

# t69\_polyform

## (TMEiPaMHnc5JaMsiCX5LusacGbqUto28QVd)

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Let  $v2\_polyform : \iota \Rightarrow o$  be given. Let  $v3\_polyform : \iota \Rightarrow o$  be given. Let  $v4\_polyform : \iota \Rightarrow o$  be given. Let  $l1\_polyform : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k17\_polyform : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k7\_polyform : \iota \Rightarrow \iota$  be given. Let  $k4\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0.((v2\_polyform X0) \wedge ((v3\_polyform X0) \wedge ((v4\_polyform \\ & X0) \wedge (l1\_polyform X0)))) \Rightarrow (\forall X1.(m1\_subset\_1 X1 (u1\_struct\_0 \\ & (k17\_polyform X0 (k7\_polyform X0)))) \Rightarrow ((X1 = k4\_struct\_0 (k17\_polyform \\ & X0 (k7\_polyform X0))) \vee (X1 = k1\_tarski X0))) \end{aligned} \tag{1}$$

### Theorem 1

$$\begin{aligned} & \forall X0.((v2\_polyform X0) \wedge ((v3\_polyform X0) \wedge ((v4\_polyform \\ & X0) \wedge (l1\_polyform X0)))) \Rightarrow (\forall X1.(m1\_subset\_1 X1 (u1\_struct\_0 \\ & (k17\_polyform X0 (k7\_polyform X0)))) \Rightarrow (\forall X2.(m1\_subset\_1 \\ & X2 (u1\_struct\_0 (k17\_polyform X0 (k7\_polyform X0)))) \Rightarrow (\neg(X1 \neq X2) \wedge \\ & ((X1 \neq k4\_struct\_0 (k17\_polyform X0 (k7\_polyform X0))) \wedge (X2 \neq k4\_struct\_0 \\ & (k17\_polyform X0 (k7\_polyform X0)))))) \end{aligned}$$