t6_jgraph_2 (TMR72c4yMPLPNn7ZGRPbQHGuU1mVVCYrenr)

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Let $k1\_relset\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k15\_euclid : \iota \Rightarrow \iota$ be given. Let $np\_\_2 : \iota$ be given. Let $k4\_pscomp\_1 : \iota$ be given. Let $k1\_euclid : \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ 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.

$$k6\_numbers = k1\_xboole\_0 \tag{1}$$

Assume the following.

$$u1\_struct\_0\ (k15\_euclid\ np\_\_2) = k1\_euclid\ np\_\_2 \tag{2}$$

Assume the following.

$$v1\_xboole\_0\ k1\_xboole\_0 \tag{3}$$

Assume the following.

$$\neg v1\_xboole\_0\ k1\_numbers \tag{4}$$

Assume the following.

$$(v1\_funct\_1\ k4\_pscomp\_1) \wedge ((v1\_funct\_2\ k4\_pscomp\_1\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ k1\_numbers) \wedge (m1\_subset\_1\ k4\_pscomp\_1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ k1\_numbers)))) \tag{5}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(m1\_subset\_1\ X2\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X0\ X1))) \Rightarrow (((X1 \neq k1\_xboole\_0) \Rightarrow ((v1\_funct\_2\ X2\ X0\ X1) \Leftrightarrow (X0 = k1\_relset\_1\ X0\ X2))) \wedge ((X1 = k1\_xboole\_0) \Rightarrow ((v1\_funct\_2\ X2\ X0\ X1) \Leftrightarrow (X2 = k1\_xboole\_0)))) \tag{6}$$

Theorem 1

$$(k1\_relset\_1\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ k4\_pscomp\_1 = u1\_struct\_0\ (k15\_euclid\ np\_\_2)) \wedge (k1\_relset\_1\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ k4\_pscomp\_1 = k1\_euclid\ np\_\_2)$$