

## t21\_comput\_1

(TMMTEpD9vj4B8xMnVFñMSPATkExEuvMd284)

October 27, 2020

Let  $v1\_relat\_1 : \iota \Rightarrow o$  be given. Let  $v4\_relat\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k3\_finseq\_2 : \iota \Rightarrow \iota$  be given. Let  $k5\_numbers : \iota$  be given. Let  $v1\_funct\_1 : \iota \Rightarrow o$  be given. Let  $v2\_margrel1 : \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_relset\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_finseq\_2 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k19\_margrel1 : \iota \Rightarrow \iota$  be given. Let  $k9\_xtuple\_0 : \iota \Rightarrow \iota$  be given. Let  $k10\_xtuple\_0 : \iota \Rightarrow \iota$  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.

$$\forall X0. \forall X1. \forall X2. (v1\_relat\_1 X2) \Rightarrow (((r1\_tarski (k9\_xtuple\_0 X2) X0) \wedge (r1\_tarski (k10\_xtuple\_0 X2) X1)) \Rightarrow (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k2\_zfmisc\_1 X0 X1)))) \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. (m1\_subset\_1 X0 (k1\_zfmisc\_1 X1)) \Leftrightarrow (r1\_tarski X0 X1) \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. ((v1\_funct\_1 X2) \wedge ((v2\_margrel1 X2) \wedge (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k2\_zfmisc\_1 (k3\_finseq\_2 X0) X1))))) \Rightarrow (r1\_tarski (k1\_relset\_1 (k3\_finseq\_2 X0) X2) (k4\_finseq\_2 (k19\_margrel1 X2) X0)) \tag{3}$$

Assume the following.

$$\forall X0. \forall X1. r1\_tarski X0 X0 \tag{4}$$

Assume the following.

$$\forall X0. \forall X1. (v1\_relat\_1 X1) \Rightarrow ((v4\_relat\_1 X1 X0) \Leftrightarrow (r1\_tarski (k9\_xtuple\_0 X1) X0)) \tag{5}$$

**Theorem 1**

$$\forall X0. ((v1\_relat\_1 X0) \wedge ((v4\_relat\_1 X0 (k3\_finseq\_2 k5\_numbers)) \wedge ((v1\_funct\_1 X0) \wedge (v2\_margrel1 X0)))) \Rightarrow (r1\_tarski (k1\_relset\_1 (k3\_finseq\_2 k5\_numbers) X0) (k4\_finseq\_2 (k19\_margrel1 X0) k5\_numbers))$$