

## t11\_laplace

(TMKmTEtmKUH7We9aZUBD7js3HbPnH1mqBs9)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $np\_2 : \iota$  be given. Let  $m1\_matrix\_2 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k12\_matrix\_2 : \iota \Rightarrow \iota$  be given. Let  $v5\_matrix\_2 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k11\_matrix\_2 : \iota \Rightarrow \iota$  be given. Let  $k1\_finseq\_2 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} \forall X0.(v7\_ordinal1 X0) \Rightarrow (\forall X1.(m1\_matrix\_2 X1 (k12\_matrix\_2 \\ X0)) \Rightarrow ((\neg r1\_xxreal\_0 np\_2 X0) \Rightarrow ((v5\_matrix\_2 X1 (k11\_matrix\_2 \\ (k12\_matrix\_2 X0))) \wedge (X1 = k1\_finseq\_2 X0)))) \end{aligned} \quad (1)$$

### Theorem 1

$$\begin{aligned} \forall X0.(v7\_ordinal1 X0) \Rightarrow ((\neg r1\_xxreal\_0 np\_2 X0) \Rightarrow (\forall X1. \\ (m1\_matrix\_2 X1 (k12\_matrix\_2 X0)) \Rightarrow ((v5\_matrix\_2 X1 (k11\_matrix\_2 \\ (k12\_matrix\_2 X0))) \wedge (X1 = k1\_finseq\_2 X0)))) \end{aligned}$$