

# t25\_compos\_1 (TMR AyEopN- QqQg6M9tDzCYHXobxXv7E1whBV)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $l1\_compos_1 : \iota \Rightarrow o$  be given. Let  $k5\_compos_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_compos_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. ((l1\_compos_1 X0) \wedge (v7\_ordinal1 X1)) \Rightarrow (k5\_compos_1 X0 (k4\_compos_1 X0) X1 = k4\_compos_1 X0) \quad (1)$$

## Theorem 1

$$\forall X0. (v7\_ordinal1 X0) \Rightarrow (\forall X1. (l1\_compos_1 X1) \Rightarrow (k5\_compos_1 X1 (k4\_compos_1 X1) X0 = k4\_compos_1 X1))$$