

t2_waybel_7
(TMc1tM8sH8Z9DQF2bR5KmBuPvh7UXhp4oEC)

October 27, 2020

Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k3_yellow_1 : \iota \Rightarrow \iota$ be given. Let $k9_setfam_1 : \iota \Rightarrow \iota$ be given. Let $k2_yellow_1 : \iota \Rightarrow \iota$ be given. Let $u1_orders_2 : \iota \Rightarrow \iota$ be given. Let $k1_yellow_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. k3_yellow_1 X0 = k2_yellow_1 (k9_setfam_1 X0) \quad (1)$$

Assume the following.

$$\forall X0. (u1_struct_0 (k2_yellow_1 X0) = X0) \wedge (u1_orders_2 (k2_yellow_1 X0) = k1_yellow_1 X0) \quad (2)$$

Theorem 1 $\forall X0. u1_struct_0 (k3_yellow_1 X0) = k9_setfam_1 X0.$