

l3_dynkin

(TMSA3ebec1cxCbkCq6J78chk3Gb47wJRxVR)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $k14_funct_7 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_funct_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. ((\neg v1_xboole_0 X0) \wedge \\ & ((m1_subset_1 X1 X0) \wedge ((m1_subset_1 X2 X0) \wedge (m1_subset_1 X3 X0)))) \Rightarrow \\ & ((v1_funct_1 (k14_funct_7 X0 X1 X2 X3)) \wedge (v1_funct_2 (k14_funct_7 \\ & X0 X1 X2 X3) k5_numbers X0) \wedge (m1_subset_1 (k14_funct_7 X0 X1 X2 X3) \\ & (k1_zfmisc_1 (k2_zfmisc_1 k5_numbers X0)))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 X0) \Rightarrow \\ & (\forall X2. (m1_subset_1 X2 X0) \Rightarrow (\forall X3. (m1_subset_1 X3 X0) \Rightarrow \\ & ((v1_funct_1 (k14_funct_7 X0 X1 X2 X3)) \wedge (v1_funct_2 (k14_funct_7 \\ & X0 X1 X2 X3) k5_numbers X0) \wedge (m1_subset_1 (k14_funct_7 X0 X1 X2 X3) \\ & (k1_zfmisc_1 (k2_zfmisc_1 k5_numbers X0))))))) \end{aligned}$$