

t26_ordinal2 (TMJjRqaEBC-
FutWM72tLAXy8gND2g2wtVP6C)

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Let $v5_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $k4_ordinal2 : \iota \Rightarrow \iota$ be given. Let $k3_ordinal2 : \iota \Rightarrow \iota$ be given. Let $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k5_ordinal2 : \iota \Rightarrow \iota$ be given. Let $k2_ordinal2 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((v5_ordinal1 X0) \wedge ((v1_relat_1 X0) \wedge (v1_funct_1 X0))) \Rightarrow (k5_ordinal2 X0 = k2_ordinal2 (k10_xtuple_0 X0)) \quad (1)$$

Assume the following.

$$\forall X0.((v5_ordinal1 X0) \wedge ((v1_relat_1 X0) \wedge (v1_funct_1 X0))) \Rightarrow (k4_ordinal2 X0 = k3_ordinal2 (k10_xtuple_0 X0)) \quad (2)$$

Theorem 1

$$\forall X0.((v5_ordinal1 X0) \wedge ((v1_relat_1 X0) \wedge (v1_funct_1 X0))) \Rightarrow ((k4_ordinal2 X0 = k3_ordinal2 (k10_xtuple_0 X0)) \wedge (k5_ordinal2 X0 = k2_ordinal2 (k10_xtuple_0 X0)))$$