

Exercises

E9.71 [OSD] Difficulty: **. Let $A \subset \mathbb{R}$. We recall that $D(A)$ is the derivative of A (i.e. the set of accumulation points of A). Describe a closed set A such that the sets

$$A, D(A), D(D(A)), D(D(D(A))) \dots$$

are all different.

Solution 1. [OSF]