

ZTF

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1 Axioms

Existentiality: $\mathbb{A} = a_1, a_2, \dots \wedge \mathbb{B} = a_1, a_2, \dots \implies$ theres no reason to use B, they're equal.

Pairing: if \mathbb{A} and \mathbb{B} is at set then theres a set with its content being $\{\mathbb{A}, \mathbb{B}\}$

Union: set of sets $\mathbb{S} = \mathbb{A}, \mathbb{B}, \mathbb{C}$ is equal to $\bigcup \mathbb{S} = \mathbb{A} \cup \mathbb{B} \cup \mathbb{C} \cup \dots$

Power set: $\forall \mathbb{S} \mid \mathcal{P}(\mathbb{S})$ is equal to every subset of S