t1_goedelcp (TMPq-gRUJx26arRdkn1NHCnY6mhPG7afrxFY)

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Let $m1\_qc\_lang1 : \iota \Rightarrow o$ be given. Let $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k9\_qc\_lang1 : \iota \Rightarrow \iota$ be given. Let $k3\_cqc\_lang : \iota \Rightarrow \iota$ be given. Let $v1\_henmodel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $v1\_goedelcp : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1\_henmodel : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_cqc\_lang : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1\_qc\_lang1\ X0) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k3\_cqc\_lang\ X0))) \Rightarrow ((v1\_henmodel\ X1\ X0) \Leftrightarrow (\forall X2.(m2\_subset\_1\ X2\ (k9\_qc\_lang1\ X0)\ (k3\_cqc\_lang\ X0)) \Rightarrow (\neg(r1\_henmodel\ X0\ X1\ X2) \wedge (r1\_henmodel\ X0\ X1\ (k6\_cqc\_lang\ X0\ X2))))))) \tag{1}$$

Assume the following.

$$\forall X0.(m1\_qc\_lang1\ X0) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k3\_cqc\_lang\ X0))) \Rightarrow ((v1\_goedelcp\ X1\ X0) \Leftrightarrow (\forall X2.(m2\_subset\_1\ X2\ (k9\_qc\_lang1\ X0)\ (k3\_cqc\_lang\ X0)) \Rightarrow ((r1\_henmodel\ X0\ X1\ X2) \vee (r1\_henmodel\ X0\ X1\ (k6\_cqc\_lang\ X0\ X2))))))) \tag{2}$$

Theorem 1

$$\forall X0.(m1\_qc\_lang1\ X0) \Rightarrow (\forall X1.(m2\_subset\_1\ X1\ (k9\_qc\_lang1\ X0)\ (k3\_cqc\_lang\ X0)) \Rightarrow (\forall X2.((v1\_henmodel\ X2\ X0) \wedge (m1\_subset\_1\ X2\ (k1\_zfmisc\_1\ (k3\_cqc\_lang\ X0)))) \Rightarrow ((v1\_goedelcp\ X2\ X0) \Rightarrow ((r1\_henmodel\ X0\ X2\ X1) \Leftrightarrow (\neg r1\_henmodel\ X0\ X2\ (k6\_cqc\_lang\ X0\ X1))))))$$