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

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

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

Final Result: u

Q.E.D.