

t7_afproj
(TMLx1UH4vijLVMWiQHFS3ACQf2nNn68WHsp)

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Let $v7_struct_0 : \iota \Rightarrow o$ be given. Let $v1_diraf : \iota \Rightarrow o$ be given. Let $l1_analoaf : \iota \Rightarrow o$ be given. Let $k1_afproj : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $v1_aff_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} & \forall X0. ((\neg v7_struct_0 X0) \wedge ((v1_diraf X0) \wedge (l1_analoaf X0))) \Rightarrow \\ & (k1_afproj X0 = ReplSep (toset (\lambda X1 : \iota. m1_subset_1 X1 (k1_zfmisc_1 \\ & (u1_struct_0 X0)))) (\lambda X1 : \iota. v1_aff_1 X1 X0) (\lambda X1 : \iota. \\ & X1)) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0. ((\neg v7_struct_0 X0) \wedge ((v1_diraf X0) \wedge (l1_analoaf X0))) \Rightarrow \\ & (\forall X1. (X1 \in k1_afproj X0) \Leftrightarrow (\exists X2. (m1_subset_1 X2 (k1_zfmisc_1 \\ & (u1_struct_0 X0))) \wedge ((X1 = X2) \wedge (v1_aff_1 X2 X0)))) \end{aligned}$$