

t7_matrix_5

(TMU17wtHRXP5Ez3ovkYrTXM2RgRHiRTyTCE)

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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 $k2_numbers : \iota$ be given. Let $k3_finseq_1 : \iota \Rightarrow \iota$ be given. Let $k1_matrix_5 : \iota \Rightarrow \iota$ be given. Let $k1_matrix_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. ((v1_matrix_1 X0) \wedge (m2_finseq_1 X0 (k3_finseq_2 k2_numbers))) \Rightarrow (k1_matrix_5 X0 = X0) \tag{1}$$

Theorem 1

$$\forall X0. ((v1_matrix_1 X0) \wedge (m2_finseq_1 X0 (k3_finseq_2 k2_numbers))) \Rightarrow ((k3_finseq_1 X0 = k3_finseq_1 (k1_matrix_5 X0)) \wedge (k1_matrix_1 X0 = k1_matrix_1 (k1_matrix_5 X0)))$$