t49_bilinear (TMYUskHD5SZHDj4QgmMLZC99pQKqdkpApDk)

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Let $v2\_struct\_0 : \iota \Rightarrow o$ be given. Let $v13\_algstr\_0 : \iota \Rightarrow o$ be given. Let $v2\_rlvect\_1 : \iota \Rightarrow o$ be given. Let $v3\_rlvect\_1 : \iota \Rightarrow o$ be given. Let $v4\_rlvect\_1 : \iota \Rightarrow o$ be given. Let $v3\_group\_1 : \iota \Rightarrow o$ be given. Let $v4\_vectsp\_1 : \iota \Rightarrow o$ be given. Let $v5\_vectsp\_1 : \iota \Rightarrow o$ be given. Let $l6\_algstr\_0 : \iota \Rightarrow o$ be given. Let $v8\_vectsp\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v9\_vectsp\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v10\_vectsp\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v11\_vectsp\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $l1\_vectsp\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_funct\_1 : \iota \Rightarrow o$ be given. Let $v1\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $v1\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v2\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v3\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v4\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k10\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_vectsp10 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k13\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k14\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k17\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k15\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k16\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k11\_bilinear : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $l1\_struct\_0 : \iota \Rightarrow o$ be given. Let $l2\_algstr\_0 : \iota \Rightarrow o$ be given. Let $l5\_algstr\_0 : \iota \Rightarrow o$ be given. Let $l2\_struct\_0 : \iota \Rightarrow o$ be given. Let $l1\_algstr\_0 : \iota \Rightarrow o$ be given. Let $m1\_vectsp\_4 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v7\_vectsp\_1 : \iota \Rightarrow \iota \Rightarrow o$ be

given. Assume the following.

$$\forall X0.((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0)))))))))\Rightarrow(\forall X1.((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0)))))))))\Rightarrow(\forall X2.((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0)))))))))\Rightarrow(\forall X3.((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow((r1\_funct\_2\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3)))))\ (u1\_struct\_0\ X0)\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ (k16\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3)))\wedge(r1\_funct\_2\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0)\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ (k15\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3)))))))) \tag{1}$$

Assume the following.

$$\forall X0.((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\Rightarrow(\forall X1.((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0))))))))))\Rightarrow(\forall X2.((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0))))))))))\Rightarrow(\forall X3.((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow(k13\_bilinear\ X0\ X1\ X2\ X3 = k13\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3)))))) \tag{2}$$

Assume the following.

$$\forall X0.((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\Rightarrow(\forall X1.((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0))))))))))\Rightarrow(\forall X2.((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0))))))))))\Rightarrow(\forall X3.((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow(k14\_bilinear\ X0\ X1\ X2\ X3 = k14\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3))))) \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.\forall X4.\forall X5.\ ((\neg v1\_xboole\_0\ X1)\wedge((\neg v1\_xboole\_0\ X3)\wedge(((v1\_funct\_1\ X4)\wedge((v1\_funct\_2\ X4\ X0\ X1)\wedge(m1\_subset\_1\ X4\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X0\ X1)))))\wedge((v1\_funct\_1\ X5)\wedge((v1\_funct\_2\ X5\ X2\ X3)\wedge(m1\_subset\_1\ X5\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X2\ X3)))))))\Rightarrow((r1\_funct\_2\ X0\ X1\ X2\ X3\ X4\ X5)\Leftrightarrow(X4 = X5)) \tag{4}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0))))))))))\wedge(((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0))))))))))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))))\Rightarrow((v1\_funct\_1\ (k16\_bilinear\ X0\ X1\ X2\ X3))\wedge((v1\_funct\_2\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge((v2\_bilinear\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge((v3\_bilinear\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge(v4\_bilinear\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))))))) \tag{5}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0))))))))))\wedge(((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0))))))))))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow((v1\_funct\_1\ (k15\_bilinear\ X0\ X1\ X2\ X3))\wedge((v1\_funct\_2\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2)\wedge((v2\_bilinear\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2)\wedge((v3\_bilinear\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2)\wedge(v4\_bilinear\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2)))))) \tag{6}$$

