

l1_rearran1 (TMG-
pUTu4y2MswQyCGJmFXX64sLS2huDbQ3r)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k8_relat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (v1_relat_1 X1) \Rightarrow ((X0 \in k10_xtuple_0 X1) \Leftrightarrow (k8_relat_1 X1 (k1_tarski X0) \neq k1_xboole_0)) \quad (1)$$

Theorem 1

$$\forall X0. ((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow (\forall X1. (\neg X1 \in k10_xtuple_0 X0) \Rightarrow (k8_relat_1 X0 (k1_tarski X1) = k1_xboole_0))$$