

t33_cgames_1 (TMayaas-
BAGjo5RXpQZPaNMCUz7N2o2pb5Gp)

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Let $v2_cgames_1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k8_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k11_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k10_cgames_1 : \iota \Rightarrow \iota$ be given. Let $l1_cgames_1 : \iota \Rightarrow o$ be given. Let $k6_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. (X0 \in k4_xboole_0 X1 (k1_tarski X2)) \Leftrightarrow ((X0 \in X1) \wedge (X0 \neq X2)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (v2_cgames_1 X1) \Rightarrow ((X0 \in k10_cgames_1 X1) \Leftrightarrow (\neg(X0 \neq X1) \wedge (\forall X2. (v2_cgames_1 X2) \Rightarrow (\neg(X2 \in k8_cgames_1 X1) \wedge (X0 \in k10_cgames_1 X2))))) \quad (2)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Rightarrow (X0 \in k10_cgames_1 X0) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (v2_cgames_1 X1) \Rightarrow ((X0 \in k8_cgames_1 X1) \Rightarrow ((v2_cgames_1 X0) \wedge (l1_cgames_1 X0))) \quad (4)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Rightarrow (\neg X0 \in k8_cgames_1 X0) \quad (5)$$

Assume the following.

$$\forall X0. \forall X1. k6_subset_1 X0 X1 = k4_xboole_0 X0 X1 \quad (6)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (7)$$

Assume the following.

$$\forall X0.(v2_cgames_1 X0) \Rightarrow (k11_cgames_1 X0 = k6_subset_1 (k10_cgames_1 X0) (k1_tarski X0)) \quad (8)$$

Theorem 1

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