

t95\_scmfsa\_2

(TMFm6uss34myDY88qnXcuX6SjvWTxRg1w6G)

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Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $u1\_compos\_1 : \iota \Rightarrow \iota$  be given. Let  $k1\_scmfsa\_2 : \iota$  be given. Let  $k2\_compos\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k6\_numbers : \iota$  be given. Let  $k2\_compos\_1 : \iota \Rightarrow \iota$  be given. Let  $v2\_extpro\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $np\_3 : \iota$  be given. Let  $k3\_xtuple\_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (u1\_compos\_1 k1\_scmfsa\_2)) \Rightarrow ((v2\_extpro\_1 X0 np\_3 k1\_scmfsa\_2) \Rightarrow (X0 = k2\_compos\_1 k1\_scmfsa\_2)) \quad (1)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (u1\_compos\_1 k1\_scmfsa\_2)) \Rightarrow ((k2\_compos\_0 (u1\_compos\_1 k1\_scmfsa\_2) X0 = k6\_numbers) \Rightarrow (X0 = k3\_xtuple\_0 k6\_numbers k1\_xboole\_0 k1\_xboole\_0)) \quad (2)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (u1\_compos\_1 k1\_scmfsa\_2)) \Rightarrow ((X0 = k3\_xtuple\_0 k6\_numbers k1\_xboole\_0 k1\_xboole\_0) \Rightarrow (v2\_extpro\_1 X0 np\_3 k1\_scmfsa\_2)) \quad (3)$$

**Theorem 1**

$$\forall X0.(m1\_subset\_1 X0 (u1\_compos\_1 k1\_scmfsa\_2)) \Rightarrow ((k2\_compos\_0 (u1\_compos\_1 k1\_scmfsa\_2) X0 = k6\_numbers) \Rightarrow (X0 = k2\_compos\_1 k1\_scmfsa\_2))$$