

t21_rfinseq2 (TM-
bLChjBS2pxNWMWPXBnw8MupVWLuYqWgtV)

October 27, 2020

Let $v1_intgra2 : \iota \Rightarrow o$ be given. Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $k6_rfinseq2 : \iota \Rightarrow \iota$ be given. Let $r2_classes1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(m2_finseq_1 X0 k1_numbers) \Rightarrow (\exists X1.((v1_intgra2 X1) \wedge (m2_finseq_1 X1 k1_numbers)) \wedge (r2_classes1 X0 X1)) \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0.((v1_intgra2 X0) \wedge (m2_finseq_1 X0 k1_numbers)) \Rightarrow (\\ \forall X1.((v1_intgra2 X1) \wedge (m2_finseq_1 X1 k1_numbers)) \Rightarrow (\\ (r2_classes1 X0 X1) \Rightarrow (X0 = X1))) \end{aligned} \quad (2)$$

Assume the following.

$$\forall X0.(m2_finseq_1 X0 k1_numbers) \Rightarrow (\forall X1.((v1_intgra2 X1) \wedge (m2_finseq_1 X1 k1_numbers)) \Rightarrow ((X1 = k6_rfinseq2 X0) \Leftrightarrow (r2_classes1 X0 X1))) \quad (3)$$

Theorem 1

$$\forall X0.((v1_intgra2 X0) \wedge (m2_finseq_1 X0 k1_numbers)) \Rightarrow (k6_rfinseq2 X0 = X0)$$