

t38_cgames_1
(TMc4K241WhXoU9QbvappL9VLzcLLfKrXe89)

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Let $v2_cgames_1 : \iota \Rightarrow o$ be given. Let $k3_cgames_1 : \iota$ be given. Let $k10_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k8_cgames_1 : \iota \Rightarrow \iota$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k2_cgames_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \neg(X0 \neq k1_xboole_0) \wedge (\forall X1. \neg X1 \in X0) \quad (1)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Rightarrow ((X0 = k3_cgames_1) \Leftrightarrow (k8_cgames_1 X0 = k1_xboole_0)) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (v2_cgames_1 X1) \Rightarrow ((X0 \in k10_cgames_1 X1) \Leftrightarrow (\neg(X0 \neq X1) \wedge (\forall X2. (v2_cgames_1 X2) \Rightarrow (\neg(X2 \in k8_cgames_1 X1) \wedge (X0 \in k10_cgames_1 X2))))) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (v3_ordinal1 X1) \Rightarrow (\forall X2. (v2_cgames_1 X2) \Rightarrow (((X2 \in k2_cgames_1 X1) \wedge (X0 \in k8_cgames_1 X2)) \Rightarrow (X0 \in k2_cgames_1 X1))) \quad (4)$$

Assume the following.

$$\forall X0 : \iota \Rightarrow o. (\exists X1. (v2_cgames_1 X1) \wedge (X0 X1)) \Rightarrow (\exists X1. (v2_cgames_1 X1) \wedge ((X0 X1) \wedge (\forall X2. (v2_cgames_1 X2) \Rightarrow (\neg(X2 \in k8_cgames_1 X1) \wedge (X0 X2))))) \quad (5)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Leftrightarrow (\exists X1. (v3_ordinal1 X1) \wedge (X0 \in k2_cgames_1 X1)) \quad (6)$$

Theorem 1 $\forall X0. (v2_cgames_1 X0) \Rightarrow (k3_cgames_1 \in k10_cgames_1 X0)$.