

**Axiom 1.** Let  $\tau$  be a term,  $A$  be a class and  $\varphi$  be a formula. If  $A$  is a set then  $\{\tau \in A \mid \varphi\}$  is a set.

**Corollary 2.** Let  $A$  be a set and  $B$  be a class. Assume that every element of  $B$  is an element of  $A$ . Then  $B$  is a set.

*Proof.* Define  $C := \{x \in A \mid x \in B\}$ . Then  $C$  is a set and  $C = B$ . ■