

t28_metric_1

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $np_2 : \iota$ be given. Let $k1_metric_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k12_metric_1 : \iota$ be given. Let $k6_numbers : \iota$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 np_2) \Rightarrow (\forall X1.(m1_subset_1 X1 np_2) \Rightarrow (k1_metric_1 np_2 np_2 k12_metric_1 X0 X1 = k6_numbers)) \quad (1)$$

Theorem 1

$$\forall X0.(m1_subset_1 X0 np_2) \Rightarrow (\forall X1.(m1_subset_1 X1 np_2) \Rightarrow (k1_metric_1 np_2 np_2 k12_metric_1 X0 X1 = k1_metric_1 np_2 np_2 k12_metric_1 X1 X0))$$