

Exercises

E8.81 [OKM] Let \mathcal{B} be a base for a topology τ on X ; chosen an open set $A \in \tau$, for every $x \in A$ we can choose a $B_x \in \mathcal{B}$ with $x \in B_x$, and such that $A = \bigcup_{x \in A} B_x$.

Solution 1. [OKN]