

t14_euler_1
(TMNarzkh3GUoN9c9V8znzz28wmhQXpfifQC)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_int_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k3_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_int_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(v1_int_1 X0) \Rightarrow (\forall X1.(v1_int_1 X1) \Rightarrow (\forall X2. \\ & (v1_int_1 X2) \Rightarrow (((r1_int_2 X0 X1) \wedge (r1_int_2 X2 X1)) \Rightarrow (r1_int_2 \\ & (k3_xcmplx_0 X0 X2) X1)))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (v1_int_1 X0) \quad (2)$$

Theorem 1

$$\begin{aligned} & \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (\forall X2. \\ & (v7_ordinal1 X2) \Rightarrow (((r1_int_2 X0 X1) \wedge (r1_int_2 X2 X1)) \Rightarrow ((X0 = k6_numbers) \vee \\ & ((X1 = k6_numbers) \vee (r1_int_2 (k3_xcmplx_0 X0 X2) X1)))))) \end{aligned}$$