

t60_cqc_the1 (TMaiGftCSAL- cEVmjvVLBPdKb5i9TtpGX1cD)

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Let $m1_qc_lang1 : \iota \Rightarrow o$ be given. Let $v2_cqc_the1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_cqc_lang : \iota \Rightarrow \iota$ be given. Let $k4_cqc_the1 : \iota \Rightarrow \iota$ be given. Let $k12_qc_lang1 : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k9_qc_lang1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (k5_cqc_lang X0 \in k4_cqc_the1 X0) \quad (1)$$

Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (k5_cqc_lang X0 = k12_qc_lang1 X0) \quad (2)$$

Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (m1_subset_1 (k12_qc_lang1 X0) (k9_qc_lang1 X0)) \quad (3)$$

Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k9_qc_lang1 X0)) \Rightarrow ((v2_cqc_the1 X1 X0) \Leftrightarrow (X1 \in k4_cqc_the1 X0))) \quad (4)$$

Theorem 1 $\forall X0.(m1_qc_lang1 X0) \Rightarrow (v2_cqc_the1 (k5_cqc_lang X0) X0)$.