

t5\_yellow\_8

(TMF9NtReBzJqjc9wztsMyAnPzBLH1UxbdvJ)

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Let  $l1\_struct\_0 : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k3\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k7\_setfam\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k1\_zfmisc\_1 \\ & X0))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 X0)) \Rightarrow ((k3\_subset\_1 \\ & X0 X2 \in k7\_setfam\_1 X0 X1) \Leftrightarrow (X2 \in X1))) \end{aligned} \quad (1)$$

**Theorem 1**

$$\begin{aligned} & \forall X0. (l1\_struct\_0 X0) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 \\ & (k1\_zfmisc\_1 (u1\_struct\_0 X0)))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 \\ & (k1\_zfmisc\_1 (u1\_struct\_0 X0)) \Rightarrow ((k3\_subset\_1 (u1\_struct\_0 \\ & X0) X2 \in k7\_setfam\_1 (u1\_struct\_0 X0) X1) \Leftrightarrow (X2 \in X1)))))) \end{aligned}$$