t20_e_siec (TMHsVK7VzdrMghQinw7VutbR9FuWim9yiA2)

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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. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k10\_e\_siec : \iota \Rightarrow \iota$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k8\_e\_siec : \iota \Rightarrow \iota$ be given. Let $k7\_e\_siec : \iota \Rightarrow \iota$ be given. Let $k11\_e\_siec : \iota \Rightarrow \iota$ be given. Let $k4\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1\_e\_siec : \iota \Rightarrow \iota$ be given. Let $k4\_relat\_1 : \iota \Rightarrow \iota$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $u2\_e\_siec : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((v2\_e\_siec\ X0) \wedge ((v3\_e\_siec\ X0) \wedge (l1\_e\_siec\ X0))) \Rightarrow ((r1\_tarski\ (k4\_xboole\_0\ (u1\_e\_siec\ X0)\ (k4\_relat\_1\ (u1\_struct\_0\ X0)))\ (k2\_zfmisc\_1\ (k8\_e\_siec\ X0)\ (k7\_e\_siec\ X0))) \wedge (r1\_tarski\ (k4\_xboole\_0\ (u2\_e\_siec\ X0)\ (k4\_relat\_1\ (u1\_struct\_0\ X0)))\ (k2\_zfmisc\_1\ (k8\_e\_siec\ X0)\ (k7\_e\_siec\ X0)))) \tag{1}$$

Assume the following.

$$\forall X0.((v2\_e\_siec\ X0) \wedge ((v3\_e\_siec\ X0) \wedge (l1\_e\_siec\ X0))) \Rightarrow (k11\_e\_siec\ X0 = k4\_xboole\_0\ (u2\_e\_siec\ X0)\ (k4\_relat\_1\ (u1\_struct\_0\ X0))) \tag{2}$$

Assume the following.

$$\forall X0.((v2\_e\_siec\ X0) \wedge ((v3\_e\_siec\ X0) \wedge (l1\_e\_siec\ X0))) \Rightarrow (k10\_e\_siec\ X0 = k4\_xboole\_0\ (u1\_e\_siec\ X0)\ (k4\_relat\_1\ (u1\_struct\_0\ X0))) \tag{3}$$

Theorem 1

$$\forall X0.((v2\_e\_siec\ X0) \wedge ((v3\_e\_siec\ X0) \wedge (l1\_e\_siec\ X0))) \Rightarrow ((r1\_tarski\ (k10\_e\_siec\ X0)\ (k2\_zfmisc\_1\ (k8\_e\_siec\ X0)\ (k7\_e\_siec\ X0))) \wedge (r1\_tarski\ (k11\_e\_siec\ X0)\ (k2\_zfmisc\_1\ (k8\_e\_siec\ X0)\ (k7\_e\_siec\ X0))))$$