

t38_cqc_the1
(TMawcyq77vbHkXPqpr9xK6ePegcEXJ4e2rK)

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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 $v1_cqc_the1 : \iota \Rightarrow \iota \Rightarrow o$ 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 $k1_subset_1 : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X0 (k1_zfmisc_1 X1)) \Leftrightarrow (r1_tarski X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. (m1_qc_lang1 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k3_cqc_lang X0))) \Rightarrow (\forall X2. (m1_subset_1 X2 (k1_zfmisc_1 (k3_cqc_lang X0))) \Rightarrow ((v1_cqc_the1 X1 X0) \wedge (r1_tarski X2 X1)) \Rightarrow (r1_tarski (k1_cqc_the1 X0 X2) X1)))) \quad (2)$$

Assume the following.

$$\forall X0. m1_subset_1 (k1_subset_1 X0) (k1_zfmisc_1 X0) \quad (3)$$

Assume the following.

$$\forall X0. (m1_qc_lang1 X0) \Rightarrow (k4_cqc_the1 X0 = k1_cqc_the1 X0 (k1_subset_1 (k3_cqc_lang X0))) \quad (4)$$

Assume the following.

$$\forall X0. k1_subset_1 X0 = k1_xboole_0 \quad (5)$$

Theorem 1

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