

t13_exchsort
(TMKUotJP4jiBRoWSxUayQqWUC9JDyLu3Bjp)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v3_exchsort : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_ordinal2 : \iota \Rightarrow \iota$ be given. Let $k9_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.v3_ordinal1 (k3_ordinal2 X0) \tag{1}$$

Assume the following.

$$\forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(v3_exchsort X1 X0) \Leftrightarrow (X0 = k3_ordinal2 (k9_xtuple_0 X1))) \tag{2}$$

Theorem 1

$$\forall X0.((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow (v3_exchsort X0 (k3_ordinal2 (k9_xtuple_0 X0)))$$