

l155_jordan
(TMHzob36K2oFLcqf96qD83vzssUS8rHVzeH)

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Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_rltopsp1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k15_euclid : \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k19_euclid : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_real_1 : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $np_3 : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k1_sppol_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. ((r1_tarski X0 X1) \wedge (r1_tarski X1 X2)) \Rightarrow (r1_tarski X0 X2) \quad (1)$$

Assume the following.

$$r1_tarski (k1_rltopsp1 (k15_euclid np_2) (k19_euclid (k1_real_1 np_1) np_3) (k19_euclid k6_numbers np_3)) (k1_rltopsp1 (k15_euclid np_2) (k19_euclid (k1_real_1 np_1) np_3) (k19_euclid np_1 np_3)) \quad (2)$$

Assume the following.

$$r1_tarski (k1_rltopsp1 (k15_euclid np_2) (k19_euclid (k1_real_1 np_1) np_3) (k19_euclid np_1 np_3)) (k1_sppol_2 (k1_real_1 np_1) np_1 (k1_real_1 np_3) np_3) \quad (3)$$

Theorem 1

$$r1_tarski (k1_rltopsp1 (k15_euclid np_2) (k19_euclid (k1_real_1 np_1) np_3) (k19_euclid k6_numbers np_3)) (k1_sppol_2 (k1_real_1 np_1) np_1 (k1_real_1 np_3) np_3)$$