

t2_arytm_2
(TMGdUNKTpZfTf42of8snFfRxbg4yRSxtZUz)

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Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_ordinal1 : \iota$ be given. Let $k2_arytm_2 : \iota$ be given. Let $k5_arytm_3 : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. ((r1_tarski X0 X1) \wedge (r1_tarski X1 X2)) \Rightarrow (r1_tarski X0 X2) \quad (1)$$

Assume the following.

$$r1_tarski k5_arytm_3 k2_arytm_2 \quad (2)$$

Assume the following.

$$r1_tarski k4_ordinal1 k5_arytm_3 \quad (3)$$

Theorem 1 $r1_tarski k4_ordinal1 k2_arytm_2$.