

Exercises

E9.94 [OTW] Topics: isometry. Prerequisites: [OTT]. Difficulty: *.

Let (X, d) and (Y, δ) be two metric spaces of which X compact, $T : X \rightarrow Y$ and $S : Y \rightarrow X$ two *isometries*. Prove that T and S are bijective.

[[OTX]]

Solution 1. [OTY]