

t19_intpro_1 (TMaEEXAKU-
osycx666MjrXxHDv4vKEqFkovg)

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Let $k10_intpro_1 : \iota$ be given. Let $k8_intpro_1 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_intpro_1 : \iota$ be given. Let $k3_intpro_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_intpro_1 : \iota$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 k1_intpro_1) \Rightarrow (k3_intpro_1 X0 X0 \in k8_intpro_1) \quad (1)$$

Assume the following.

$$m1_subset_1 k2_intpro_1 k1_intpro_1 \quad (2)$$

Assume the following.

$$k10_intpro_1 = k3_intpro_1 k2_intpro_1 k2_intpro_1 \quad (3)$$

Theorem 1 $k10_intpro_1 \in k8_intpro_1$.