

## Exercises

E8.5 [OGF] Topics:interior. Given  $X$ , a topological space, and  $A \subseteq X$ , show that

$$A^\circ = (A^\circ)^\circ .$$

using the definition of  $A^\circ$  given above.

(For the case of  $X$  metric space, see also [OPJ])

**Solution 1.** [OGG]