

l1\_vectsp\_2 (TM-  
Mvefugy7qVA1ZsLXx21eWhFPYyvPARbWq)

October 27, 2020

Let  $v2\_struct\_0 : \iota \Rightarrow o$  be given. Let  $l4\_algstr\_0 : \iota \Rightarrow o$  be given. Let  $v4\_vectsp\_1 : \iota \Rightarrow o$  be given. Let  $k5\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k1\_group\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. ((\neg v2\_struct\_0 X0) \wedge (v4\_vectsp\_1 X0) \wedge (l4\_algstr\_0 X0)) \Rightarrow (k1\_group\_1 X0 = k5\_struct\_0 X0) \quad (1)$$

**Theorem 1**

$$\forall X0. ((\neg v2\_struct\_0 X0) \wedge (l4\_algstr\_0 X0)) \Rightarrow ((v4\_vectsp\_1 X0) \Rightarrow (k5\_struct\_0 X0 = k1\_group\_1 X0))$$