

t29_classes1 (TMG7ojLVtRxHRoiFcH7d6HWjYoE9m1pZ2LX)

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Let $k4_classes1 : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k1_ordinal1 : \iota \Rightarrow \iota$ be given. Let $k9_setfam_1 : \iota \Rightarrow \iota$ be given. Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v5_ordinal1 : \iota \Rightarrow o$ be given. Let $v4_ordinal1 : \iota \Rightarrow o$ be given. Let $k9_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k1_funct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned}
 & (k4_classes1 \ k1_xboole_0 = k1_xboole_0) \wedge ((\forall X0.(v3_ordinal1 \\
 & X0) \Rightarrow (k4_classes1 \ (k1_ordinal1 \ X0) = k9_setfam_1 \ (k4_classes1 \\
 & X0))) \wedge (\forall X0.(v3_ordinal1 \ X0) \Rightarrow (\forall X1.((v1_relat_1 \\
 & X1) \wedge ((v1_funct_1 \ X1) \wedge (v5_ordinal1 \ X1))) \Rightarrow (((v4_ordinal1 \ X0) \wedge \\
 & ((k9_xtuple_0 \ X1 = X0) \wedge (\forall X2.(v3_ordinal1 \ X2) \Rightarrow ((X2 \in X0) \Rightarrow \\
 & (k1_funct_1 \ X1 \ X2 = k4_classes1 \ X2)))))) \Rightarrow ((X0 = k1_xboole_0) \vee (k4_classes1 \\
 & X0 = k3_tarski \ (k10_xtuple_0 \ X1))))))
 \end{aligned} \tag{1}$$

Theorem 1 $k4_classes1 \ k1_xboole_0 = k1_xboole_0$.