

t4_jordan1g
(TMQdV9NzyS3JAhEyR8JmW4VZa6SBu4fE3VU)

October 27, 2020

Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $v2_connsp_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k15_euclid : \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $v2_compts_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_sppol_1 : \iota \Rightarrow o$ be given. Let $v2_sppol_1 : \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $r1_goboard1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_jordan1e : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_jordan8 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. ((v2_connsp_1 X0 (k15_euclid np_2)) \wedge ((v2_compts_1 \\ & X0 (k15_euclid np_2)) \wedge ((\neg v1_sppol_1 X0) \wedge ((\neg v2_sppol_1 X0) \wedge \\ & (m1_subset_1 X0 (k1_zfmisc_1 (u1_struct_0 (k15_euclid np_2)))))))) \Rightarrow \\ & (\forall X1. (m1_subset_1 X1 k5_numbers) \Rightarrow (r1_goboard1 (u1_struct_0 \\ & (k15_euclid np_2)) (k1_jordan1e X0 X1) (k1_jordan8 X0 X1))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0. (m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1. ((v2_connsp_1 \\ & X1 (k15_euclid np_2)) \wedge ((v2_compts_1 X1 (k15_euclid np_2)) \wedge \\ & ((\neg v1_sppol_1 X1) \wedge ((\neg v2_sppol_1 X1) \wedge (m1_subset_1 X1 (k1_zfmisc_1 \\ & (u1_struct_0 (k15_euclid np_2)))))))) \Rightarrow (r1_goboard1 (u1_struct_0 \\ & (k15_euclid np_2)) (k1_jordan1e X1 X0) (k1_jordan8 X1 X0))) \end{aligned}$$