Exercises

E8.5 [OGH] Topics:closing. Given X topological space and $A \subseteq X$, show that

$$\overline{A} = \overline{\left(\overline{A}\right)}$$

or by switching to complement with respect to [OGF], and using the definition of $\overline{A}$ like *"intersection of all the locks they contain A"*.

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