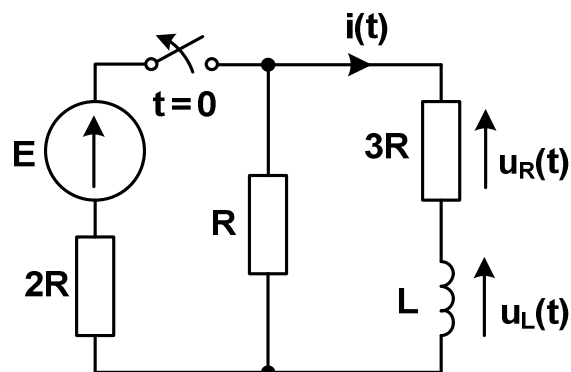


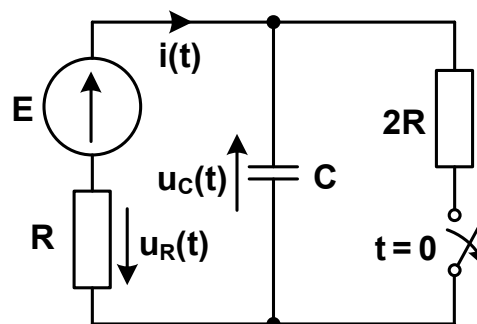
Module name: **Electrical Circuits 2**
 Module ID: **IS-FEE-10085S**
 Module type: **Class**
 Semester: **summer 2023/2024**
 Instructor: **Jarosław Forenc, j.forenc@pb.edu.pl**

Class 11 (28.05.2024)

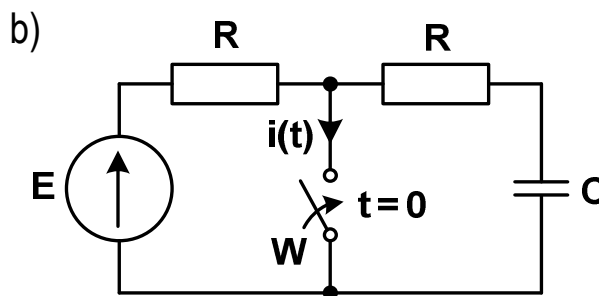
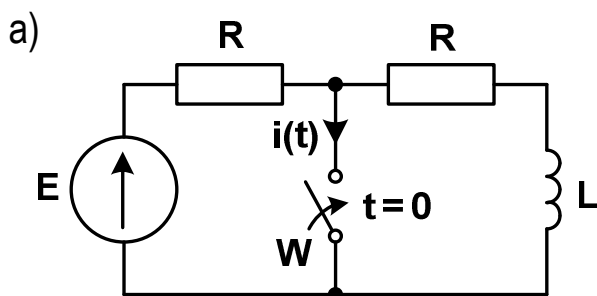
1. The circuit shown in the figure has been in a steady-state. The switch was open at $t = 0$. Find and plot $i(t)$, $u_R(t)$, $u_L(t)$. Use the Laplace transform.



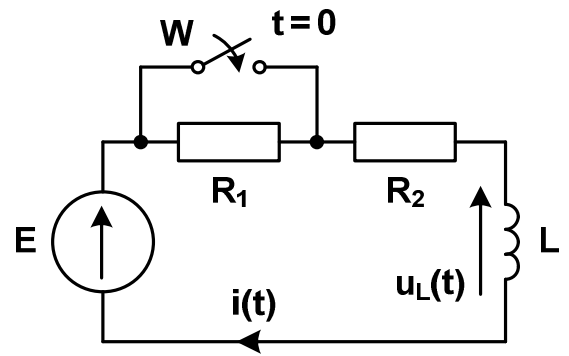
2. The circuit shown in the figure has been in a steady-state. The switch was open at $t = 0$. Find and plot $i(t)$, $u_R(t)$, $u_C(t)$. Use the Laplace transform.



3. The circuit shown in the figure has been in a steady-state. The switch was close at $t = 0$. Calculate and plot $i(t)$. Use the Laplace transform.



4. The circuit shown in the figure has been in a steady-state. The switch was close at $t = 0$. Calculate and plot $i(t)$ and $u_L(t)$. Use the Laplace transform.



28.05.2024

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