

l38_arytm_3 (TMNqhpFZSnmMjWwqDqWiqb-DuBMTUDWuan6e)

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Let $r1_arytm_3 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $np_1 : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v1_card_1 : \iota \Rightarrow o$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(X0 \in k4_ordinal1) \Rightarrow (v1_card_1 X0) \quad (1)$$

Assume the following.

$$\forall X0.(v3_ordinal1 X0) \Rightarrow (r1_arytm_3 np_1 X0) \quad (2)$$

Assume the following.

$$np_1 \in k4_ordinal1 \quad (3)$$

Assume the following.

$$\forall X0.(v1_card_1 X0) \Rightarrow (v3_ordinal1 X0) \quad (4)$$

Theorem 1 $r1_arytm_3 np_1 np_1$.