

t3_prob_4

(TMKNTDt3HDwCgZd4rE6aMtjfdQb6EGKHCGi)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $r1_xboole_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_prob_2 : \iota \Rightarrow o$ be given. Let $k13_funct_7 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_dynkin : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_subset_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 \\ X0)) \Rightarrow (\forall X2. (m1_subset_1 X2 (k1_zfmisc_1 X0)) \Rightarrow ((r1_xboole_0 \\ X1 X2) \Rightarrow (v1_prob_2 (k1_dynkin X0 X1 X2 (k1_subset_1 X0)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. \neg (X0 \in X1) \wedge ((m1_subset_1 X1 (k1_zfmisc_1 X2)) \wedge (v1_xboole_0 X2)) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (\neg (X1 \neq k1_xboole_0) \wedge (\forall X2. (m1_subset_1 X2 X0) \Rightarrow (\neg X2 \in X1))) \quad (3)$$

Assume the following.

$$\forall X0. m1_subset_1 k1_xboole_0 (k1_zfmisc_1 X0) \quad (4)$$

Assume the following.

$$\begin{aligned} \forall X0. \forall X1. \forall X2. \forall X3. ((\neg v1_xboole_0 X0) \wedge \\ ((m1_subset_1 X1 (k1_zfmisc_1 X0)) \wedge ((m1_subset_1 X2 (k1_zfmisc_1 \\ X0)) \wedge (m1_subset_1 X3 (k1_zfmisc_1 X0)))))) \Rightarrow (k1_dynkin X0 X1 X2 \\ X3 = k13_funct_7 X1 X2 X3) \end{aligned} \quad (5)$$

Assume the following.

$$\forall X0. \neg v1_xboole_0 (k1_zfmisc_1 X0) \quad (6)$$

Assume the following.

$$\forall X0. k1_subset_1 X0 = k1_xboole_0 \quad (7)$$

Theorem 1

$$\forall X0.\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 X0))\Rightarrow(\forall X2. \\ (m1_subset_1 X2 (k1_zfmisc_1 X0))\Rightarrow((r1_xboole_0 X1 X2)\Rightarrow(v1_prob_2 \\ (k13_funct_7 X1 X2 k1_xboole_0))))$$