

t23_jordan5b (TMGxHgkD- CwRht7SD1eKC9twm6Rm7vhFCsdS)

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Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k15_euclid : \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_funct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_finseq_1 : \iota \Rightarrow \iota$ be given. Let $k3_topreal1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v4_topreal1 : \iota \Rightarrow o$ be given. Let $k2_jordan3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned}
 & \forall X0.(m2_finseq_1 X0 (u1_struct_0 (k15_euclid np_2))) \Rightarrow \\
 & (\forall X1.(m1_subset_1 X1 (u1_struct_0 (k15_euclid np_2))) \Rightarrow \\
 & (\forall X2.(m1_subset_1 X2 (u1_struct_0 (k15_euclid np_2))) \Rightarrow \\
 & (\neg(X1 \in k3_topreal1 np_2 X0) \wedge ((X2 \in k3_topreal1 np_2 X0) \wedge ((X1 \neq \\
 & k1_funct_1 X0 (k3_finseq_1 X0)) \wedge ((v4_topreal1 X0) \wedge ((\neg X1 \in k3_topreal1 \\
 & np_2 (k2_jordan3 X0 X2)) \wedge (\neg X2 \in k3_topreal1 np_2 (k2_jordan3 \\
 & X0 X1))))))))))
 \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned}
 & \forall X0.(m2_finseq_1 X0 (u1_struct_0 (k15_euclid np_2))) \Rightarrow \\
 & (\forall X1.(m1_subset_1 X1 (u1_struct_0 (k15_euclid np_2))) \Rightarrow \\
 & (\forall X2.(m1_subset_1 X2 (u1_struct_0 (k15_euclid np_2))) \Rightarrow \\
 & (\neg(X1 \neq k1_funct_1 X0 (k3_finseq_1 X0)) \wedge ((X1 \in k3_topreal1 np_2 \\
 & X0) \wedge ((X2 \in k3_topreal1 np_2 X0) \wedge ((v4_topreal1 X0) \wedge ((\neg X1 \in k3_topreal1 \\
 & np_2 (k2_jordan3 X0 X2)) \wedge (\neg X2 \in k3_topreal1 np_2 (k2_jordan3 \\
 & X0 X1))))))))))
 \end{aligned}$$