Definition 1. Let A be a class and a be an object and f be a map such that $A \subset \mathrm{dom}(f)$. A is *inductive regarding a and f* iff $a \in A$ and for all $x \in A$ we have $f(x) \in A$.

Axiom 2 (Axiom). Let A be a class and $a \in A$ and $f : A \to A$. Then there exists a subset of A that is inductive regarding a and f.