## Exercises

3.101 [234]Prerequisites: [06P], [231]. If  $(X, \leq)$  a filtering set,  $Y \subseteq X$  is cofinal, and  $U \subseteq X$  is a neighborhood of  $\infty$  in X, show that  $U \cap Y$  is a neighborhood of  $\infty$  in Y.

Solution 1. [235]