

t11_waybel_9 (TMYjcYbR4gc7yi4rqmx1uGfHt935mEQGgbG)

October 27, 2020

Let $l1_orders_2 : \iota \Rightarrow o$ be given. Let $g1_orders_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k7_lattice3 : \iota \Rightarrow \iota$ be given. Let $u1_orders_2 : \iota \Rightarrow \iota$ be given. Let $k3_waybel_9 : \iota \Rightarrow \iota$ be given. Let $v1_orders_2 : \iota \Rightarrow o$ be given. Let $v6_waybel_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $l1_waybel_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_reset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_waybel_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_struct_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(l1_orders_2 X0) \Rightarrow ((v1_orders_2 (k7_lattice3 X0)) \wedge (l1_orders_2 (k7_lattice3 X0))) \quad (1)$$

Assume the following.

$$\forall X0.(l1_orders_2 X0) \Rightarrow ((v6_waybel_0 (k3_waybel_9 X0) X0) \wedge (l1_waybel_0 (k3_waybel_9 X0) X0)) \quad (2)$$

Assume the following.

$$\begin{aligned} \forall X0.(l1_orders_2 X0) \Rightarrow & (\forall X1.((v6_waybel_0 X1 X0) \wedge \\ & (l1_waybel_0 X1 X0)) \Rightarrow ((X1 = k3_waybel_9 X0) \Leftrightarrow ((u1_struct_0 X1 = \\ & u1_struct_0 X0) \wedge ((u1_orders_2 X1 = k3_reset_1 (u1_struct_0 X0) \\ & (u1_struct_0 X0) (u1_orders_2 X0)) \wedge (u1_waybel_0 X0 X1 = k3_struct_0 \\ & X0)))))) \end{aligned} \quad (3)$$

Assume the following.

$$\forall X0.(l1_orders_2 X0) \Rightarrow (k7_lattice3 X0 = g1_orders_2 (u1_struct_0 X0) (k3_reset_1 (u1_struct_0 X0) (u1_struct_0 X0) (u1_orders_2 X0))) \quad (4)$$

Assume the following.

$$\forall X0.(l1_orders_2 X0) \Rightarrow ((v1_orders_2 X0) \Rightarrow (X0 = g1_orders_2 (u1_struct_0 X0) (u1_orders_2 X0))) \quad (5)$$

Theorem 1

$$\begin{aligned} \forall X0.(l1_orders_2 X0) \Rightarrow & (g1_orders_2 (u1_struct_0 (k7_lattice3 \\ & X0)) (u1_orders_2 (k7_lattice3 X0)) = g1_orders_2 (u1_struct_0 \\ & (k3_waybel_9 X0)) (u1_orders_2 (k3_waybel_9 X0))) \end{aligned}$$