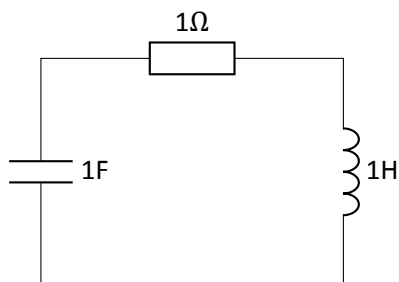


Oblig IV - Mere greier

Frist: 24. oktober kl 2359

- 1 Finn alle mulige strømmen i kretsen:



- 2 Forklar at

$$\ln 1 + x = \sum_{n=1}^{\infty} (-1)^{n+1} \frac{x^n}{n}$$

- 3 Finn

$$\int_0^{\infty} \frac{1}{1+x^2} dx$$