

t23_numbers
(TMK4fsvsZ1SZnJGGWr2o8uZZCquc74AsDnF)

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Let $k3_numbers : \iota$ be given. Let $k2_numbers : \iota$ be given. Let $r2_xboole_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$r2_xboole_0 \ k3_numbers \ k2_numbers \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. (r2_xboole_0 \ X0 \ X1) \Leftrightarrow ((r1_tarski \ X0 \ X1) \wedge (X0 \neq X1)) \tag{2}$$

Theorem 1 $k3_numbers \neq k2_numbers$.