# [0]:(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5))\*sin(theta6) + 1.0\*((6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*cos(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*sin(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta5))\*cos(theta6) - 1.0\*(6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 1.0\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 2.29584502165847e-49\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta1)\*cos(theta3) - 2.29584502165847e-49\*sin(theta1) + 3.74939945665464e-33\*sin(theta2)\*cos(theta1))\*sin(theta6))\*cos(theta8) + 1.0\*(-3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 2.29584502165847e-49\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 3.74939945665464e-33\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) + 6.12323399573677e-17\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) - 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 6.12323399573677e-17\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5) - 1.40579962855621e-65\*sin(theta1)\*cos(theta2) - 3.74939945665464e-33\*sin(theta1)\*cos(theta3) + 1.40579962855621e-65\*sin(theta1) – 2.29584502165847e-49\*sin(theta2)\*cos(theta1))\*sin(theta8)

[1]:-(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5))\*sin(theta6) + 1.0\*((6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*cos(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*sin(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta5))\*cos(theta6) - 1.0\*(6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 1.0\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 2.29584502165847e-49\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta1)\*cos(theta3) - 2.29584502165847e-49\*sin(theta1) + 3.74939945665464e-33\*sin(theta2)\*cos(theta1))\*sin(theta6))\*sin(theta8) + 1.0\*(-3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 2.29584502165847e-49\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 3.74939945665464e-33\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) + 6.12323399573677e-17\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) - 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 6.12323399573677e-17\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5) - 1.40579962855621e-65\*sin(theta1)\*cos(theta2) - 3.74939945665464e-33\*sin(theta1)\*cos(theta3) + 1.40579962855621e-65\*sin(theta1) – 2.29584502165847e-49\*sin(theta2)\*cos(theta1))\*cos(theta8)

[2]:6.12323399573677e-17\*(-(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5))\*cos(theta6) - 1.0\*((6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*cos(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*sin(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta5))\*sin(theta6) - 1.0\*(6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 1.0\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 2.29584502165847e-49\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta1)\*cos(theta3) - 2.29584502165847e-49\*sin(theta1) + 3.74939945665464e-33\*sin(theta2)\*cos(theta1))\*cos(theta6)

[3]:theta7\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5))\*cos(theta6) - ((6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*cos(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*sin(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta5))\*sin(theta6) - 1.0\*(6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 1.0\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 2.29584502165847e-49\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta1)\*cos(theta3) - 2.29584502165847e-49\*sin(theta1) + 3.74939945665464e-33\*sin(theta2)\*cos(theta1))\*cos(theta6)) + 2.24508374453689e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 0.04951\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) - 3.03161315128927e-18\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.37471731078243e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.03161315128927e-18\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + 2.24508374453689e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 0.36665\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 0.04951\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) - 2.47990976827339e-18\*(-(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5))\*sin(theta6) + 2.41518718493845e-17\*(-(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*sin(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*cos(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta5))\*cos(theta6) - 0.39443\*((6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4)

+ 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*cos(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*sin(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta5))\*sin(theta6) - 0.0405\*((6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*sin(theta4) + ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*cos(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4))\*cos(theta5) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - ((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4))\*sin(theta5) - 1.0\*(1.0\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 3.74939945665464e-33\*sin(theta1)\*cos(theta2) + 1.0\*sin(theta1)\*cos(theta3) - 3.74939945665464e-33\*sin(theta1) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta5))\*cos(theta6) + 0.04951\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*sin(theta4) + 0.36665\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 0.0405\*(6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 1.0\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 2.29584502165847e-49\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta1)\*cos(theta3) - 2.29584502165847e-49\*sin(theta1) + 3.74939945665464e-33\*sin(theta2)\*cos(theta1))\*sin(theta6) - 0.39443\*(6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) - 3.74939945665464e-33\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) + 6.12323399573677e-17\*(-(-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*sin(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*cos(theta3) - 1.0\*sin(theta1)\*cos(theta3))\*cos(theta4) - 1.0\*((-6.12323399573677e-17\*sin(theta1)\*sin(theta2) + cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(-6.12323399573677e-17\*sin(theta1)\*cos(theta2) - sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*sin(theta1)\*sin(theta3))\*sin(theta4) + 1.0\*(6.12323399573677e-17\*sin(theta1)\*cos(theta2) - 6.12323399573677e-17\*sin(theta1) + 1.0\*sin(theta2)\*cos(theta1))\*cos(theta4) + 2.29584502165847e-49\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta1)\*cos(theta3) - 2.29584502165847e-49\*sin(theta1) + 3.74939945665464e-33\*sin(theta2)\*cos(theta1))\*cos(theta6) + 0.04951\*sin(theta1)\*sin(theta3) + 2.22457091065117e-17\*sin(theta1)\*cos(theta2) + 2.24508374453689e-17\*sin(theta1)\*cos(theta3) - 2.22457091065117e-17\*sin(theta1) + 0.3633\*sin(theta2)\*cos(theta1)

