t73_modelc_2 (TMUsX1QLeZVcuTKnmHcHEn5dEkQuLJyyjq8)

October 27, 2020

Let $v1\_modelc\_2 : \iota \Rightarrow o$ be given. Let $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_numbers : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k25\_modelc\_2 : \iota \Rightarrow \iota$ be given. Let $k43\_modelc\_2 : \iota$ be given. Let $r7\_modelc\_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3\_modelc\_2 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((v1\_modelc\_2\ X0) \wedge (m2\_finseq\_1\ X0\ k5\_numbers)) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k25\_modelc\_2\ k43\_modelc\_2)) \Rightarrow ((r7\_modelc\_2\ X1\ (k3\_modelc\_2\ X0)) \Leftrightarrow (\neg r7\_modelc\_2\ X1\ X0))) \quad (1)$$

Theorem 1

$$\forall X0.((v1\_modelc\_2\ X0) \wedge (m2\_finseq\_1\ X0\ k5\_numbers)) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k25\_modelc\_2\ k43\_modelc\_2)) \Rightarrow ((\neg r7\_modelc\_2\ X1\ (k3\_modelc\_2\ X0)) \Leftrightarrow (r7\_modelc\_2\ X1\ X0)))$$