

t7_unialg_3
(TMY5PL2RLR2qiFwBNhu3FJDFAeCfwagnGq3)

October 27, 2020

Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v2_unialg_1 : \iota \Rightarrow o$ be given. Let $v3_unialg_1 : \iota \Rightarrow o$ be given. Let $v4_unialg_1 : \iota \Rightarrow o$ be given. Let $v2_unialg_2 : \iota \Rightarrow o$ be given. Let $l1_unialg_1 : \iota \Rightarrow o$ be given. Let $m1_unialg_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_unialg_2 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0. (&(\neg v2_struct_0 X0) \wedge ((v2_unialg_1 X0) \wedge ((v3_unialg_1 \\ X0) \wedge ((v4_unialg_1 X0) \wedge ((v2_unialg_2 X0) \wedge (l1_unialg_1 X0)))))) \Rightarrow & (1) \\ (\forall X1. (m1_unialg_2 X1 X0) \Rightarrow (k6_unialg_2 X0 = k6_unialg_2 & \\ X1)) & \end{aligned}$$

Theorem 1

$$\begin{aligned} \forall X0. (&(\neg v2_struct_0 X0) \wedge ((v2_unialg_1 X0) \wedge ((v3_unialg_1 \\ X0) \wedge ((v4_unialg_1 X0) \wedge ((v2_unialg_2 X0) \wedge (l1_unialg_1 X0)))))) \Rightarrow & \\ (\forall X1. (m1_unialg_2 X1 X0) \Rightarrow (\forall X2. (m1_unialg_2 X2 X0) \Rightarrow & \\ (k6_unialg_2 X1 = k6_unialg_2 X2))) & \end{aligned}$$