

t2_prvect_1 (TMXZprDdBkdnD- sikocMKp6VLA9GdbP1jgQU)

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Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v13_algstr_0 : \iota \Rightarrow o$ be given. Let $v2_rlvect_1 : \iota \Rightarrow o$ be given. Let $v3_rlvect_1 : \iota \Rightarrow o$ be given. Let $v4_rlvect_1 : \iota \Rightarrow o$ be given. Let $l2_algstr_0 : \iota \Rightarrow o$ be given. Let $r1_finseqop : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k5_vectsp_1 : \iota \Rightarrow \iota$ be given. Let $u1_algstr_0 : \iota \Rightarrow \iota$ be given. Let $v1_algstr_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. (&(\neg v2_struct_0 X0) \wedge ((v13_algstr_0 X0) \wedge ((v1_algstr_1 \\ &X0) \wedge ((v3_rlvect_1 X0) \wedge ((v4_rlvect_1 X0) \wedge (l2_algstr_0 X0)))))) \Rightarrow \quad (1) \\ &(r1_finseqop (u1_struct_0 X0) (k5_vectsp_1 X0) (u1_algstr_0 X0)) \end{aligned}$$

Assume the following.

$$\begin{aligned} \forall X0. (l2_algstr_0 X0) \Rightarrow &(((\neg v2_struct_0 X0) \wedge ((v2_rlvect_1 \\ &X0) \wedge (v4_rlvect_1 X0))) \Rightarrow ((\neg v2_struct_0 X0) \wedge (v1_algstr_1 X0))) \quad (2) \end{aligned}$$

Theorem 1

$$\begin{aligned} \forall X0. (&(\neg v2_struct_0 X0) \wedge ((v13_algstr_0 X0) \wedge ((v2_rlvect_1 \\ &X0) \wedge ((v3_rlvect_1 X0) \wedge ((v4_rlvect_1 X0) \wedge (l2_algstr_0 X0)))))) \Rightarrow \\ &(r1_finseqop (u1_struct_0 X0) (k5_vectsp_1 X0) (u1_algstr_0 X0)) \end{aligned}$$