

l106_interval
(TMdZYA8t1CYAcmELXFgcwRPr2vYzw9kRnm4)

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Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v3_roughs_1 : \iota \Rightarrow o$ be given. Let $l1_orders_2 : \iota \Rightarrow o$ be given. Let $k22_interval : \iota \Rightarrow \iota$ be given. Let $k18_interval : \iota \Rightarrow \iota$ be given. Let $m2_interval : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. ((\neg v2_struct_0\ X0) \wedge ((v3_roughs_1\ X0) \wedge (l1_orders_2\ X0))) \Rightarrow (m2_interval\ (k22_interval\ X0)\ X0) \quad (1)$$

Assume the following.

$$\forall X0. ((\neg v2_struct_0\ X0) \wedge ((v3_roughs_1\ X0) \wedge (l1_orders_2\ X0))) \Rightarrow (\forall X1. (X1 = k18_interval\ X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (m2_interval\ X2\ X0))) \quad (2)$$

Theorem 1

$$\forall X0. ((\neg v2_struct_0\ X0) \wedge ((v3_roughs_1\ X0) \wedge (l1_orders_2\ X0))) \Rightarrow (k22_interval\ X0 \in k18_interval\ X0)$$