

Exercises

E23.1 [1QN] Let $f : [0, 1] \rightarrow \mathbb{R}$ be a function C^2 such that $f(0) = f(1) = 0$ and $f'(x) = f(x)f''(x)$ for every $x \in [0, 1]$.

Prove that the function f is identically zero.

Solution 1. [1QP]