[12pt]article amsmath, amssymb, xcolor [margin=1in]geometry

Vector Space Proof Demonstration

Generated by the Khwarizmi Symbolic System

Goal: Prove that $(u + -1 \cdot u) = 0$.

Proof:

$$(2)\ (u + -1 \cdot u) = 0 \quad [VS\_Add\_Inv]$$

Hence, $0 = 0$

Proof log automatically generated by Khwarizmi. All transformations follow registered axioms.