

$$(\forall x) P(x)$$

unbounded
quantifier

$$(\forall x \in S) P(x)$$

bounded
quantifier

$$(\exists x) P(x)$$

$$(\exists x \in S) P(x)$$

$$(\forall x \in S) P(x)$$

$$(\forall x) [(x \in S) \rightarrow P(x)]$$

$$(\exists x \in S) P(x)$$

$$(\exists x) [(x \in S) \wedge P(x)]$$

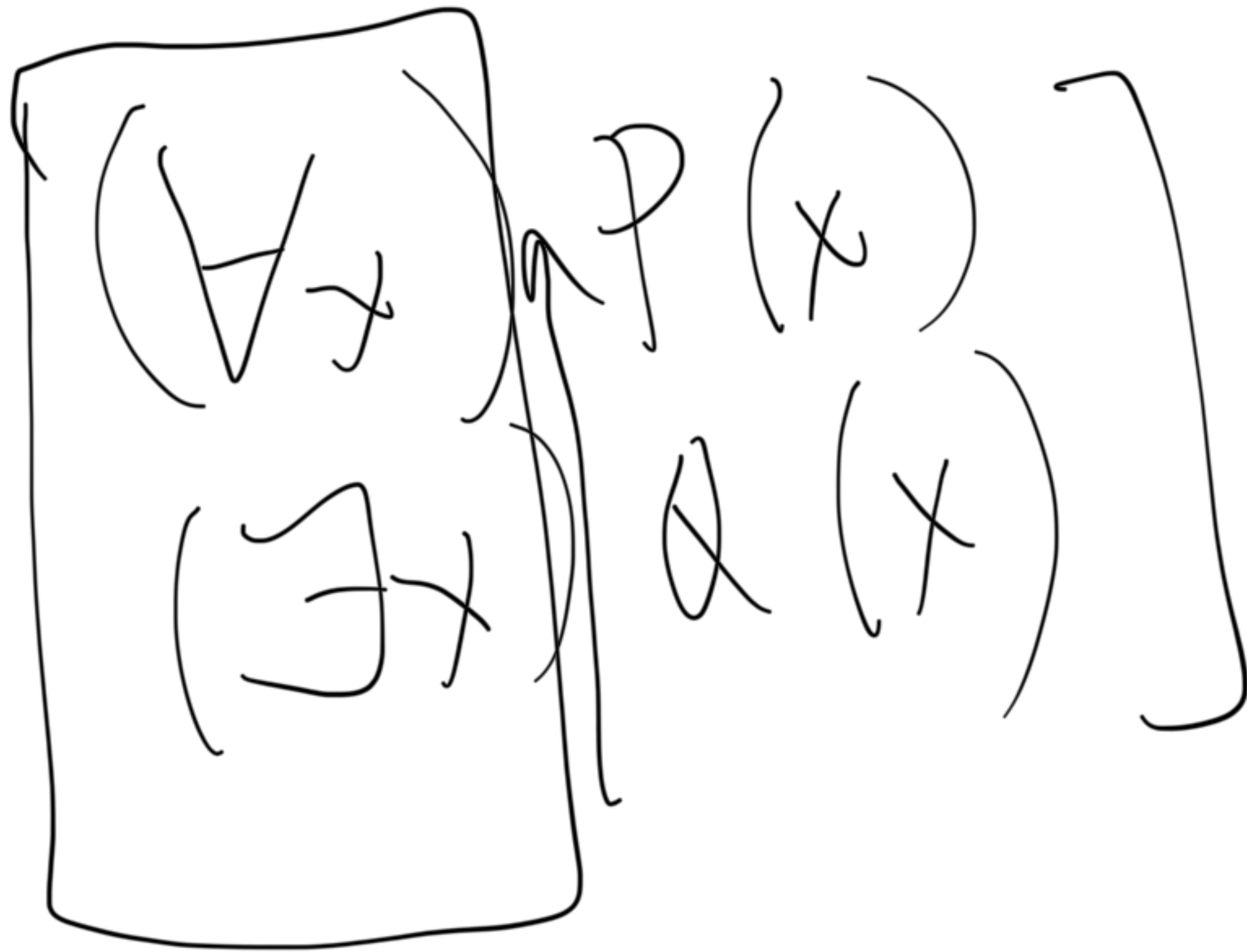
$$S(x)$$

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$$(\forall x \in S) P(x)$$

$$(\exists x \in S) P(x)$$

bounded
quantifiers



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quantifiers