[4]:(1.0\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*sin(theta5) + ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*cos(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*sin(theta5))\*cos(theta6) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) - ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5))\*sin(theta6) - 1.0\*(-3.74939945665464e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 3.74939945665464e-33\*sin(theta1)\*sin(theta2) - 2.29584502165847e-49\*cos(theta1)\*cos(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta3) + 2.29584502165847e-49\*cos(theta1))\*sin(theta6))\*cos(theta8) + 1.0\*(2.29584502165847e-49\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - 3.74939945665464e-33\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) - 3.74939945665464e-33\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) - 6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) + 1.0\*((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 6.12323399573677e-17\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5) - 2.29584502165847e-49\*sin(theta1)\*sin(theta2) + 1.40579962855621e-65\*cos(theta1)\*cos(theta2) + 3.74939945665464e-33\*cos(theta1)\*cos(theta3) – 1.40579962855621e-65\*cos(theta1))\*sin(theta8)

[5]:-(1.0\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*sin(theta5) + ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*cos(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*sin(theta5))\*cos(theta6) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) - ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5))\*sin(theta6) - 1.0\*(-3.74939945665464e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 3.74939945665464e-33\*sin(theta1)\*sin(theta2) - 2.29584502165847e-49\*cos(theta1)\*cos(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta3) + 2.29584502165847e-49\*cos(theta1))\*sin(theta6))\*sin(theta8) + 1.0\*(2.29584502165847e-49\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - 3.74939945665464e-33\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) - 3.74939945665464e-33\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) - 6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) + 1.0\*((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 6.12323399573677e-17\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5) - 2.29584502165847e-49\*sin(theta1)\*sin(theta2) + 1.40579962855621e-65\*cos(theta1)\*cos(theta2) + 3.74939945665464e-33\*cos(theta1)\*cos(theta3) – 1.40579962855621e-65\*cos(theta1))\*cos(theta8)

[6]:-1.0\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*sin(theta5) + ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*cos(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*sin(theta5))\*sin(theta6) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) - ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5))\*cos(theta6) - 1.0\*(-3.74939945665464e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 3.74939945665464e-33\*sin(theta1)\*sin(theta2) - 2.29584502165847e-49\*cos(theta1)\*cos(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta3) + 2.29584502165847e-49\*cos(theta1))\*cos(theta6)

[7]:theta7\*(-(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*sin(theta5) + ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*cos(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*sin(theta5))\*sin(theta6) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) - ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5))\*cos(theta6) - 1.0\*(-3.74939945665464e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 3.74939945665464e-33\*sin(theta1)\*sin(theta2) - 2.29584502165847e-49\*cos(theta1)\*cos(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta3) + 2.29584502165847e-49\*cos(theta1))\*cos(theta6)) - 3.03161315128927e-18\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) - 1.37471731078243e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 2.24508374453689e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 0.04951\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) - 0.36665\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 0.04951\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 3.03161315128927e-18\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 2.24508374453689e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) - 0.39443\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*sin(theta5) + ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*cos(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*sin(theta5))\*sin(theta6) - 0.0405\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*sin(theta5) + ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*cos(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*sin(theta5))\*cos(theta6) - 2.47990976827339e-18\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2)

