

Vector Space Proof Demonstration

Generated by the Khwarizmi Symbolic System

Goal: Prove that $1 \cdot 1 \cdot u = u$

Start: $1 \cdot 1 \cdot u$

$$(1) \ 1 \cdot 1 \cdot u = 1 \cdot u \quad [VS_Scalar_Id]$$

$$(1a) \ 1 \cdot u = u \quad [VS_Scalar_Id]$$

Final Result: u

Q.E.D.