

## MATH 633 (HOMEWORK 1)

HIDENORI SHINOHARA

**Exercise.** (Problem 1)

- TODO
- Let  $z \in \overline{A} \setminus A$ .  $z$  is a limit point of  $A$  and  $A \subset B$ , so  $z$  is a limit point of  $B$ . Since  $B$  is closed,  $z \in B$ .