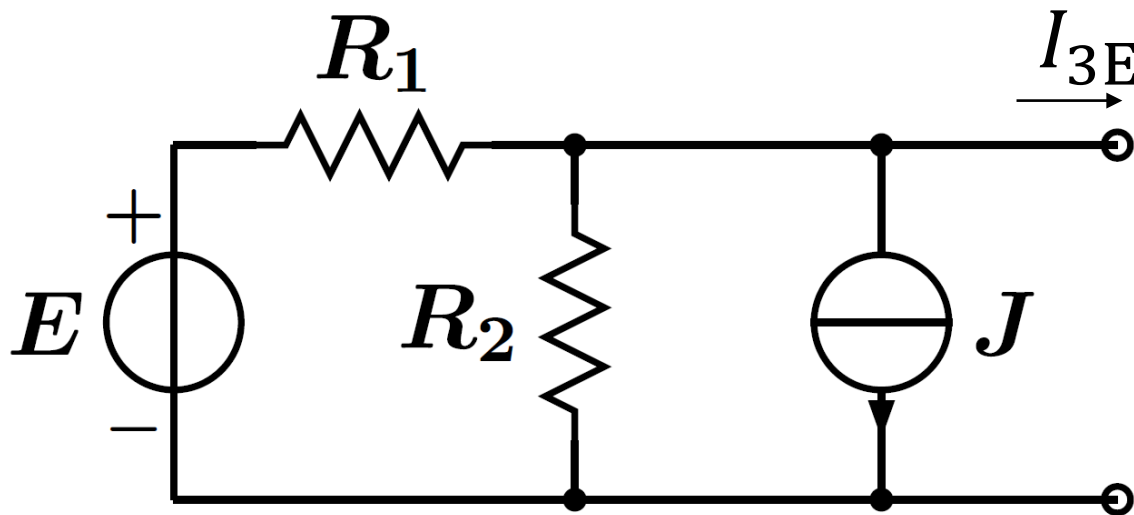
This exercise is about superposition.

- Deadline: 18:00 today
- Submission:
<https://mycourses.aalto.fi/course/view.php?id=33521§ion=2>

What is the current I_{3E} when turning off the current source J ?

We use the same resistor $R_3 = 1 \text{ k}\Omega$ as a load. Solve the circuit.

Is $I_{3J} + I_{3E} = I_3$, where we know $I_3 = 1 \text{ mA}$ and $I_{3J} = -\frac{1}{3} \text{ mA}$ from quizzes 3-4 and 3-6?



$$E = 4 \text{ V}, J = 1 \text{ mA}$$

$$R_1 = R_2 = 1 \text{ k}\Omega$$