l24_jgraph_3 (TMWLgjxKT-THiUKNt2z235UKCM2b1oY8xxxC)

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Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k18\_euclid : \iota \Rightarrow \iota$ be given. Let $k22\_euclid : \iota \Rightarrow \iota$ be given. Let $np\_\_2 : \iota$ be given. Let $k17\_euclid : \iota \Rightarrow \iota$ be given. Let $k1\_real\_1 : \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $v2\_xxreal\_0 : \iota \Rightarrow o$ be given. Let $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k5\_numbers : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4\_xcmplx\_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$(k17\_euclid\ (k22\_euclid\ np\_\_2) = np\_\_1) \wedge (k18\_euclid\ (k22\_euclid\ np\_\_2) = np\_\_1) \tag{1}$$

Assume the following.

$$((v2\_xxreal\_0\ np\_\_1) \wedge (m2\_subset\_1\ np\_\_1\ k1\_numbers\ k5\_numbers)) \wedge ((m1\_subset\_1\ np\_\_1\ k5\_numbers) \wedge (m1\_subset\_1\ np\_\_1\ k1\_numbers)) \tag{2}$$

Assume the following.

$$r1\_xxreal\_0\ (k4\_xcmplx\_0\ np\_\_1)\ np\_\_1 \tag{3}$$

Assume the following.

$$r1\_xxreal\_0\ np\_\_1\ np\_\_1 \tag{4}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (k1\_real\_1\ X0 = k4\_xcmplx\_0\ X0) \tag{5}$$

Theorem 1

$$((r1\_xxreal\_0\ (k18\_euclid\ (k22\_euclid\ np\_\_2))\ (k17\_euclid\ (k22\_euclid\ np\_\_2))) \wedge (r1\_xxreal\_0\ (k1\_real\_1\ (k17\_euclid\ (k22\_euclid\ np\_\_2)))\ (k18\_euclid\ (k22\_euclid\ np\_\_2)))) \vee ((r1\_xxreal\_0\ (k17\_euclid\ (k22\_euclid\ np\_\_2))\ (k18\_euclid\ (k22\_euclid\ np\_\_2))) \wedge (r1\_xxreal\_0\ (k18\_euclid\ (k22\_euclid\ np\_\_2))\ (k1\_real\_1\ (k17\_euclid\ (k22\_euclid\ np\_\_2)))))$$