

t14_int_6
(TMSYaetyDb77U4Zae6PyG7wwshf5RgdggHc)

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Let $v1_int_1 : \iota \Rightarrow o$ be given. Let $k3_int_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_int_2 : \iota \Rightarrow \iota$ be given. Let $k16_complex1 : \iota \Rightarrow \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_xreal_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1_int_1 X0) \Rightarrow (\forall X1.(v1_int_1 X1) \Rightarrow (k3_int_2 X0 X1 = k3_int_2 (k1_int_2 X0) (k1_int_2 X1))) \quad (1)$$

Assume the following.

$$\forall X0.(v1_int_1 X0) \Rightarrow (k1_int_2 X0 = k16_complex1 X0) \quad (2)$$

Assume the following.

$$\forall X0.(v1_int_1 X0) \Rightarrow (k1_int_2 (k1_int_2 X0) = k1_int_2 X0) \quad (3)$$

Assume the following.

$$\forall X0.(v1_int_1 X0) \Rightarrow ((v7_ordinal1 (k16_complex1 X0)) \wedge (v1_xreal_0 (k16_complex1 X0))) \quad (4)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (v1_int_1 X0) \quad (5)$$

Theorem 1

$$\forall X0.(v1_int_1 X0) \Rightarrow (\forall X1.(v1_int_1 X1) \Rightarrow (k3_int_2 X0 X1 = k3_int_2 X0 (k1_int_2 X1)))$$