

# 150\_jordan3

(TMJiTd3GdNXPPrMXXNhH8rjyegBvJj2Pm44)

October 27, 2020

Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k5\_numbers : \iota$  be given. Let  $v1\_xboole\_0 : \iota \Rightarrow o$  be given. Let  $k17\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k6\_finseq\_1 : \iota \Rightarrow \iota$  be given. Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k4\_ordinal1 : \iota$  be given. Assume the following.

$$\forall X0. (\neg v1\_xboole\_0 X0) \Rightarrow (\forall X1. (v7\_ordinal1 X1) \Rightarrow (k17\_finseq\_1 X0 X1 (k6\_finseq\_1 X0) = k6\_finseq\_1 X0)) \quad (1)$$

Assume the following.

$$k5\_numbers = k4\_ordinal1 \quad (2)$$

Assume the following.

$$\forall X0. (m1\_subset\_1 X0 k4\_ordinal1) \Rightarrow (v7\_ordinal1 X0) \quad (3)$$

## Theorem 1

$$\forall X0. (m1\_subset\_1 X0 k5\_numbers) \Rightarrow (\forall X1. (\neg v1\_xboole\_0 X1) \Rightarrow (k17\_finseq\_1 X1 X0 (k6\_finseq\_1 X1) = k6\_finseq\_1 X1))$$