Let $x \geq 0$, with tow porpositions:
- A: $\forall > 0$, $0 \leq x \leq \epsilon$;
- B: $x = 0$.
Proove that $A \Rightarrow B$.

Proof by contradiction:
Suppose that $x \neq 0, \exists \epsilon > 0 \quad | \quad \epsilon = \frac{x}{2}$ (B is false)
$\Rightarrow x > 0 \quad and \quad x > \epsilon$ (A is false)
Then : $A \Rightarrow B$ is true.