Exercises

E6.26 [0B7] *(Solved on 2022-11-24)* Let $a_{n,m}$ be a real sequence with two indices $n \in I, m \in J$, show that

$$\sup_{n \in I, m \in J} a_{n,m} = \sup_{n \in I} \left(\sup_{m \in J} a_{n,m} \right) .$$

Solution 1. *[0B8]*