

t2_pythtrip
(TMKgfY6CihwgL6bYkm89hmvehCrmUmYB4gP)

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Let $v1_int_1 : \iota \Rightarrow o$ be given. Let $v1_abian : \iota \Rightarrow o$ be given. Let $k1_pepin : \iota \Rightarrow \iota$ be given. Let $k3_square_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_int_1 X0) \Rightarrow (k1_pepin X0 = k3_square_1 X0) \quad (1)$$

Assume the following.

$$\forall X0.((v1_int_1 X0) \wedge (\neg v1_abian X0)) \Rightarrow (\neg v1_abian (k3_square_1 X0)) \quad (2)$$

Assume the following.

$$\forall X0.((v1_int_1 X0) \wedge (v1_abian X0)) \Rightarrow (v1_abian (k3_square_1 X0)) \quad (3)$$

Theorem 1 $\forall X0.(v1_int_1 X0) \Rightarrow ((v1_abian X0) \Leftrightarrow (v1_abian (k1_pepin X0)))$.