Exercises

E21.6 [1NY] Let $A \subseteq \mathbb{R}^n$ be open and let $f : A \to \mathbb{R}$ be a function. Show that f is continuous if and only if, for each curve $\gamma : [0,1] \to A$ we have that $f \circ \gamma$ is continuous.

Solution 1. *[1NZ]*