t81_complex2 (TMaVPv-gowVS1WD94HuHa9aM7JRSvknKUL2M)

October 27, 2020

Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_numbers : \iota$ be given. Let $k4\_complex2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k1\_comptrig : \iota \Rightarrow \iota$ be given. Let $k11\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k2\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k2\_numbers) \Rightarrow (\forall X2.(m1\_subset\_1\ X2\ k2\_numbers) \Rightarrow ((k4\_complex2\ X0\ X1\ X2 = k6\_numbers) \Rightarrow ((k1\_comptrig\ (k11\_complex1\ X0\ X1) = k1\_comptrig\ (k11\_complex1\ X2\ X1)) \wedge (k4\_complex2\ X2\ X1\ X0 = k6\_numbers))))) \tag{1}$$

Theorem 1

$$\forall X0.(m1\_subset\_1\ X0\ k2\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k2\_numbers) \Rightarrow (\forall X2.(m1\_subset\_1\ X2\ k2\_numbers) \Rightarrow (\neg(k4\_complex2\ X0\ X1\ X2 \neq k6\_numbers) \wedge (k4\_complex2\ X2\ X1\ X0 = k6\_numbers))))$$