

## Exercises

E14.20 [17P] Find an example of open convex sets  $A, B \subset \mathbb{R}^2$  with  $\bar{A}, \bar{B}$  disjoint, and such that there is a single hyperplane separating them (*i.e.* an "unique" choice of  $v, c$  that satisfies [(14.19)]; "unique", up to multiplying  $v, c$  by the same positive constant).

**Solution 1.** [17Q]