

Vector Space Proof Demonstration

Generated by the Khwarizmi Symbolic System

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

$$\begin{array}{ll} \text{Start:} & 1 \cdot (u + v) \\ (1) & 1 \cdot (u + v) = (u + v) \quad [VS_Scalar_Id] \end{array}$$

Final Result: $(u + v)$

Q.E.D.