Assume the following.

$$\forall X0.((\neg v2\_struct\_0\ X0)\wedge(l1\_struct\_0\ X0))\Rightarrow(\neg v1\_xboole\_0\ (u1\_struct\_0\ X0)) \tag{7}$$

Assume the following.

$$\forall X0.(l6\_algstr\_0\ X0)\Rightarrow((l2\_algstr\_0\ X0)\wedge(l5\_algstr\_0\ X0)) \tag{8}$$

Assume the following.

$$\forall X0.(l2\_algstr\_0\ X0)\Rightarrow((l2\_struct\_0\ X0)\wedge(l1\_algstr\_0\ X0)) \tag{9}$$

Assume the following.

$$\forall X0.(l1\_algstr\_0\ X0)\Rightarrow(l1\_struct\_0\ X0) \tag{10}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0)))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0)))))))))\wedge(m1\_vectsp\_4\ X2\ X0\ X1)))\Rightarrow((\neg v2\_struct\_0\ (k6\_vectsp10\ X0\ X1\ X2))\wedge((v13\_algstr\_0\ (k6\_vectsp10\ X0\ X1\ X2))\wedge((v2\_rlvect\_1\ (k6\_vectsp10\ X0\ X1\ X2))\wedge((v3\_rlvect\_1\ (k6\_vectsp10\ X0\ X1\ X2))\wedge((v4\_rlvect\_1\ (k6\_vectsp10\ X0\ X1\ X2))\wedge((v7\_vectsp\_1\ (k6\_vectsp10\ X0\ X1\ X2)\ X0)\wedge((v8\_vectsp\_1\ (k6\_vectsp10\ X0\ X1\ X2)\ X0)\wedge((v9\_vectsp\_1\ (k6\_vectsp10\ X0\ X1\ X2)\ X0)\wedge((v10\_vectsp\_1\ (k6\_vectsp10\ X0\ X1\ X2)\ X0)\wedge((v11\_vectsp\_1\ (k6\_vectsp10\ X0\ X1\ X2)\ X0)\wedge(l1\_vectsp\_1\ (k6\_vectsp10\ X0\ X1\ X2)\ X0)))))))))))) \tag{11}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0)))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0)))))))))\wedge(((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0)))))))))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))))\Rightarrow((v1\_funct\_1\ (k17\_bilinear\ X0\ X1\ X2\ X3))\wedge((v1\_funct\_2\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge((v2\_bilinear\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge((v3\_bilinear\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge((v4\_bilinear\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge(m1\_subset\_1\ (k17\_bilinear\ X0\ X1\ X2\ X3)\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0)))))))))) \tag{12}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge(l1\_vectsp\_1\ X1\ X0))\wedge(((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0))))))))))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow((v1\_funct\_1\ (k16\_bilinear\ X0\ X1\ X2\ X3))\wedge((v1\_funct\_2\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge((v3\_bilinear\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3)))\wedge(m1\_subset\_1\ (k16\_bilinear\ X0\ X1\ X2\ X3)\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))))\ (u1\_struct\_0\ X0)))))))) \tag{13}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0))))))))))\wedge(((\neg v2\_struct\_0\ X2)\wedge(l1\_vectsp\_1\ X2\ X0))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow((v1\_funct\_1\ (k15\_bilinear\ X0\ X1\ X2\ X3))\wedge((v1\_funct\_2\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v2\_bilinear\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2)\wedge((v4\_bilinear\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2)\wedge(m1\_subset\_1\ (k15\_bilinear\ X0\ X1\ X2\ X3)\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3)))\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0)))))))) \tag{14}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0)))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge(l1\_vectsp\_1\ X1\ X0))\wedge(((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0)))))))))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0)))))))))\Rightarrow((\neg v2\_struct\_0\ (k14\_bilinear\ X0\ X1\ X2\ X3))\wedge((v7\_vectsp\_1\ (k14\_bilinear\ X0\ X1\ X2\ X3)\ X0)\wedge(m1\_vectsp\_4\ (k14\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X2)))) \tag{15}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0)))))))))\wedge(((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0)))))))))\wedge(((\neg v2\_struct\_0\ X2)\wedge(l1\_vectsp\_1\ X2\ X0))\wedge((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0)))))))))\Rightarrow((\neg v2\_struct\_0\ (k13\_bilinear\ X0\ X1\ X2\ X3))\wedge((v7\_vectsp\_1\ (k13\_bilinear\ X0\ X1\ X2\ X3)\ X0)\wedge(m1\_vectsp\_4\ (k13\_bilinear\ X0\ X1\ X2\ X3)\ X0\ X1))) \tag{16}$$

