

t2_chord

(TMPuyAvZsTGTk2owq7G31gpJGcBVsL5pqSa)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_abian : \iota \Rightarrow o$ be given. Let $k6_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_int_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. ((\neg v1_xboole_0 X0) \wedge (v7_ordinal1 X0)) \Rightarrow ((v7_ordinal1 (k6_xcmplx_0 X0 np_1)) \wedge (r1_xxreal_0 np_1 X0)) \quad (1)$$

Assume the following.

$$\forall X0. (v7_ordinal1 X0) \Rightarrow (v1_int_1 X0) \quad (2)$$

Assume the following.

$$\forall X0. ((v1_int_1 X0) \wedge (\neg v1_abian X0)) \Rightarrow ((\neg v1_xboole_0 X0) \wedge (v1_int_1 X0)) \quad (3)$$

Theorem 1

$$\forall X0. ((v7_ordinal1 X0) \wedge (\neg v1_abian X0)) \Rightarrow ((v7_ordinal1 (k6_xcmplx_0 X0 np_1)) \wedge (r1_xxreal_0 np_1 X0))$$