

t1_scmpds_i
(TMY167YbRhkHFdyC5DpgZgqK9kQWymfKQ31)

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Let $v1_int_1 : \iota \Rightarrow o$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_scm_inst : \iota$ be given. Let $k4_numbers : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. (X2 = k2_xboole_0 X0 X1) \Leftrightarrow (\forall X3. (X3 \in X2) \Leftrightarrow ((X3 \in X0) \vee (X3 \in X1))) \quad (1)$$

Assume the following.

$$\forall X0. (v1_int_1 X0) \Leftrightarrow (X0 \in k4_numbers) \quad (2)$$

Theorem 1 $\forall X0. (v1_int_1 X0) \Rightarrow (X0 \in k2_xboole_0 k2_scm_inst k4_numbers)$.