

t73_xreal_1
 (TMJphiaiR4gaBsMseZox21CN2JNTXtS6fRz)

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Let $v1_xreal_0 : \iota \Rightarrow o$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k7_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(v1_xreal_0 X0) \Rightarrow (\forall X1.(v1_xreal_0 X1) \Rightarrow (\forall X2. \\ & (v1_xreal_0 X2) \Rightarrow (\neg(r1_xxreal_0 X0 k6_numbers) \wedge (\neg r1_xxreal_0 \\ & (k7_xcmplx_0 X2 X0) (k7_xcmplx_0 X1 X0)) \wedge (r1_xxreal_0 X1 X2)))))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} & \forall X0.(v1_xreal_0 X0) \Rightarrow (\forall X1.(v1_xreal_0 X1) \Rightarrow (\forall X2. \\ & (v1_xreal_0 X2) \Rightarrow (((r1_xxreal_0 X0 k6_numbers) \wedge (r1_xxreal_0 \\ & X1 X2)) \Rightarrow (r1_xxreal_0 (k7_xcmplx_0 X2 X0) (k7_xcmplx_0 X1 X0)))))) \end{aligned}$$