

Exercises

3.200 [26V] Prerequisites: [25Q], [01R], [263], [0DQ], [26S].

Let X be an ordinal, we define

$$x \leq y \doteq x \in y \vee x = y$$

we know from [25Q] that $x \leq y$ is a (possibly partial) order relation in X . Prove that $x \leq y$ is a well order.

Solution 1. [26W]