t7_e_siec (TMU6nHCmjAGLXkjc6DPPHNNaPpyq8yeUguH)

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Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k3\_e\_siec : \iota \Rightarrow \iota$ be given. Let $u1\_e\_siec : \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $u2\_e\_siec : \iota \Rightarrow \iota$ be given. Let $v1\_relat\_1 : \iota \Rightarrow o$ be given. Let $g1\_e\_siec : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $v1\_e\_siec : \iota \Rightarrow o$ be given. Let $v2\_e\_siec : \iota \Rightarrow o$ be given. Let $v3\_e\_siec : \iota \Rightarrow o$ be given. Let $l1\_e\_siec : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.((v1\_relat\_1\ X1) \wedge (v1\_relat\_1\ X2)) \Rightarrow (\forall X3.\forall X4.\forall X5.(g1\_e\_siec\ X0\ X1\ X2 = g1\_e\_siec\ X3\ X4\ X5) \Rightarrow ((X0 = X3) \wedge ((X1 = X4) \wedge (X2 = X5)))) \tag{1}$$

Assume the following.

$$v1\_xboole\_0\ k1\_xboole\_0 \tag{2}$$

Assume the following.

$$\forall X0.(v1\_e\_siec\ (k3\_e\_siec\ X0)) \wedge ((v2\_e\_siec\ (k3\_e\_siec\ X0)) \wedge ((v3\_e\_siec\ (k3\_e\_siec\ X0)) \wedge (l1\_e\_siec\ (k3\_e\_siec\ X0)))) \tag{3}$$

Assume the following.

$$\forall X0.k3\_e\_siec\ X0 = g1\_e\_siec\ X0\ k1\_xboole\_0\ k1\_xboole\_0 \tag{4}$$

Assume the following.

$$\forall X0.(v1\_xboole\_0\ X0) \Rightarrow (v1\_relat\_1\ X0) \tag{5}$$

Assume the following.

$$\forall X0.(l1\_e\_siec\ X0) \Rightarrow ((v1\_e\_siec\ X0) \Rightarrow (X0 = g1\_e\_siec\ (u1\_struct\_0\ X0)\ (u1\_e\_siec\ X0)\ (u2\_e\_siec\ X0))) \tag{6}$$

Theorem 1

$$\forall X0.(u1\_struct\_0\ (k3\_e\_siec\ X0) = X0) \wedge ((u1\_e\_siec\ (k3\_e\_siec\ X0) = k1\_xboole\_0) \wedge (u2\_e\_siec\ (k3\_e\_siec\ X0) = k1\_xboole\_0))$$