l68_afproj (TMd9VnG3cvWEfkVy1C26Hiq1hi6dQ4Vinoi)

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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 $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1\_incsp\_1 : \iota \Rightarrow \iota$ be given. Let $k13\_afproj : \iota \Rightarrow \iota$ be given. Let $u2\_incsp\_1 : \iota \Rightarrow \iota$ be given. Let $r1\_incsp\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((\neg v7\_struct\_0\ X0) \wedge ((v1\_diraf\ X0) \wedge (l1\_analoaf\ X0))) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (u1\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X2.(m1\_subset\_1\ X2\ (u1\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X3.(m1\_subset\_1\ X3\ (u1\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X4.(m1\_subset\_1\ X4\ (u1\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X5.(m1\_subset\_1\ X5\ (u1\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X6.(m1\_subset\_1\ X6\ (u2\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X7.(m1\_subset\_1\ X7\ (u2\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X8.(m1\_subset\_1\ X8\ (u2\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\forall X9.(m1\_subset\_1\ X9\ (u2\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\neg(r1\_incsp\_1\ (k13\_afproj\ X0)\ X1\ X6) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X2\ X6) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X3\ X7) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X4\ X7) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X6) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X7) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X1\ X8) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X3\ X8) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X2\ X9) \wedge ((r1\_incsp\_1\ (k13\_afproj\ X0)\ X4\ X9) \wedge ((\neg r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X8) \wedge ((\neg r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X9) \wedge ((X6 \neq X7) \wedge ((\neg m1\_subset\_1\ X5\ (u1\_struct\_0\ X0)) \wedge ((m1\_subset\_1\ X1\ (u1\_struct\_0\ X0)) \wedge (\forall X10.(m1\_subset\_1\ X10\ (u1\_incsp\_1\ (k13\_afproj\ X0))) \Rightarrow (\neg(r1\_incsp\_1\ (k13\_afproj\ X0)\ X10\ X8) \wedge (r1\_incsp\_1\ (k13\_afproj\ X0)\ X10\ X9)))))))))))))))))))))))))))))))))) \tag{1}$$

Theorem 1

$$\forall X0.((\neg v7\_struct\_0\ X0)\wedge((v1\_diraf\ X0)\wedge(l1\_analoaf\ X0)))\Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (u1\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X2. (m1\_subset\_1\ X2\ (u1\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X3.(m1\_subset\_1\ X3\ (u1\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X4.(m1\_subset\_1\ X4\ (u1\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X5.(m1\_subset\_1\ X5\ (u1\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X6.(m1\_subset\_1\ X6\ (u2\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X7.(m1\_subset\_1\ X7\ (u2\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow (\forall X8.(m1\_subset\_1\ X8\ (u2\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\forall X9. (m1\_subset\_1\ X9\ (u2\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\neg(r1\_incsp\_1\ (k13\_afproj\ X0)\ X1\ X6)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X2\ X6)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X3\ X7)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X4\ X7)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X6)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X7)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X1\ X8)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X3\ X8)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X2\ X9)\wedge((r1\_incsp\_1\ (k13\_afproj\ X0)\ X4\ X9)\wedge((\neg r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X8)\wedge((\neg r1\_incsp\_1\ (k13\_afproj\ X0)\ X5\ X9)\wedge((X6\neq X7)\wedge((\neg m1\_subset\_1\ X5\ (u1\_struct\_0\ X0))\wedge((\neg(\neg m1\_subset\_1\ X1\ (u1\_struct\_0\ X0))\wedge((\neg m1\_subset\_1\ X2\ (u1\_struct\_0\ X0))\wedge((\neg m1\_subset\_1\ X3\ (u1\_struct\_0\ X0))\wedge(\neg m1\_subset\_1\ X4\ (u1\_struct\_0\ X0)))))\wedge(\forall X10.(m1\_subset\_1\ X10\ (u1\_incsp\_1\ (k13\_afproj\ X0)))\Rightarrow(\neg(r1\_incsp\_1\ (k13\_afproj\ X0)\ X10\ X8)\wedge(r1\_incsp\_1\ (k13\_afproj\ X0)\ X10\ X9))))))))))))))))))))))))))$$