

t4_matrix_5

(TMa9kW8Fi4pWo3UZ7NtxjiPN4qpG3ufveM3)

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Let $v1_matrix_1 : \iota \Rightarrow o$ be given. Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_finseq_2 : \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_complfld : \iota$ be given. Let $k2_matrix_5 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((v1_matrix_1 X0) \wedge (m2_finseq_1 X0 (k3_finseq_2 (u1_struct_0 k1_complfld)))) \Rightarrow (k2_matrix_5 X0 = X0) \quad (1)$$

Theorem 1

$$\forall X0.((v1_matrix_1 X0) \wedge (m2_finseq_1 X0 (k3_finseq_2 (u1_struct_0 k1_complfld)))) \Rightarrow (\forall X1.((v1_matrix_1 X1) \wedge (m2_finseq_1 X1 (k3_finseq_2 (u1_struct_0 k1_complfld)))) \Rightarrow ((k2_matrix_5 X0 = k2_matrix_5 X1) \Rightarrow (X0 = X1)))$$