

## l4\_frechet2

(TMMz2PEgtxo1EserpHDeNF9QxgfwPzfosmR)

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Let  $v2\_struct\_0 : \iota \Rightarrow o$  be given. Let  $v2\_pre\_topc : \iota \Rightarrow o$  be given. Let  $l1\_pre\_topc : \iota \Rightarrow o$  be given. Let  $v8\_pre\_topc : \iota \Rightarrow o$  be given. Let  $v7\_pre\_topc : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0.(l1\_pre\_topc X0) \Rightarrow ((v8\_pre\_topc X0) \Rightarrow (v7\_pre\_topc X0)) \quad (1)$$

**Theorem 1**

$$\forall X0.((\neg v2\_struct\_0 X0) \wedge ((v2\_pre\_topc X0) \wedge (l1\_pre\_topc X0))) \Rightarrow ((v8\_pre\_topc X0) \Rightarrow (v7\_pre\_topc X0))$$