

t57\_yellow\_0

(TMY69pr1FvwMuh6C9VXxp5cgSJ4LjTmg28D)

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Let  $l1\_orders\_2 : \iota \Rightarrow o$  be given. Let  $v4\_yellow\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $m1\_yellow\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $g1\_orders\_2 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $u1\_orders\_2 : \iota \Rightarrow \iota$  be given. Let  $k1\_toler\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0.(l1\_orders\_2 X0) \Rightarrow (\forall X1.(m1\_yellow\_0 X1 X0) \Rightarrow \\ & ((v4\_yellow\_0 X1 X0) \Leftrightarrow (u1\_orders\_2 X1 = k1\_toler\_1 (u1\_orders\_2 \\ & X0) (u1\_struct\_0 X1)))) \end{aligned} \quad (1)$$

**Theorem 1**

$$\begin{aligned} & \forall X0.(l1\_orders\_2 X0) \Rightarrow (\forall X1.((v4\_yellow\_0 X1 X0) \wedge \\ & (m1\_yellow\_0 X1 X0)) \Rightarrow (\forall X2.((v4\_yellow\_0 X2 X0) \wedge (m1\_yellow\_0 \\ & X2 X0)) \Rightarrow ((u1\_struct\_0 X1 = u1\_struct\_0 X2) \Rightarrow (g1\_orders\_2 (u1\_struct\_0 \\ & X1) (u1\_orders\_2 X1) = g1\_orders\_2 (u1\_struct\_0 X2) (u1\_orders\_2 \\ & X2)))))) \end{aligned}$$