

t36_cgames_1 (TM-
RHAqN8Ec1M4Aem7h4eSq7S1Y7cXycLDm2)

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Let $v2_cgames_1 : \iota \Rightarrow o$ be given. Let $k8_cgames_1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k10_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k11_cgames_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v2_cgames_1 X0) \Rightarrow (\forall X1.(v2_cgames_1 X1) \Rightarrow ((X0 \in k11_cgames_1 X1) \Rightarrow (r1_tarski (k10_cgames_1 X0) (k11_cgames_1 X1)))) \tag{1}$$

Assume the following.

$$\forall X0.(v2_cgames_1 X0) \Rightarrow (r1_tarski (k8_cgames_1 X0) (k11_cgames_1 X0)) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.(r1_tarski X0 X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \tag{3}$$

Theorem 1

$$\forall X0.(v2_cgames_1 X0) \Rightarrow (\forall X1.(v2_cgames_1 X1) \Rightarrow ((X0 \in k8_cgames_1 X1) \Rightarrow (r1_tarski (k10_cgames_1 X0) (k11_cgames_1 X1))))$$