

l1\_uniroots  
(TMMn4GyFMjwECnCKFPZNfZD3dDjdHjhwHTg)

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Let  $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_numbers : \iota$  be given. Let  $k5\_numbers : \iota$  be given. Let  $v1\_xboole\_0 : \iota \Rightarrow o$  be given. Let  $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $np\_1 : \iota$  be given. Assume the following.

$$\forall X0.(m2\_subset\_1 X0 k1\_numbers k5\_numbers) \Rightarrow ((v1\_xboole\_0 X0) \Leftrightarrow (\neg r1\_xxreal\_0 np\_1 X0)) \quad (1)$$

**Theorem 1**

$$\forall X0.(m2\_subset\_1 X0 k1\_numbers k5\_numbers) \Rightarrow ((\neg v1\_xboole\_0 X0) \Leftrightarrow (r1\_xxreal\_0 np\_1 X0))$$