

t14\_csspace  
(TMSckSZs79TXRzuph5uZJokEwfjouNqccJY)

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Let  $v2\_struct\_0 : \iota \Rightarrow o$  be given. Let  $g1\_clvect\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k11\_csspace : \iota$  be given. Let  $k10\_csspace : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k7\_csspace : \iota$  be given. Let  $k8\_csspace : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k9\_csspace : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $v13\_algstr\_0 : \iota \Rightarrow o$  be given. Let  $v2\_rlvect\_1 : \iota \Rightarrow o$  be given. Let  $v3\_rlvect\_1 : \iota \Rightarrow o$  be given. Let  $v4\_rlvect\_1 : \iota \Rightarrow o$  be given. Let  $v2\_clvect\_1 : \iota \Rightarrow o$  be given. Let  $v3\_clvect\_1 : \iota \Rightarrow o$  be given. Let  $v4\_clvect\_1 : \iota \Rightarrow o$  be given. Let  $v5\_clvect\_1 : \iota \Rightarrow o$  be given. Let  $l1\_clvect\_1 : \iota \Rightarrow o$  be given. Let  $m1\_clvect\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v1\_clvect\_1 : \iota \Rightarrow o$  be given. Assume the following.

$$\begin{aligned} & m1\_clvect\_1 (g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace \\ & k11\_csspace) (k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace \\ & k7\_csspace k11\_csspace)) k7\_csspace \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} & (\neg v2\_struct\_0 k7\_csspace) \wedge ((v13\_algstr\_0 k7\_csspace) \wedge ((v2\_rlvect\_1 \\ & k7\_csspace) \wedge ((v3\_rlvect\_1 k7\_csspace) \wedge ((v4\_rlvect\_1 k7\_csspace) \wedge \\ & ((v1\_clvect\_1 k7\_csspace) \wedge ((v2\_clvect\_1 k7\_csspace) \wedge ((v3\_clvect\_1 \\ & k7\_csspace) \wedge ((v4\_clvect\_1 k7\_csspace) \wedge (v5\_clvect\_1 k7\_csspace)))))))))) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} & \forall X0. ((\neg v2\_struct\_0 X0) \wedge ((v13\_algstr\_0 X0) \wedge ((v2\_rlvect\_1 \\ & X0) \wedge ((v3\_rlvect\_1 X0) \wedge ((v4\_rlvect\_1 X0) \wedge ((v2\_clvect\_1 X0) \wedge \\ & ((v3\_clvect\_1 X0) \wedge ((v4\_clvect\_1 X0) \wedge ((v5\_clvect\_1 X0) \wedge (l1\_clvect\_1 \\ & X0)))))))))) \Rightarrow (\forall X1. (m1\_clvect\_1 X1 X0) \Rightarrow ((\neg v2\_struct\_0 \\ & X1) \wedge ((v13\_algstr\_0 X1) \wedge ((v2\_rlvect\_1 X1) \wedge ((v3\_rlvect\_1 X1) \wedge \\ & ((v4\_rlvect\_1 X1) \wedge ((v2\_clvect\_1 X1) \wedge ((v3\_clvect\_1 X1) \wedge ((v4\_clvect\_1 \\ & X1) \wedge ((v5\_clvect\_1 X1) \wedge (l1\_clvect\_1 X1))))))))))))) \end{aligned} \quad (3)$$

Assume the following.

$$\begin{aligned} & (\neg v2\_struct\_0 k7\_csspace) \wedge ((v1\_clvect\_1 k7\_csspace) \wedge (l1\_clvect\_1 \\ & k7\_csspace)) \end{aligned} \quad (4)$$

**Theorem 1**

$(\neg v2\_struct\_0 (g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace$   
 $k11\_csspace) (k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace$   
 $k7\_csspace k11\_csspace))) \wedge ((v13\_algstr\_0 (g1\_clvect\_1 k11\_csspace$   
 $(k10\_csspace k7\_csspace k11\_csspace) (k8\_csspace k7\_csspace$   
 $k11\_csspace) (k9\_csspace k7\_csspace k11\_csspace))) \wedge ((v2\_rlvect\_1$   
 $(g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace k11\_csspace)$   
 $(k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace k7\_csspace k11\_csspace))) \wedge$   
 $((v3\_rlvect\_1 (g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace$   
 $k11\_csspace) (k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace$   
 $k7\_csspace k11\_csspace))) \wedge ((v4\_rlvect\_1 (g1\_clvect\_1 k11\_csspace$   
 $(k10\_csspace k7\_csspace k11\_csspace) (k8\_csspace k7\_csspace$   
 $k11\_csspace) (k9\_csspace k7\_csspace k11\_csspace))) \wedge ((v2\_clvect\_1$   
 $(g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace k11\_csspace)$   
 $(k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace k7\_csspace k11\_csspace))) \wedge$   
 $((v3\_clvect\_1 (g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace$   
 $k11\_csspace) (k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace$   
 $k7\_csspace k11\_csspace))) \wedge ((v4\_clvect\_1 (g1\_clvect\_1 k11\_csspace$   
 $(k10\_csspace k7\_csspace k11\_csspace) (k8\_csspace k7\_csspace$   
 $k11\_csspace) (k9\_csspace k7\_csspace k11\_csspace))) \wedge ((v5\_clvect\_1$   
 $(g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace k11\_csspace)$   
 $(k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace k7\_csspace k11\_csspace))) \wedge$   
 $(l1\_clvect\_1 (g1\_clvect\_1 k11\_csspace (k10\_csspace k7\_csspace$   
 $k11\_csspace) (k8\_csspace k7\_csspace k11\_csspace) (k9\_csspace$   
 $k7\_csspace k11\_csspace))))))))))$