







MINDUCTUM

Assume $(P)^2 + 2$ $\forall P \in IN$ and $\forall g \in IN$, $g \in IN$.

Nos $(P)^2 + 2$. $\forall P$, BY contradiction.

Claim 1: If $(P)^2 = 2$ $\forall P \in IN$ $O \neq P = 1$.

Claim 2: If $(P)^2 = 2$ $\forall P \in IN$ $(2n-P)^2 = 2$ Which contradicts $E \in I$. $E \in I$.