

t5_topalg_1 (TM-
PaSa7o1gs6DY3hWvxRQRVJxkqRESzEnRM)

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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 $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k17_borsuk_1 : \iota$ be given. Let $k3_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $v3_pre_topc : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_topmetr : \iota$ be given. Let $k1_numbers : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 (k1_zfmisc_1 (u1_struct_0 k5_topmetr))) \Rightarrow \\ & (\forall X1.(m1_subset_1 X1 k1_numbers) \Rightarrow ((X0 = k3_rcomp_1 k6_numbers \\ & \quad X1) \Rightarrow (v3_pre_topc X0 k5_topmetr))) \end{aligned} \tag{1}$$

Assume the following.

$$k5_topmetr = k17_borsuk_1 \tag{2}$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 (u1_struct_0 k17_borsuk_1)) \Rightarrow (m1_subset_1 X0 k1_numbers) \tag{3}$$

Theorem 1

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 (k1_zfmisc_1 (u1_struct_0 k17_borsuk_1))) \Rightarrow \\ & (\forall X1.(m1_subset_1 X1 (u1_struct_0 k17_borsuk_1)) \Rightarrow ((X0 = \\ & \quad k3_rcomp_1 k6_numbers X1) \Rightarrow (v3_pre_topc X0 k17_borsuk_1))) \end{aligned}$$