

t32_valued_2 (TMRPuvL- Zon4PKo5vVf6RX8Dhba2HLESFyZ7)

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Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_valued_0 : \iota \Rightarrow o$ be given. Let $k14_valued_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_xcmplx_0 : \iota \Rightarrow \iota$ be given. Let $k30_valued_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v1_xcmplx_0 X0) \Rightarrow (\forall X1.((v1_relat_1 X1) \wedge ((\\ v1_funct_1 X1) \wedge (v1_valued_0 X1))) \Rightarrow (k14_valued_2 X1 (k4_xcmplx_0 \\ X0) = k30_valued_1 (k14_valued_2 X1 X0))) \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} \forall X0.(v1_xcmplx_0 X0) \Rightarrow (\forall X1.((v1_relat_1 X1) \wedge ((\\ v1_funct_1 X1) \wedge (v1_valued_0 X1))) \Rightarrow (k14_valued_2 (k30_valued_1 \\ X1) X0 = k30_valued_1 (k14_valued_2 X1 X0))) \end{aligned} \tag{2}$$

Theorem 1

$$\begin{aligned} \forall X0.(v1_xcmplx_0 X0) \Rightarrow (\forall X1.((v1_relat_1 X1) \wedge ((\\ v1_funct_1 X1) \wedge (v1_valued_0 X1))) \Rightarrow (k14_valued_2 X1 (k4_xcmplx_0 \\ X0) = k14_valued_2 (k30_valued_1 X1) X0)) \end{aligned}$$