

## Exercises

E8.68 [OK6] Let  $(Y, \sigma)$  be a Hausdorff topological space and  $A \subseteq Y$ . Show that  $\overline{A}$  coincides with the set of all possible limits of nets  $\varphi : J \rightarrow A$  (varying  $J$  and then  $\varphi$ ).