

t62_quatern3
(TMXiC9WtDyVMpSJtixDM6GYpJWkMpagyVBV)

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Let $v1_quaterni : \iota \Rightarrow o$ be given. Let $k26_quaterni : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k29_quaterni : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_quaterni X0) \Rightarrow (\forall X1.(v1_quaterni X1) \Rightarrow (X0 = k29_quaterni (k26_quaterni X0 X1) X1)) \quad (1)$$

Theorem 1

$$\forall X0.(v1_quaterni X0) \Rightarrow (\forall X1.(v1_quaterni X1) \Rightarrow (\forall X2.(v1_quaterni X2) \Rightarrow ((k26_quaterni X0 X1 = k26_quaterni X2 X1) \Rightarrow (X0 = X2))))$$