## Exercises

3.120 [078] (Proposed on 2022-10-13) Let B be a non-empty set that is bounded from below, let L the set of minorants of B: we note that L is upper bounded, and suppose that  $\alpha = \sup L$  exists: then  $\alpha \in L$  and  $\alpha =$ inf B.

Solution 1. [079]