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

Vector Space Proof Demonstration

Generated by the Khwarizmi Symbolic System

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

$$\text{Start:} \quad (u + -1 \cdot u)$$

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

$$\text{Final Result:} \quad 0$$

Q.E.D.