

t1_finance1 (TM- FVS2HWPUvPTDRRJcapJCdLtXtkFAHinrg)

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Let $v1_xreal_0 : \iota \Rightarrow o$ be given. Let $k6_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_numbers : \iota$ be given. Let $k3_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xxreal_0 : \iota$ be given. Let $k2_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xxreal_0 : \iota$ be given. Let $v1_xxreal_0 : \iota \Rightarrow o$ be given. Let $k4_xxreal_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xxreal_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v1_xxreal_0 X0) \Rightarrow (\forall X1.(v1_xreal_0 X1) \Rightarrow (k6_subset_1 \\ (k4_xxreal_1 X0 k1_xxreal_0) (k2_xxreal_1 X1 k1_xxreal_0) = k4_xxreal_1 \\ X0 X1)) \end{aligned} \tag{1}$$

Assume the following.

$$k1_numbers = k4_xxreal_1 k2_xxreal_0 k1_xxreal_0 \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.((v1_xreal_0 X0) \wedge (v1_xxreal_0 X1)) \Rightarrow (k3_rcomp_1 \\ X0 X1 = k2_xxreal_1 X0 X1) \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.((v1_xxreal_0 X0) \wedge (v1_xxreal_0 X1)) \Rightarrow (\\ k2_rcomp_1 X0 X1 = k4_xxreal_1 X0 X1) \tag{4}$$

Assume the following.

$$v1_xxreal_0 k2_xxreal_0 \tag{5}$$

Assume the following.

$$v1_xxreal_0 k1_xxreal_0 \tag{6}$$

Assume the following.

$$\forall X0.(v1_xreal_0 X0) \Rightarrow (v1_xxreal_0 X0) \tag{7}$$

Theorem 1

$$\forall X0.(v1_xreal_0 X0) \Rightarrow (k6_subset_1 k1_numbers (k3_rcomp_1 \\ X0 k1_xxreal_0) = k2_rcomp_1 k2_xxreal_0 X0)$$