

t1_flgang_1 (TMQy-
Wcs6C8a6LBawarJPzceyDYWw1YmNh5V)

October 27, 2020

Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (\forall X2. \\ & (v7_ordinal1 X2) \Rightarrow ((r1_xxreal_0 (k2_xcmplx_0 X0 X1) X2) \Rightarrow ((r1_xxreal_0 \\ & X0 X2) \wedge (r1_xxreal_0 X1 X2)))))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (\forall X2. \\ & (v7_ordinal1 X2) \Rightarrow (\neg(\neg(r1_xxreal_0 X0 X1) \wedge (r1_xxreal_0 X2 X1)) \wedge \\ & (r1_xxreal_0 (k2_xcmplx_0 X0 X2) X1)))))) \end{aligned}$$