

t36_seq_4

(TMXMewAcDGcECr59MpnuVXAerXAUFvi8tLR)

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Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_funct_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k1_numbers : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_seqm_3 : \iota \Rightarrow o$ be given. Let $v1_comseq_2 : \iota \Rightarrow o$ be given. Let $v2_comseq_2 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. (& m1_subset_1 X0 (k1_zfmisc_1 (k2_zfmisc_1 k5_numbers \\ & k1_numbers))) \Rightarrow (((v1_funct_1 X0) \wedge ((v1_funct_2 X0 k5_numbers \\ & k1_numbers) \wedge ((v1_seqm_3 X0) \wedge (v1_comseq_2 X0)))) \Rightarrow ((v1_funct_1 \\ & X0) \wedge ((v1_funct_2 X0 k5_numbers k1_numbers) \wedge (v2_comseq_2 X0)))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} \forall X0. (& (v1_funct_1 X0) \wedge ((v1_funct_2 X0 k5_numbers k1_numbers) \wedge \\ & (m1_subset_1 X0 (k1_zfmisc_1 (k2_zfmisc_1 k5_numbers k1_numbers)))))) \Rightarrow \\ & (((v1_seqm_3 X0) \wedge (v1_comseq_2 X0)) \Rightarrow (v2_comseq_2 X0)) \end{aligned}$$