3.147 [095] Show that there is a function $f: \mathbb{R} \to \mathbb{R}$ such that f(f(x)) =-x. Is there a continuous function for which f(f(x)) = -x? (Hint:

show that for every such f you have $f^{-1}(\{0\}) = \{0\}$).

Exercises

Solution 1. [096]