

t9_cgames_1
(TMJjw6Rjx4JFbdYezd2tkr5qCwCW8Msq4qt)

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Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $v2_cgames_1 : \iota \Rightarrow o$ be given. Let $k2_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k8_cgames_1 : \iota \Rightarrow \iota$ be given. Let $v1_cgames_1 : \iota \Rightarrow o$ be given. Let $l1_cgames_1 : \iota \Rightarrow o$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_cgames_1 : \iota \Rightarrow \iota$ be given. Let $u2_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k6_cgames_1 : \iota \Rightarrow \iota$ be given. Let $k7_cgames_1 : \iota \Rightarrow \iota$ 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.

$$\begin{aligned} & \forall X0. \forall X1. (v3_ordinal1 X1) \Rightarrow ((X0 \in k2_cgames_1 X1) \Leftrightarrow \\ & (\exists X2. ((v1_cgames_1 X2) \wedge (l1_cgames_1 X2)) \wedge ((X0 = X2) \wedge \\ & \forall X3. \neg (X3 \in k2_xboole_0 (u1_cgames_1 X2) (u2_cgames_1 X2)) \wedge \\ & (\forall X4. (v3_ordinal1 X4) \Rightarrow (\neg (X4 \in X1) \wedge (X3 \in k2_cgames_1 X4)))))) \end{aligned} \quad (2)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Rightarrow (k8_cgames_1 X0 = k2_xboole_0 (k6_cgames_1 X0) (k7_cgames_1 X0)) \quad (3)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Rightarrow (\forall X1. (X1 = k7_cgames_1 X0) \Leftrightarrow (\exists X2. (l1_cgames_1 X2) \wedge ((X0 = X2) \wedge (X1 = u2_cgames_1 X2)))) \quad (4)$$

Assume the following.

$$\forall X0. (v2_cgames_1 X0) \Rightarrow (\forall X1. (X1 = k6_cgames_1 X0) \Leftrightarrow (\exists X2. (l1_cgames_1 X2) \wedge ((X0 = X2) \wedge (X1 = u1_cgames_1 X2)))) \quad (5)$$

Theorem 1

$$\begin{aligned} & \forall X0. (v3_ordinal1 X0) \Rightarrow (\forall X1. (v2_cgames_1 X1) \Rightarrow ((\\ & X1 \in k2_cgames_1 X0) \Leftrightarrow (\forall X2. \neg (X2 \in k8_cgames_1 X1) \wedge (\forall X3. \\ & (v3_ordinal1 X3) \Rightarrow (\neg (X3 \in X0) \wedge (X2 \in k2_cgames_1 X3)))))) \end{aligned}$$