

t49_borsuk_7

(TMVRUFy4kskBQsQfQgZ1CSFAHc9MyePxA5E)

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Let $v1_int_1 : \iota \Rightarrow o$ be given. Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $k2_complex2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_real_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k8_real_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k32_sin_cos : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 k1_numbers) \Rightarrow (\forall X1.(v1_xcmplx_0 \\ & X1) \Rightarrow (\forall X2.(v1_int_1 X2) \Rightarrow (k2_complex2 X1 X0 = k2_complex2 \\ & X1 (k7_real_1 X0 (k8_real_1 (k8_real_1 np_2 k32_sin_cos) X2)))))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} & \forall X0.(v1_int_1 X0) \Rightarrow (\forall X1.(v1_xcmplx_0 X1) \Rightarrow (\forall X2. \\ & (m1_subset_1 X2 k1_numbers) \Rightarrow (k2_complex2 X1 X2 = k2_complex2 X1 \\ & (k7_real_1 X2 (k8_real_1 (k8_real_1 np_2 k32_sin_cos) X0)))))) \end{aligned}$$