

t27_lopclset (TM-
RZV6X9hThD8JjGMr14YtLXaeMoZPLHqMB)

October 27, 2020

Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_finsub_1 : \iota \Rightarrow \iota$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\exists X1. (m1_subset_1 X1 (k5_finsub_1 X0)) \wedge ((\neg v1_xboole_0 X1) \wedge (v1_finset_1 X1))) \quad (1)$$

Theorem 1

$$\forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\neg \forall X1. (m1_subset_1 X1 (k5_finsub_1 X0)) \Rightarrow (v1_xboole_0 X1))$$