t6_jordan1h (TMdHVFE-HoWtJ48UGmiXKtgYTsNk92ZQwixt)

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Let $r3\_orders\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_jordan1h : \iota$ be given. Let $k1\_numbers : \iota$ be given. Let $k1\_relat\_1 : \iota \Rightarrow \iota$ be given. Let $v1\_relat\_1 : \iota \Rightarrow o$ be given. Let $v3\_orders\_1 : \iota \Rightarrow o$ be given. Let $v1\_partfun1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_relat\_2 : \iota \Rightarrow o$ be given. Let $v4\_relat\_2 : \iota \Rightarrow o$ be given. Let $v8\_relat\_2 : \iota \Rightarrow o$ 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. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$k1\_relat\_1\ k1\_jordan1h = k1\_numbers \tag{1}$$

Assume the following.

$$\forall X0.(v1\_relat\_1\ X0) \Rightarrow ((v3\_orders\_1\ X0) \Rightarrow (r3\_orders\_1\ X0\ (k1\_relat\_1\ X0))) \tag{2}$$

Assume the following.

$$(v1\_partfun1\ k1\_jordan1h\ k1\_numbers) \wedge ((v1\_relat\_2\ k1\_jordan1h) \wedge ((v4\_relat\_2\ k1\_jordan1h) \wedge ((v8\_relat\_2\ k1\_jordan1h) \wedge (v3\_orders\_1\ k1\_jordan1h)))) \tag{3}$$

Assume the following.

$$m1\_subset\_1\ k1\_jordan1h\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_numbers\ k1\_numbers)) \tag{4}$$

Assume the following.

$$k1\_jordan1h = ReplSep2\ (toset\ (\lambda X0 : \iota.m1\_subset\_1\ X0\ k1\_numbers))\ (\lambda X0 : \iota.toset\ (\lambda X1 : \iota.m1\_subset\_1\ X1\ k1\_numbers))\ (\lambda X0 : \iota.\lambda X1 : \iota.r1\_xxreal\_0\ X0\ X1)\ (\lambda X0 : \iota.\lambda X1 : \iota.k4\_tarski\ X0\ X1) \tag{5}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(m1\_subset\_1\ X2\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X0\ X1))) \Rightarrow (v1\_relat\_1\ X2) \tag{6}$$

Theorem 1 $r3\_orders\_1\ k1\_jordan1h\ k1\_numbers.$