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

Vector Space Proof Demonstration

Generated by the Khwarizmi Symbolic System

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

Proof:

(2)
$$1 \cdot (u+v) = (u+v)$$
 [VS_Scalar_Id]

Hence,
$$(u + v) = (u + v)$$