t54_zf_lang1 (TMbY-DjY1iBcKagFn8wSYaLTNmESdyeMEs8q)

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Let $v1\_zf\_lang : \iota \Rightarrow o$ be given. Let $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_numbers : \iota$ be given. Let $k29\_zf\_lang : \iota \Rightarrow \iota$ be given. Let $r2\_zf\_lang : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.((v1\_zf\_lang\ X0) \wedge (m2\_finseq\_1\ X0\ k5\_numbers)) \Rightarrow (r2\_zf\_lang\ X0\ X0) \tag{1}$$

Assume the following.

$$\forall X0.((v1\_zf\_lang\ X0) \wedge (m2\_finseq\_1\ X0\ k5\_numbers)) \Rightarrow (\forall X1.\ (X1 = k29\_zf\_lang\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (\exists X3.((v1\_zf\_lang\ X3) \wedge (m2\_finseq\_1\ X3\ k5\_numbers)) \wedge ((X3 = X2) \wedge (r2\_zf\_lang\ X3\ X0))))) \tag{2}$$

Theorem 1

$$\forall X0.((v1\_zf\_lang\ X0) \wedge (m2\_finseq\_1\ X0\ k5\_numbers)) \Rightarrow (X0 \in k29\_zf\_lang\ X0)$$