t9_bspace (TMM4Q55ko8eWMkQSwUcSnj7ZZQSQ9fQBP3d)

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Let $k3\_bspace : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k2\_bspace : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k4\_struct\_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ k2\_bspace)) \Rightarrow ((X0 = k4\_struct\_0\ k2\_bspace) \Leftrightarrow (X0 \neq k5\_struct\_0\ k2\_bspace)) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.m1\_subset\_1\ (k3\_bspace\ X0\ X1)\ (u1\_struct\_0\ k2\_bspace) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.((X1 \in X0) \Rightarrow (k3\_bspace\ X0\ X1 = k5\_struct\_0\ k2\_bspace)) \wedge ((\neg X1 \in X0) \Rightarrow (k3\_bspace\ X0\ X1 = k4\_struct\_0\ k2\_bspace)) \tag{3}$$

Theorem 1

$$\forall X0.\forall X1.(k3\_bspace\ X0\ X1 = k5\_struct\_0\ k2\_bspace) \Leftrightarrow (X1 \in X0)$$