

t24\_borsuk\_7

(TMH2xssHy6dK1HZ1saKTsetBqK6M4u1WqkR)

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Let  $k1\_borsuk\_7 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_funct\_4 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k16\_funcop\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_funct\_4 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. k4\_funct\_4 X0 X0 X1 X2 = k16\_funcop\_1 X0 X2 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. k4\_funct\_4 X0 X1 X2 X3 = k1\_funct\_4 (k16\_funcop\_1 X0 X2) (k16\_funcop\_1 X1 X3) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. \forall X5. k1\_borsuk\_7 X0 X1 X2 X3 X4 X5 = k1\_funct\_4 (k4\_funct\_4 X0 X1 X3 X4) (k16\_funcop\_1 X2 X5) \quad (3)$$

**Theorem 1**

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. k1\_borsuk\_7 X0 X0 X1 X2 X3 X4 = k4\_funct\_4 X0 X1 X3 X4$$