

## t14\_aff\_2

(TMT2QzmdaGPNVQkkN7s2BSweRjDAjjXsBBc)

October 27, 2020

Let  $v7\_struct\_0 : \iota \Rightarrow o$  be given. Let  $v1\_diraf : \iota \Rightarrow o$  be given. Let  $v2\_diraf : \iota \Rightarrow o$  be given. Let  $l1\_analoaf : \iota \Rightarrow o$  be given. Let  $v7\_aff\_2 : \iota \Rightarrow o$  be given. Let  $v11\_aff\_2 : \iota \Rightarrow o$  be given. Let  $v12\_aff\_2 : \iota \Rightarrow o$  be given. Let  $v8\_aff\_2 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. ((\neg v7\_struct\_0 X0) \wedge ((v1\_diraf X0) \wedge ((v2\_diraf X0) \wedge (l1\_analoaf X0)))) \Rightarrow ((v11\_aff\_2 X0) \Leftrightarrow (v12\_aff\_2 X0)) \quad (1)$$

Assume the following.

$$\forall X0. ((\neg v7\_struct\_0 X0) \wedge ((v1\_diraf X0) \wedge ((v2\_diraf X0) \wedge (l1\_analoaf X0)))) \Rightarrow ((v7\_aff\_2 X0) \Rightarrow (v8\_aff\_2 X0)) \quad (2)$$

Assume the following.

$$\forall X0. ((\neg v7\_struct\_0 X0) \wedge ((v1\_diraf X0) \wedge ((v2\_diraf X0) \wedge (l1\_analoaf X0)))) \Rightarrow ((v8\_aff\_2 X0) \Rightarrow (v12\_aff\_2 X0)) \quad (3)$$

### Theorem 1

$$\forall X0. ((\neg v7\_struct\_0 X0) \wedge ((v1\_diraf X0) \wedge ((v2\_diraf X0) \wedge (l1\_analoaf X0)))) \Rightarrow ((v7\_aff\_2 X0) \Rightarrow (v11\_aff\_2 X0))$$