

t94_card_3
(TMP8jVRH9DWN3P9VK1FZSMqrLAXwygDv1Rt)

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Let $v4_card_3 : \iota \Rightarrow o$ be given. Let $k3_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. r1_tarski (k3_xboole_0 X0 X1) X0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. ((r1_tarski X0 X1) \wedge (v4_card_3 X1)) \Rightarrow (v4_card_3 X0) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (v4_card_3 X0) \Rightarrow (v4_card_3 (k3_xboole_0 X0 X1))$$