+ 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) - ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5))\*sin(theta6) + 2.41518718493845e-17\*(6.12323399573677e-17\*(-(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4))\*cos(theta5) - ((6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*cos(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*sin(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4))\*sin(theta5) - 1.0\*(-6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 1.0\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 6.12323399573677e-17\*sin(theta1)\*sin(theta2) - 3.74939945665464e-33\*cos(theta1)\*cos(theta2) - 1.0\*cos(theta1)\*cos(theta3) + 3.74939945665464e-33\*cos(theta1))\*cos(theta5))\*cos(theta6) + 0.04951\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*sin(theta4) + 0.36665\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 0.0405\*(-3.74939945665464e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 3.74939945665464e-33\*sin(theta1)\*sin(theta2) - 2.29584502165847e-49\*cos(theta1)\*cos(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta3) + 2.29584502165847e-49\*cos(theta1))\*sin(theta6) - 0.39443\*(-3.74939945665464e-33\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) + 6.12323399573677e-17\*(1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) - 1.0\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*sin(theta3) + (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*cos(theta3) + 1.0\*sin(theta3)\*cos(theta1))\*sin(theta4) + 6.12323399573677e-17\*(6.12323399573677e-17\*(-1.0\*sin(theta1)\*sin(theta2) + 6.12323399573677e-17\*cos(theta1)\*cos(theta2))\*cos(theta3) - (1.0\*sin(theta1)\*cos(theta2) + 6.12323399573677e-17\*sin(theta2)\*cos(theta1))\*sin(theta3) + 1.0\*cos(theta1)\*cos(theta3))\*cos(theta4) + 1.0\*(1.0\*sin(theta1)\*sin(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta2) + 6.12323399573677e-17\*cos(theta1))\*cos(theta4) + 3.74939945665464e-33\*sin(theta1)\*sin(theta2) - 2.29584502165847e-49\*cos(theta1)\*cos(theta2) - 6.12323399573677e-17\*cos(theta1)\*cos(theta3) + 2.29584502165847e-49\*cos(theta1))\*cos(theta6) + 0.3633\*sin(theta1)\*sin(theta2) - 0.04951\*sin(theta3)\*cos(theta1) - 2.22457091065117e-17\*cos(theta1)\*cos(theta2) - 2.24508374453689e-17\*cos(theta1)\*cos(theta3) + 2.22457091065117e-17\*cos(theta1)

[8]:(6.12323399573677e-17\*(-(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5))\*sin(theta6) + 1.0\*((1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*cos(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*sin(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*sin(theta5))\*cos(theta6) - 1.0\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 1.0\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) - 6.12323399573677e-17\*sin(theta2)\*sin(theta3) + 3.74939945665464e-33\*cos(theta2)\*cos(theta3) + 3.74939945665464e-33\*cos(theta2) - 3.74939945665464e-33\*cos(theta3) + 1.40579962855621e-65)\*sin(theta6))\*cos(theta8) + 1.0\*(-6.12323399573677e-17\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 1.0\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) - 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 3.74939945665464e-33\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) + 6.12323399573677e-17\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) + 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5) + 3.74939945665464e-33\*sin(theta2)\*sin(theta3) - 2.29584502165847e-49\*cos(theta2)\*cos(theta3) - 2.29584502165847e-49\*cos(theta2) + 2.29584502165847e-49\*cos(theta3) – 8.60804007676953e-82)\*sin(theta8)

[9]:-(6.12323399573677e-17\*(-(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5))\*sin(theta6) + 1.0\*((1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*cos(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*sin(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*sin(theta5))\*cos(theta6) - 1.0\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 1.0\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) - 6.12323399573677e-17\*sin(theta2)\*sin(theta3) + 3.74939945665464e-33\*cos(theta2)\*cos(theta3) + 3.74939945665464e-33\*cos(theta2) - 3.74939945665464e-33\*cos(theta3) + 1.40579962855621e-65)\*sin(theta6))\*sin(theta8) + 1.0\*(-6.12323399573677e-17\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 1.0\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) - 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 3.74939945665464e-33\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) + 6.12323399573677e-17\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) + 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5) + 3.74939945665464e-33\*sin(theta2)\*sin(theta3) - 2.29584502165847e-49\*cos(theta2)\*cos(theta3) - 2.29584502165847e-49\*cos(theta2) + 2.29584502165847e-49\*cos(theta3) – 8.60804007676953e-82)\*cos(theta8)

