

t27_measure1 (TMMh- pjyXN87cKYohBjAnhoeKE7g72LC6RFP)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_prob_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v4_prob_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_funct_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k7_numbers : \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $m2_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k12_supinf_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_supinf_2 : \iota$ be given. Let $k1_supinf_1 : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. ((\neg v1_xboole_0 X1) \wedge ((v1_prob_1 X1 X0) \wedge \\ & ((v4_prob_1 X1 X0) \wedge (m1_subset_1 X1 (k1_zfmisc_1 (k1_zfmisc_1 \\ & X0)))))) \Rightarrow (\forall X2. (m1_subset_1 X2 k7_numbers) \Rightarrow (\forall X3. \\ & (m1_subset_1 X3 k7_numbers) \Rightarrow (\exists X4. ((v1_funct_1 X4) \wedge ((\\ & v1_funct_2 X4 X1 k7_numbers) \wedge (m1_subset_1 X4 (k1_zfmisc_1 (k2_zfmisc_1 \\ & X1 k7_numbers)))))) \wedge (\forall X5. (m2_subset_1 X5 (k1_zfmisc_1 \\ & X0) X1) \Rightarrow (((X5 = k1_xboole_0) \Rightarrow (k12_supinf_2 X4 X5 = X2)) \wedge ((X5 \neq k1_xboole_0) \Rightarrow \\ & (k12_supinf_2 X4 X5 = X3)))))) \end{aligned} \tag{1}$$

Assume the following.

$$k1_supinf_2 = k1_xboole_0 \tag{2}$$

Assume the following.

$$m1_subset_1 k1_supinf_2 k7_numbers \tag{3}$$

Assume the following.

$$m1_subset_1 k1_supinf_1 k7_numbers \tag{4}$$

Theorem 1

$$\begin{aligned} & \forall X0. \forall X1. ((\neg v1_xboole_0 X1) \wedge ((v1_prob_1 X1 X0) \wedge \\ & ((v4_prob_1 X1 X0) \wedge (m1_subset_1 X1 (k1_zfmisc_1 (k1_zfmisc_1 \\ & X0)))))) \Rightarrow (\exists X2. ((v1_funct_1 X2) \wedge ((v1_funct_2 X2 X1 k7_numbers) \wedge \\ & (m1_subset_1 X2 (k1_zfmisc_1 (k2_zfmisc_1 X1 k7_numbers)))))) \wedge \\ & (\forall X3. (m2_subset_1 X3 (k1_zfmisc_1 X0) X1) \Rightarrow (((X3 = k1_xboole_0) \Rightarrow \\ & (k12_supinf_2 X2 X3 = k1_supinf_2)) \wedge ((X3 \neq k1_xboole_0) \Rightarrow (k12_supinf_2 \\ & X2 X3 = k1_supinf_1)))) \end{aligned}$$