

t5\_quaterni  
(TMFe7xAqpuzD1csEQCdkZE6tnSfKUJKGEek)

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Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k2\_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (r1\_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. (X4 = k2\_enumset1 X0 X1 X2 X3) \Leftrightarrow (\forall X5. (X5 \in X4) \Leftrightarrow (\neg (X5 \neq X0) \wedge ((X5 \neq X1) \wedge ((X5 \neq X2) \wedge (X5 \neq X3)))))) \quad (2)$$

**Theorem 1**

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. (r1\_tarski (k2\_enumset1 X0 X1 X2 X3) X4) \Leftrightarrow ((X0 \in X4) \wedge ((X1 \in X4) \wedge ((X2 \in X4) \wedge (X3 \in X4))))$$