

## l2\_topalg\_3

(TML1vNwAuNeHbkjdeyLZ8oUXm5F9Xc7WsQy)

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Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_numbers : \iota$  be given. Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k17\_borsuk\_1 : \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $k1\_rcomp\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$u1\_struct\_0 \ k17\_borsuk\_1 = k1\_rcomp\_1 \ k6\_numbers \ np\_1 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1\_subset\_1 \ X0 \ X1) \quad (2)$$

Assume the following.

$$(k6\_numbers \in k1\_rcomp\_1 \ k6\_numbers \ np\_1) \wedge (np\_1 \in k1\_rcomp\_1 \ k6\_numbers \ np\_1) \quad (3)$$

### Theorem 1

$$(m1\_subset\_1 \ k6\_numbers \ (u1\_struct\_0 \ k17\_borsuk\_1)) \wedge (m1\_subset\_1 \ np\_1 \ (u1\_struct\_0 \ k17\_borsuk\_1))$$