

Exercises

16.39 [1G2] Prerequisites: Riemann integral, [14W], [14T], [1FZ]. Let

$$h(t) = \int_{a(t)}^{b(t)} f(t, z) \, dz$$

where a, b, f are C^1 class functions: show that h is class C^1 and calculate the derivative.

Solution 1. [1G3]