l21_jordan20 (TMWeFLtg-mxwJJ4yN28aEBYtt1nFoa9UHCU3)

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Let $k2\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k5\_topmetr : \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k17\_borsuk\_1 : \iota$ be given. Let $v2\_struct\_0 : \iota \Rightarrow o$ be given. Let $v1\_pre\_topc : \iota \Rightarrow o$ be given. Let $v2\_pre\_topc : \iota \Rightarrow o$ be given. Let $l1\_struct\_0 : \iota \Rightarrow o$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $l1\_pre\_topc : \iota \Rightarrow o$ be given. Assume the following.

$$k5\_topmetr = k17\_borsuk\_1 \tag{1}$$

Assume the following.

$$(\neg v2\_struct\_0\ k17\_borsuk\_1) \wedge ((v1\_pre\_topc\ k17\_borsuk\_1) \wedge (v2\_pre\_topc\ k17\_borsuk\_1)) \tag{2}$$

Assume the following.

$$\forall X0.((\neg v2\_struct\_0\ X0) \wedge (l1\_struct\_0\ X0)) \Rightarrow (\neg v1\_xboole\_0\ (k2\_struct\_0\ X0)) \tag{3}$$

Assume the following.

$$v1\_xboole\_0\ k1\_xboole\_0 \tag{4}$$

Assume the following.

$$\forall X0.(l1\_pre\_topc\ X0) \Rightarrow (l1\_struct\_0\ X0) \tag{5}$$

Assume the following.

$$l1\_pre\_topc\ k17\_borsuk\_1 \tag{6}$$

Theorem 1 $k2\_struct\_0\ k5\_topmetr \neq k1\_xboole\_0$.