

t1\_borsuk\_7 (TMQAwUun-  
wUt1QhbvHJFSNjYjHkbsZ7wuAYv)

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Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_numbers : \iota$  be given. Let  $k3\_square\_1 : \iota \Rightarrow \iota$  be given. Let  $k6\_square\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow ((r1\_xxreal\_0 k6\_numbers X0) \Rightarrow (k6\_square\_1 (k3\_square\_1 X0) = X0)) \quad (1)$$

**Theorem 1**

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow (((r1\_xxreal\_0 k6\_numbers X0) \wedge ((r1\_xxreal\_0 k6\_numbers X1) \wedge (k3\_square\_1 X0 = k3\_square\_1 X1))) \Rightarrow (X0 = X1)))$$