

t54_matrixc1

(TMT7n7vgqokmbsAEJsopg3Hg6gQQpbzd6eX)

October 27, 2020

Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_numbers : \iota$ be given. Let $k3_finseq_1 : \iota \Rightarrow \iota$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k8_complsp2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k15_complex1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(m2_finseq_1 X0 k2_numbers) \Rightarrow (\forall X1.(m2_finseq_1 \\ X1 k2_numbers) \Rightarrow (k8_complsp2 X0 X1 = k15_complex1 (k8_complsp2 \\ X1 X0))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} \forall X0.(m2_finseq_1 X0 k2_numbers) \Rightarrow (\forall X1.(m2_finseq_1 \\ X1 k2_numbers) \Rightarrow ((k3_finseq_1 X0 = k3_finseq_1 X1) \Rightarrow ((r1_xxreal_0 \\ (k3_finseq_1 X1) k6_numbers) \vee (k8_complsp2 X0 X1 = k15_complex1 \\ (k8_complsp2 X1 X0)))))) \end{aligned}$$