

### t3\_radix\_5

(TMd2PpjhoHDuuZ7yFz7GdsYFgRQwAx3ueQ4)

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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  $np\_4 : \iota$  be given. Let  $k1\_radix\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$k2\_xcmplx\_0 \ np\_2 \ np\_2 = np\_4 \tag{1}$$

Assume the following.

$$\forall X0.(v7\_ordinal1 \ X0) \Rightarrow ((r1\_xxreal\_0 \ np\_2 \ X0) \Rightarrow (r1\_xxreal\_0 \ (k2\_xcmplx\_0 \ np\_2 \ np\_2) \ (k1\_radix\_1 \ X0))) \tag{2}$$

#### Theorem 1

$$\forall X0.(v7\_ordinal1 \ X0) \Rightarrow ((r1\_xxreal\_0 \ np\_2 \ X0) \Rightarrow (r1\_xxreal\_0 \ np\_4 \ (k1\_radix\_1 \ X0)))$$