

t10_cgames_1

(TMS8GEYXTGA19kmmQ6yR3ULzCMDJBgMvnxX)

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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 $r1_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(v2_cgames_1 X1) \Rightarrow ((\\ X1 \in k2_cgames_1 X0) \Leftrightarrow (\forall X2. \neg (X2 \in k8_cgames_1 X1) \wedge (\forall X3. \\ (v3_ordinal1 X3) \Rightarrow (\neg (X3 \in X0) \wedge (X2 \in k2_cgames_1 X3)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(v3_ordinal1 X1) \Rightarrow ((\\ r1_ordinal1 X0 X1) \Rightarrow (r1_tarski (k2_cgames_1 X0) (k2_cgames_1 X1)))) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} \forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(v3_ordinal1 X1) \Rightarrow ((\\ r1_ordinal1 X0 X1) \vee (X1 \in X0))) \end{aligned} \quad (3)$$

Assume the following.

$$\begin{aligned} \forall X0. \forall X1. (r1_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow \\ (X2 \in X1)) \end{aligned} \quad (4)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (\neg X1 \in X0) \quad (5)$$

Theorem 1

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