t10_zfrefle1 (TMc1uPH5wh4icMJjkg9bPpK5jptvK36FxzA)

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Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $v1\_zf\_model : \iota \Rightarrow o$ be given. Let $r2\_zfrefle1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_ordinal1 : \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k9\_zf\_lang : \iota$ be given. Let $r1\_zfrefle1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_zfrefle1 : \iota$ be given. Assume the following.

$$\forall X0.(\neg v1\_xboole\_0\ X0) \Rightarrow (\forall X1.(\neg v1\_xboole\_0\ X1) \Rightarrow ((r2\_zfrefle1\ X0\ X1) \Leftrightarrow (\forall X2.(m1\_subset\_1\ X2\ (k1\_zfmisc\_1\ k9\_zf\_lang)) \Rightarrow ((r1\_zfrefle1\ X0\ X2) \Leftrightarrow (r1\_zfrefle1\ X1\ X2))))) \tag{1}$$

Assume the following.

$$\forall X0.(\neg v1\_xboole\_0\ X0) \Rightarrow (((r1\_zfrefle1\ X0\ k2\_zfrefle1) \wedge (v1\_ordinal1\ X0)) \Rightarrow (v1\_zf\_model\ X0)) \tag{2}$$

Assume the following.

$$\forall X0.(\neg v1\_xboole\_0\ X0) \Rightarrow ((v1\_zf\_model\ X0) \Rightarrow (r1\_zfrefle1\ X0\ k2\_zfrefle1)) \tag{3}$$

Assume the following.

$$m1\_subset\_1\ k2\_zfrefle1\ (k1\_zfmisc\_1\ k9\_zf\_lang) \tag{4}$$

Theorem 1

$$\forall X0.(\neg v1\_xboole\_0\ X0) \Rightarrow (\forall X1.(\neg v1\_xboole\_0\ X1) \Rightarrow (((v1\_zf\_model\ X0) \wedge ((r2\_zfrefle1\ X0\ X1) \wedge (v1\_ordinal1\ X1))) \Rightarrow (v1\_zf\_model\ X1)))$$