[10]:6.12323399573677e-17\*(-(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5))\*cos(theta6) - 1.0\*((1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*cos(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*sin(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*sin(theta5))\*sin(theta6) - 1.0\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 1.0\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) - 6.12323399573677e-17\*sin(theta2)\*sin(theta3) + 3.74939945665464e-33\*cos(theta2)\*cos(theta3) + 3.74939945665464e-33\*cos(theta2) - 3.74939945665464e-33\*cos(theta3) + 1.40579962855621e-65)\*cos(theta6)

[11]:theta7\*(6.12323399573677e-17\*(-(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5))\*cos(theta6) - ((1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*cos(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*sin(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*sin(theta5))\*sin(theta6) - 1.0\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 1.0\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) - 6.12323399573677e-17\*sin(theta2)\*sin(theta3) + 3.74939945665464e-33\*cos(theta2)\*cos(theta3) + 3.74939945665464e-33\*cos(theta2) - 3.74939945665464e-33\*cos(theta3) + 1.40579962855621e-65)\*cos(theta6)) + 0.04951\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 0.36665\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) - 2.47990976827339e-18\*(-(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5))\*sin(theta6) + 2.41518718493845e-17\*(-(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*sin(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*cos(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*cos(theta5))\*cos(theta6) - 0.39443\*((1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*cos(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*sin(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*sin(theta5))\*sin(theta6) - 0.0405\*((1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*sin(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4))\*cos(theta5) + 6.12323399573677e-17\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - (-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4))\*sin(theta5) - 1.0\*(-1.0\*sin(theta2)\*sin(theta3) + 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta2) - 6.12323399573677e-17\*cos(theta3) + 2.29584502165847e-49)\*sin(theta5))\*cos(theta6) + 3.03161315128927e-18\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*sin(theta4) + 2.24508374453689e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 0.36665\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) + 0.04951\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*cos(theta4) + 0.0405\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 1.0\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) - 6.12323399573677e-17\*sin(theta2)\*sin(theta3) + 3.74939945665464e-33\*cos(theta2)\*cos(theta3) + 3.74939945665464e-33\*cos(theta2) - 3.74939945665464e-33\*cos(theta3) + 1.40579962855621e-65)\*sin(theta6) - 0.39443\*(1.0\*(1.0\*cos(theta2) + 3.74939945665464e-33)\*cos(theta4) + 6.12323399573677e-17\*(1.0\*sin(theta2)\*sin(theta3) - 6.12323399573677e-17\*cos(theta2)\*cos(theta3) + 6.12323399573677e-17\*cos(theta3))\*cos(theta4) - 1.0\*(-1.0\*sin(theta2)\*cos(theta3) - 6.12323399573677e-17\*sin(theta3)\*cos(theta2) + 6.12323399573677e-17\*sin(theta3))\*sin(theta4) - 6.12323399573677e-17\*sin(theta2)\*sin(theta3) + 3.74939945665464e-33\*cos(theta2)\*cos(theta3) + 3.74939945665464e-33\*cos(theta2) - 3.74939945665464e-33\*cos(theta3) + 1.40579962855621e-65)\*cos(theta6) - 2.24508374453689e-17\*sin(theta2)\*sin(theta3) + 0.04951\*sin(theta2)\*cos(theta3) + 3.03161315128927e-18\*sin(theta3)\*cos(theta2) - 3.03161315128927e-18\*sin(theta3) + 1.37471731078243e-33\*cos(theta2)\*cos(theta3) + 0.3633\*cos(theta2) - 1.37471731078243e-33\*cos(theta3) + 0.27985