

t8\_matrix\_5  
(TMVFZULj9pe6y4UQLLZsBiD8qiosNiRJnn4)

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Let  $v1\_matrix\_1 : \iota \Rightarrow o$  be given. Let  $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k3\_finseq\_2 : \iota \Rightarrow \iota$  be given. Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k1\_complfld : \iota$  be given. Let  $k3\_finseq\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_matrix\_5 : \iota \Rightarrow \iota$  be given. Let  $k1\_matrix\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.((v1\_matrix\_1 X0) \wedge (m2\_finseq\_1 X0 (k3\_finseq\_2 (u1\_struct\_0 k1\_complfld)))) \Rightarrow (k2\_matrix\_5 X0 = X0) \quad (1)$$

**Theorem 1**

$$\forall X0.((v1\_matrix\_1 X0) \wedge (m2\_finseq\_1 X0 (k3\_finseq\_2 (u1\_struct\_0 k1\_complfld)))) \Rightarrow ((k3\_finseq\_1 X0 = k3\_finseq\_1 (k2\_matrix\_5 X0)) \wedge (k1\_matrix\_1 X0 = k1\_matrix\_1 (k2\_matrix\_5 X0)))$$