Exercises

E9.79 [OSQ] Prerequisites: [OH7], [OH9]. For each $A \subseteq \mathbb{R}^n$ closed non-empty set, there exists $B \subseteq A$ such that $A = \partial B$.

In which cases does there exist such a B that is countable?

In which cases does there exist such a B that is closed?

Solution 1. *[OSR]*

See also [OMH].

[[OST]]