

t40_cqc_the1
(TMZrh816TqpXiAwX5fdvShqJiHVB1fMErXS)

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Let $m1_qc_lang1 : \iota \Rightarrow o$ be given. Let $v1_cqc_the1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_cqc_the1 : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k3_cqc_lang : \iota \Rightarrow \iota$ be given. Let $k1_cqc_the1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_subset_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 (k3_cqc_lang X0))) \Rightarrow (v1_cqc_the1 (k1_cqc_the1 X0 X1) X0)) \quad (1)$$

Assume the following.

$$\forall X0.m1_subset_1 (k1_subset_1 X0) (k1_zfmisc_1 X0) \quad (2)$$

Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (k4_cqc_the1 X0 = k1_cqc_the1 X0 (k1_subset_1 (k3_cqc_lang X0))) \quad (3)$$

Theorem 1 $\forall X0.(m1_qc_lang1 X0) \Rightarrow (v1_cqc_the1 (k4_cqc_the1 X0) X0)$.