

t17_cgames_1 (TMUCjP-
bKcLfd77Ch1PU9mTyuVbye3YgYBiQ)

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Let $v2_cgames_1 : \iota \Rightarrow o$ be given. Let $k8_cgames_1 : \iota \Rightarrow \iota$ be given. Let $l1_cgames_1 : \iota \Rightarrow o$ be given. Let $v1_cgames_1 : \iota \Rightarrow o$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k2_cgames_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v2_cgames_1 X0) \Rightarrow ((v1_cgames_1 X0) \wedge (l1_cgames_1 X0)) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.(v3_ordinal1 X1) \Rightarrow (\forall X2.(v2_cgames_1 X2) \Rightarrow (((X2 \in k2_cgames_1 X1) \wedge (X0 \in k8_cgames_1 X2)) \Rightarrow (X0 \in k2_cgames_1 X1))) \quad (2)$$

Assume the following.

$$\forall X0.(v2_cgames_1 X0) \Leftrightarrow (\exists X1.(v3_ordinal1 X1) \wedge (X0 \in k2_cgames_1 X1)) \quad (3)$$

Theorem 1

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