

t5_jordan5a
(TMXjrjT7jPgi17EHvj1PqS5E9auXjx4euTL)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k1_numbers : \iota$ be given. Let $k2_pcomps_1 : \iota \Rightarrow \iota$ be given. Let $k8_metric_1 : \iota$ be given. Let $v3_rcomp_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow ((X0 \in k2_pcomps_1 k8_metric_1) \Rightarrow (v3_rcomp_1 X0)) \quad (1)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow ((v3_rcomp_1 X0) \Rightarrow (X0 \in k2_pcomps_1 k8_metric_1)) \quad (2)$$

Theorem 1

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow ((X0 \in k2_pcomps_1 k8_metric_1) \Leftrightarrow (v3_rcomp_1 X0))$$