Theorem 1

$$\forall X0.((\neg v2\_struct\_0\ X0)\wedge((v13\_algstr\_0\ X0)\wedge((v2\_rlvect\_1\ X0)\wedge((v3\_rlvect\_1\ X0)\wedge((v4\_rlvect\_1\ X0)\wedge((v3\_group\_1\ X0)\wedge((v4\_vectsp\_1\ X0)\wedge((v5\_vectsp\_1\ X0)\wedge(l6\_algstr\_0\ X0))))))))\Rightarrow(\forall X1.((\neg v2\_struct\_0\ X1)\wedge((v13\_algstr\_0\ X1)\wedge((v2\_rlvect\_1\ X1)\wedge((v3\_rlvect\_1\ X1)\wedge((v4\_rlvect\_1\ X1)\wedge((v8\_vectsp\_1\ X1\ X0)\wedge((v9\_vectsp\_1\ X1\ X0)\wedge((v10\_vectsp\_1\ X1\ X0)\wedge((v11\_vectsp\_1\ X1\ X0)\wedge(l1\_vectsp\_1\ X1\ X0))))))))))\Rightarrow(\forall X2.((\neg v2\_struct\_0\ X2)\wedge((v13\_algstr\_0\ X2)\wedge((v2\_rlvect\_1\ X2)\wedge((v3\_rlvect\_1\ X2)\wedge((v4\_rlvect\_1\ X2)\wedge((v8\_vectsp\_1\ X2\ X0)\wedge((v9\_vectsp\_1\ X2\ X0)\wedge((v10\_vectsp\_1\ X2\ X0)\wedge((v11\_vectsp\_1\ X2\ X0)\wedge(l1\_vectsp\_1\ X2\ X0))))))))))\Rightarrow(\forall X3.((v1\_funct\_1\ X3)\wedge((v1\_funct\_2\ X3\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))\wedge((v1\_bilinear\ X3\ X0\ X1\ X2)\wedge((v2\_bilinear\ X3\ X0\ X1\ X2)\wedge((v3\_bilinear\ X3\ X0\ X1\ X2)\wedge((v4\_bilinear\ X3\ X0\ X1\ X2)\wedge(m1\_subset\_1\ X3\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ (k2\_zfmisc\_1\ (u1\_struct\_0\ X1)\ (u1\_struct\_0\ X2))\ (u1\_struct\_0\ X0))))))))))\Rightarrow((k10\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k17\_bilinear\ X0\ X1\ X2\ X3) = k10\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3)))\ (k16\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3)))\wedge((k11\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k17\_bilinear\ X0\ X1\ X2\ X3) = k11\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3)))\ (k16\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ X2\ (k15\_bilinear\ X0\ X1\ X2\ X3)))\wedge((k10\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k17\_bilinear\ X0\ X1\ X2\ X3) = k10\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3)))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k15\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3)))\wedge(k11\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ X2\ X3))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k17\_bilinear\ X0\ X1\ X2\ X3) = k11\_bilinear\ X0\ (k6\_vectsp10\ X0\ X1\ (k13\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3)))\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k15\_bilinear\ X0\ X1\ (k6\_vectsp10\ X0\ X2\ (k14\_bilinear\ X0\ X1\ X2\ X3))\ (k16\_bilinear\ X0\ X1\ X2\ X3)))))))))$$