l2_metric_1 (TMVPPywYRpbeS2NqFoNWEsKxNjsCygtKFQk)

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Let $k1\_binop\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k9\_funct\_5 : \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k13\_funcop\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7\_funct\_5 : \iota$ be given. Let $k17\_funcop\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.k1\_binop\_1\ (k13\_funcop\_1\ X0\ X1\ X2)\ X0\ X1 = X2 \tag{1}$$

Assume the following.

$$k9\_funct\_5 = k7\_funct\_5 \tag{2}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.k17\_funcop\_1\ X0\ X1\ X2 = k13\_funcop\_1\ X0\ X1\ X2 \tag{4}$$

Assume the following.

$$k7\_funct\_5 = k17\_funcop\_1\ k1\_xboole\_0\ k1\_xboole\_0\ k1\_xboole\_0 \tag{5}$$

Theorem 1 $k1\_binop\_1\ k9\_funct\_5\ k1\_xboole\_0\ k1\_xboole\_0 = k6\_numbers$.