Exercises

E9.71 [oso] Show that a set $A \subseteq \mathbb{R}$ is an interval if and only it is convex, if and only if it is connected.

(A part of the proof is in Theorem 5.11.3 in [3]).

Solution 1. [OS1]

(Note how in this case the exercises [07F] and [0JQ] coincide).