# t33_jordan1k (TMZojXutP5dcdAi2j5xTdS6L3w2mUV8cRpn)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ 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 $k1\_numbers : \iota$ be given. Let $k3\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2\_jgraph\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k17\_euclid : \iota \Rightarrow \iota$ be given. Let $k18\_euclid : \iota \Rightarrow \iota$ be given. Let $k3\_rlvect\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_rlvect\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k19\_euclid : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))) \Rightarrow (X0 = k19\_euclid\ (k17\_euclid\ X0)\ (k18\_euclid\ X0)) \tag{1}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k1\_numbers) \Rightarrow (\forall X2.(m1\_subset\_1\ X2\ k1\_numbers) \Rightarrow (\forall X3.(m1\_subset\_1\ X3\ k1\_numbers) \Rightarrow (k3\_funct\_2\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ (k2\_jgraph\_2\ X1\ X2\ X1\ X3)\ X0 = k3\_rlvect\_1\ (k15\_euclid\ np\_\_2)\ (k1\_rlvect\_1\ (k15\_euclid\ np\_\_2)\ X0\ X1)\ (k19\_euclid\ X2\ X3))))) \tag{2}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))) \Rightarrow (m1\_subset\_1\ (k18\_euclid\ X0)\ k1\_numbers) \tag{3}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))) \Rightarrow (m1\_subset\_1\ (k17\_euclid\ X0)\ k1\_numbers) \tag{4}$$

**Theorem 1**

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))) \Rightarrow (\forall X2.(m1\_subset\_1\ X2\ k1\_numbers) \Rightarrow (k3\_funct\_2\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ (u1\_struct\_0\ (k15\_euclid\ np\_\_2))\ (k2\_jgraph\_2\ X2\ (k17\_euclid\ X0)\ X2\ (k18\_euclid\ X0))\ X1 = k3\_rlvect\_1\ (k15\_euclid\ np\_\_2)\ (k1\_rlvect\_1\ (k15\_euclid\ np\_\_2)\ X1\ X2)\ X0)))$$