Exercises

E14.6 [174] Prerequisites:[172],[0NZ]. If $A \subset \mathbb{R}^n$ is convex, $x \in A^\circ$ and $z \in \partial A$ then the segment that connects them is contained in A°, except possibly for the extreme z (i.e. $\forall t \in (0,1), tx + (1-t)z \in A^\circ$).

Solution 1. [175]