

t39_cqc_the1 (TMMb- faDgHd6qNxTbtWkbxZFwFnBwUktkUkW)

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Let $m1_qc_lang1 : \iota \Rightarrow o$ 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 $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_cqc_the1 : \iota \Rightarrow \iota$ be given. Let $k1_cqc_the1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_cqc_the1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 (k3_cqc_lang X0))) \Rightarrow ((v1_cqc_the1 X1 X0) \Rightarrow (r1_tarski (k4_cqc_the1 X0) X1))) \quad (1)$$

Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 (k3_cqc_lang X0))) \Rightarrow (v1_cqc_the1 (k1_cqc_the1 X0 X1) X0)) \quad (2)$$

Assume the following.

$$\forall X0.\forall X1.((m1_qc_lang1 X0) \wedge (m1_subset_1 X1 (k1_zfmisc_1 (k3_cqc_lang X0)))) \Rightarrow (m1_subset_1 (k1_cqc_the1 X0 X1) (k1_zfmisc_1 (k3_cqc_lang X0))) \quad (3)$$

Theorem 1

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 (k3_cqc_lang X0))) \Rightarrow (r1_tarski (k4_cqc_the1 X0) (k1_cqc_the1 X0 X1)))$$