t6_polyeq_4 (TMWWxM9mB6GDVQocbZdYfLquA69YppZ3GLR)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k4\_polyeq\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k4\_xcmplx\_0 : \iota \Rightarrow \iota$ be given. Let $k7\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1\_xcmplx\_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k1\_numbers) \Rightarrow (\forall X2.(m1\_subset\_1\ X2\ k1\_numbers) \Rightarrow (\neg(X0 \neq k6\_numbers) \wedge ((k4\_polyeq\_1\ X0\ X1\ k6\_numbers\ X2 = k6\_numbers) \wedge (X2 \neq k6\_numbers) \wedge (X2 \neq k4\_xcmplx\_0\ (k7\_xcmplx\_0\ X1\ X0))))))) \tag{1}$$

Assume the following.

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow (k7\_xcmplx\_0\ k6\_numbers\ X0 = k6\_numbers) \tag{2}$$

Assume the following.

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow ((k4\_xcmplx\_0\ X0 = k6\_numbers) \Rightarrow (X0 = k6\_numbers)) \tag{3}$$

Assume the following.

$$m1\_subset\_1\ k6\_numbers\ k1\_numbers \tag{4}$$

Assume the following.

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow (k4\_xcmplx\_0\ (k4\_xcmplx\_0\ X0) = X0) \tag{5}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (v1\_xcmplx\_0\ X0) \tag{6}$$

Theorem 1

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k1\_numbers) \Rightarrow ((k4\_polyeq\_1\ X0\ k6\_numbers\ k6\_numbers\ X1 = k6\_numbers) \Rightarrow ((X0 = k6\_numbers) \vee (X1 = k6\_numbers))))$$