t75_funct_8 (TMWwvvSqMtvKqBu3byPDMJkkY3SGPAScKa9)

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Let $v1\_funct\_8 : \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k1\_numbers : \iota$ be given. Let $r2\_funct\_8 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k37\_valued\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k16\_sin\_cos : \iota$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_numbers : \iota$ be given. Let $v1\_funct\_1 : \iota \Rightarrow o$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.((v1\_funct\_8\ X0) \wedge (m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ k1\_numbers))) \Rightarrow (r2\_funct\_8\ X0\ k1\_numbers\ k1\_numbers\ k16\_sin\_cos) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ X1)) \Leftrightarrow (r1\_tarski\ X0\ X1) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.((r1\_tarski\ X0\ X1) \wedge (r1\_tarski\ X1\ X2)) \Rightarrow (r1\_tarski\ X0\ X2) \tag{3}$$

Assume the following.

$$\forall X0.((v1\_funct\_8\ X0) \wedge (m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ k2\_numbers))) \Rightarrow (\forall X1.((v1\_funct\_1\ X1) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_numbers\ k1\_numbers)))) \Rightarrow ((r2\_funct\_8\ X0\ k1\_numbers\ k1\_numbers\ X1) \Rightarrow (r2\_funct\_8\ X0\ k1\_numbers\ k1\_numbers\ (k37\_valued\_1\ k1\_numbers\ k1\_numbers\ X1)))) \tag{4}$$

Assume the following.

$$r1\_tarski\ k1\_numbers\ k2\_numbers \tag{5}$$

Assume the following.

$$(v1\_funct\_1\ k16\_sin\_cos) \wedge ((v1\_funct\_2\ k16\_sin\_cos\ k1\_numbers\ k1\_numbers) \wedge (m1\_subset\_1\ k16\_sin\_cos\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_numbers\ k1\_numbers)))) \tag{6}$$

Theorem 1

$$\forall X0.((v1\_funct\_8\ X0)\wedge(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ k1\_numbers)))\Rightarrow (r2\_funct\_8\ X0\ k1\_numbers\ k1\_numbers\ (k37\_valued\_1\ k1\_numbers\ k1\_numbers\ k16\_sin\_cos))$$