t30_sin_cos2 (TMZXYAfwYdf4VzdrAQLKYQgrvHrp5JjW1kT)

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Let $k1\_relset\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_numbers : \iota$ be given. Let $k1\_sin\_cos2 : \iota$ be given. Let $k4\_sin\_cos2 : \iota$ be given. Let $k7\_sin\_cos2 : \iota$ be given. Let $v1\_funct\_1 : \iota \Rightarrow o$ be given. Let $v1\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.((v1\_funct\_1\ X1) \wedge ((v1\_funct\_2\ X1\ X0\ X0) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X0\ X0))))) \Rightarrow (k1\_relset\_1\ X0\ X1 = X0) \tag{1}$$

Assume the following.

$$(v1\_funct\_1\ k7\_sin\_cos2) \wedge ((v1\_funct\_2\ k7\_sin\_cos2\ k1\_numbers\ k1\_numbers) \wedge (m1\_subset\_1\ k7\_sin\_cos2\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_numbers\ k1\_numbers)))) \tag{2}$$

Assume the following.

$$(v1\_funct\_1\ k4\_sin\_cos2) \wedge ((v1\_funct\_2\ k4\_sin\_cos2\ k1\_numbers\ k1\_numbers) \wedge (m1\_subset\_1\ k4\_sin\_cos2\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_numbers\ k1\_numbers)))) \tag{3}$$

Assume the following.

$$(v1\_funct\_1\ k1\_sin\_cos2) \wedge ((v1\_funct\_2\ k1\_sin\_cos2\ k1\_numbers\ k1\_numbers) \wedge (m1\_subset\_1\ k1\_sin\_cos2\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_numbers\ k1\_numbers)))) \tag{4}$$

Theorem 1

$$(k1\_relset\_1\ k1\_numbers\ k1\_sin\_cos2 = k1\_numbers) \wedge ((k1\_relset\_1\ k1\_numbers\ k4\_sin\_cos2 = k1\_numbers) \wedge (k1\_relset\_1\ k1\_numbers\ k7\_sin\_cos2 = k1\_numbers))$$