

## Exercises

3.216 [22H] Prerequisites: [1Z0], [1Z1]. If  $x \leq y \leq S(x)$  then  $y = x \vee y = S(x)$ .

**Solution 1.** [22J]

(The meaning of this result is that  $S(x)$  is the immediate successor of  $x$ , there is nothing in between...).