

## Exercises

E9.65 [ORK] Find a sequence of sets  $C_n \subseteq \mathbb{R}^2$  that are closed and path connected, such that  $C_{n+1} \subseteq C_n$  and the intersection  $\bigcap_n C_n$  is non-empty, connected, but not path connected.

**Solution 1.** [ORM]