

t1\_margrel1  
(TMd5726daQJhoXjnpzuNmi2jL9k5buy9JQa)

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Let  $v3\_finseq\_1 : \iota \Rightarrow o$  be given. Let  $v2\_card\_3 : \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (m1\_subset\_1 X0 (k1\_zfmisc\_1 X1)) \Leftrightarrow (r1\_tarski X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. (v2\_card\_3 X0) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 X0)) \Rightarrow (v2\_card\_3 X1)) \quad (2)$$

Assume the following.

$$\forall X0. (v3\_finseq\_1 X0) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 X0)) \Rightarrow (v3\_finseq\_1 X1)) \quad (3)$$

**Theorem 1**

$$\forall X0. \forall X1. ((v3\_finseq\_1 X1) \wedge (v2\_card\_3 X1)) \Rightarrow ((r1\_tarski X0 X1) \Rightarrow ((v3\_finseq\_1 X0) \wedge (v2\_card\_3 X0)))$$