t25_int_5 (TMJBo8gx3NPyKd32wyvmjLtmeYMSUZDnize)

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Let $v1\_int\_1 : \iota \Rightarrow o$ be given. Let $v7\_ordinal1 : \iota \Rightarrow o$ be given. Let $v1\_int\_2 : \iota \Rightarrow o$ be given. Let $k2\_int\_5 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k4\_xcmplx\_0 : \iota \Rightarrow \iota$ be given. Let $r1\_int\_5 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_int\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1\_int\_1\ X0) \Rightarrow (\forall X1.((v7\_ordinal1\ X1) \wedge (v1\_int\_2\ X1)) \Rightarrow (((r1\_int\_5\ X0\ X1) \Rightarrow ((k6\_int\_1\ X0\ X1 = k6\_numbers) \vee (k2\_int\_5\ X0\ X1 = np\_\_1))) \wedge ((((r1\_int\_5\ X0\ X1) \wedge (k6\_int\_1\ X0\ X1 = k6\_numbers)) \Rightarrow (k2\_int\_5\ X0\ X1 = k6\_numbers)) \wedge (\neg(\neg(r1\_int\_5\ X0\ X1) \wedge (k6\_int\_1\ X0\ X1 \neq k6\_numbers)) \wedge ((\neg(r1\_int\_5\ X0\ X1) \wedge (k6\_int\_1\ X0\ X1 = k6\_numbers)) \wedge (k2\_int\_5\ X0\ X1 \neq k4\_xcmplx\_0\ np\_\_1))))))) \tag{1}$$

Theorem 1

$$\forall X0.(v1\_int\_1\ X0) \Rightarrow (\forall X1.((v7\_ordinal1\ X1) \wedge (v1\_int\_2\ X1)) \Rightarrow (\neg(k2\_int\_5\ X0\ X1 \neq np\_\_1) \wedge ((k2\_int\_5\ X0\ X1 \neq k6\_numbers) \wedge (k2\_int\_5\ X0\ X1 \neq k4\_xcmplx\_0\ np\_\_1))))$$