

# l124\_toprealb (TMFcChyPqtpvMVWyD- SaxFqPyzQdLM6BDy5p)

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Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k1\_pre\_topc : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_topalg\_2 : \iota$  be given. Let  $k5\_toprealb : \iota \Rightarrow \iota$  be given. Let  $c44\_toprealb : \iota$  be given. Let  $l1\_pre\_topc : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k3\_topmetr : \iota$  be given. Let  $k1\_numbers : \iota$  be given. Let  $v2\_pre\_topc : \iota \Rightarrow o$  be given. Let  $v1\_xboole\_0 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0.(l1\_pre\_topc X0) \Rightarrow (\forall X1.(m1\_subset\_1 X1 (k1\_zfmisc\_1 (u1\_struct\_0 X0))) \Rightarrow (u1\_struct\_0 (k1\_pre\_topc X0 X1) = X1)) \quad (1)$$

Assume the following.

$$k2\_topalg\_2 = k3\_topmetr \quad (2)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (k1\_zfmisc\_1 k1\_numbers)) \Rightarrow (m1\_subset\_1 (k5\_toprealb X0) (k1\_zfmisc\_1 (u1\_struct\_0 k2\_topalg\_2))) \quad (3)$$

Assume the following.

$$(v2\_pre\_topc k3\_topmetr) \wedge (l1\_pre\_topc k3\_topmetr) \quad (4)$$

Assume the following.

$$(\neg v1\_xboole\_0 c44\_toprealb) \wedge (m1\_subset\_1 c44\_toprealb (k1\_zfmisc\_1 k1\_numbers)) \quad (5)$$

## Theorem 1

$$u1\_struct\_0 (k1\_pre\_topc k2\_topalg\_2 (k5\_toprealb c44\_toprealb)) = k5\_toprealb c44\_toprealb$$