

t34_e_siec (TMJwXWHUHxcoreLyUob- HUiFEWQHCP4Gvr8G)

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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 $k19_e_siec : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_e_siec : \iota \Rightarrow \iota$ be given. Let $k8_e_siec : \iota \Rightarrow \iota$ be given. Let $k18_e_siec : \iota \Rightarrow \iota$ be given. Let $k2_relat_1 : \iota \Rightarrow \iota$ 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.

$$\begin{aligned} & \forall X0.((v2_e_siec X0) \wedge ((v3_e_siec X0) \wedge (l1_e_siec X0))) \Rightarrow \\ & ((r1_tarski (k2_relat_1 (k4_xboole_0 (u1_e_siec X0) (k4_relat_1 \\ & (u1_struct_0 X0)))) (k2_zfmisc_1 (k7_e_siec X0) (k8_e_siec X0))) \wedge \quad (1) \\ & (r1_tarski (k2_relat_1 (k4_xboole_0 (u2_e_siec X0) (k4_relat_1 \\ & (u1_struct_0 X0)))) (k2_zfmisc_1 (k7_e_siec X0) (k8_e_siec X0)))) \end{aligned}$$

Assume the following.

$$\forall X0.(l1_e_siec X0) \Rightarrow (k19_e_siec X0 = k2_relat_1 (k4_xboole_0 (u1_e_siec X0) (k4_relat_1 (u1_struct_0 X0)))) \quad (2)$$

Assume the following.

$$\forall X0.(l1_e_siec X0) \Rightarrow (k18_e_siec X0 = k2_relat_1 (k4_xboole_0 (u2_e_siec X0) (k4_relat_1 (u1_struct_0 X0)))) \quad (3)$$

Theorem 1

$$\begin{aligned} & \forall X0.((v2_e_siec X0) \wedge ((v3_e_siec X0) \wedge (l1_e_siec X0))) \Rightarrow \\ & ((r1_tarski (k19_e_siec X0) (k2_zfmisc_1 (k7_e_siec X0) (k8_e_siec \\ & X0))) \wedge (r1_tarski (k18_e_siec X0) (k2_zfmisc_1 (k7_e_siec X0) \\ & (k8_e_siec X0)))) \end{aligned}$$