l17_algstr_1 (TMa9aiJkdDonMnSB8SoK1JvtuDdQ6DMcP8g)

October 27, 2020

Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k3\_algstr\_0 : \iota$ be given. Let $k1\_algstr\_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ k3\_algstr\_0)) \Rightarrow (\forall X1.\ (m1\_subset\_1\ X1\ (u1\_struct\_0\ k3\_algstr\_0)) \Rightarrow (X0 = X1)) \tag{1}$$

Theorem 1

$$\forall X0.(m1\_subset\_1\ X0\ (u1\_struct\_0\ k3\_algstr\_0)) \Rightarrow (\forall X1.\ (m1\_subset\_1\ X1\ (u1\_struct\_0\ k3\_algstr\_0)) \Rightarrow (k1\_algstr\_0\ k3\_algstr\_0\ X0\ X1 = k1\_algstr\_0\ k3\_algstr\_0\ X1\ X0))$$