

l2_quatern3 (TMVr- WahFpk6RRhKrm2paYWbgLtUoVGaKS3w)

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Let $v1_quaterni : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $k17_quaterni : \iota \Rightarrow \iota$ be given. Let $k18_quaterni : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k19_quaterni : \iota \Rightarrow \iota$ be given. Let $k20_quaterni : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(v1_quaterni X0) \Rightarrow (\forall X1.(m1_subset_1 X1 k1_numbers) \Rightarrow \\ & ((X0 = X1) \Rightarrow ((k17_quaterni X0 = X1) \wedge ((k18_quaterni X0 = k6_numbers) \wedge \\ & ((k19_quaterni X0 = k6_numbers) \wedge (k20_quaterni X0 = k6_numbers)))))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0.(v1_quaterni X0) \Rightarrow ((m1_subset_1 X0 k1_numbers) \Rightarrow ((\\ & X0 = k17_quaterni X0) \wedge ((k18_quaterni X0 = k6_numbers) \wedge ((k19_quaterni \\ & X0 = k6_numbers) \wedge (k20_quaterni X0 = k6_numbers)))))) \end{aligned}$$