

Homework in Org-mode

This is a demonstration of my homework L^AT_EX class. It is an extension of the `amsart` and should have all of its functionality. These are some of the set symbols: $\mathbb{C} \supset \mathbb{R} \supset \mathbb{Q} \supset \mathbb{Z} \supset \mathbb{N}$, then some Greek and other mathematical symbols are, $\alpha, \varepsilon, \partial, \rightarrow, \Rightarrow, \hookrightarrow, \twoheadrightarrow, \hookleftarrow$.

Question 99. Prove that $\exists(x, y) \in \mathbb{Z}$ such that $x + y = 4$.

Proof. Four is the sum of two integers.

$1, 3 \in \mathbb{Z}$ and $1 + 3 = 4$.

QED.

BAYT EL-HIKMAH