```
+(2740951021*\cos(q4)*\cos(q6))/7812500000+(4734679849*\sin(q3)*\sin(q4))/2500000000000-(36647684119*\cos(q4))
618384777*\cos(q6)^2)/62500000000 - (21105437293*\cos(q2)^2*\cos(q4))/31250000000 - (32755927981*\cos(q3)^2)
00 - (2740951021*\cos(q2)^2\cos(q4)*\cos(q6))/7812500000 + (10421867*\cos(q2)^2\sin(q5)*\sin(q6))/976562500 + (10421867*\cos(q2)^2\sin(q5)^2\sin(q5))/976562500 + (10421867*\cos(q2)^2\sin(q5)^2\sin(q5)^2\sin(q5))/976562500 + (10421867*\cos(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin(q5)^2\sin
   384777*\cos(q3)^2*\cos(q4)^2*\cos(q5)^2)/62500000000 + (7618384777*\cos(q2)^2*\cos(q5)^2*\cos(q6)^2)/3125000
0000 + (7618384777*\cos(q_3)^2 + \cos(q_4)^2 + \cos(q_6)^2)/62500000000 + (7618384777*\cos(q_3)^2 + \cos(q_5)^2 + \cos(q_6)^2)/62500000000 + (7618384777*\cos(q_3)^2 + \cos(q_5)^2 + \cos(q_6)^2)/625000000000 + (7618384777*\cos(q_3)^2 + \cos(q_5)^2 + \cos(q_6)^2)/625000000000 + (7618384777*\cos(q_3)^2 + \cos(q_5)^2 + \cos(q_6)^2)/6250000000000 + (7618384777*\cos(q_5)^2 + \cos(q_5)^2 + \cos(q_6)^2)/625000000000000 + (7618384777*\cos(q_5)^2 + \cos(q_5)^2 + \cos(q_6)^2)/62500000000000000 + (7618384777*\cos(q_5)^2 + \cos(q_5)^2 +
^2)/62500000000 - (8538821*\cos(q2)*\sin(q2)*\sin(q3))/244140625 + (80248811*\cos(q3)*\sin(q3)*\sin(q4))/3906250
(2740951021*\cos(q5)*\sin(q4)*\sin(q6))/7812500000 + (7618384777*\cos(q2)^2*\cos(q3)^2*\cos(q4)^2*\cos(q5)^2)/6
n(q3)*\sin(q4))/3906250000 + (2740951021*\cos(q2)^2*\cos(q5)*\sin(q4)*\sin(q6))/7812500000 - (10421867*\cos(q2)^2)
)/3906250000 + (10421867*\cos(q3)*\cos(q6)*\sin(q3)*\sin(q4))/976562500 + (614890153*\cos(q4)*\cos(q5)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q3)*\cos(q6)*\sin(q6)*\cos(q6)*\sin(q6)*\cos(q6)*\sin(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q6)*o(q
\sin(q6))/62500000000 - (10421867*\cos(q2)^2\cos(q3)*\cos(q6)*\sin(q3)*\sin(q4))/976562500 + (32755927981*\cos(q6)*\sin(q6))/976562500 + (32755927981*\cos(q6)*\sin(q6))/976562500 + (32755927981*\cos(q6)*\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)/\sin(q6)
q2)^2*cos(q4)*cos(q5)*sin(q4)*sin(q6))/125000000000 - <math>(32755927981*cos(q3)^2*cos(q4)*cos(q5)*sin(q4)*sin(q4)*sin(q5)
851293*\cos(q2)*\cos(q3)*\cos(q4)*\sin(q2)*\sin(q4))/5000000000000+(2740951021*\cos(q2)*\cos(q3)*\cos(q6)*\sin(q2)
(9)^*\cos(9)^*\sin(9)^*\sin(9)/125000000000 + (7618384777^*\cos(9)^*\cos(9)^*\sin(9)^*\sin(9)/312
50000000 + (10421867*\cos(q_3)*\cos(q_4)*\cos(q_5)*\sin(q_3)*\sin(q_6))/976562500 - (2740951021*\cos(q_2)*\sin(q_2)*\sin(q_5)
755927981*\cos(q^2)^2*\cos(q^3)^2*\cos(q^4)^*\cos(q^5)^*\sin(q^4)^*\sin(q^6)^2
q_3)*cos(q_4)*cos(q_6)*sin(q_2)*sin(q_4))/62500000000 + (2740951021*cos(q_2)*cos(q_3)*cos(q_4)*cos(q_5)*sin(q_2)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)
 (q6))/7812500000 - (7618384777*\cos(q2)*\cos(q3)*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q6))/31250000000 + (7618384777*\cos(q6))^{2} + (7618384777
\cos(q^2)\cos(q^5)\sin(q^2)\sin(q^3)\sin(q^4)\sin(q^5)
618384777*\cos(q_3)*\cos(q_6)*\sin(q_3)*\sin(q_4)*\sin(q_5)*\sin(q_6)/31250000000 - (7618384777*\cos(q_2)*\cos(q_3)*\cos(q_6)
q4)*cos(q5)^2*sin(q2)*sin(q4))/31250000000 + (7618384777*cos(q2)*cos(q3)*cos(q4)*cos(q6)^2*sin(q2)*sin(q4)
7*\cos(q_2)^2\cos(q_3)^*\cos(q_4)^*\cos(q_5)^*\sin(q_3)^*\sin(q_5)/31250000000 - (10421867*\cos(q_2)^2\cos(q_3)^*\cos(q_4)^*\cos(q_5)^*\sin(q_5)/31250000000 - (10421867*\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_5)^2\cos(q_
(q5)*\sin(q3)*\sin(q6))/976562500 - (7618384777*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q6)^2*\sin(q3)*\sin(q5))/312500000
00 + (7618384777*\cos(q_2)^2 \cos(q_4)^*\cos(q_5)^*\cos(q_6)^*\sin(q_4)^*\sin(q_6))/31250000000 - (7618384777*\cos(q_3)^2 \cos(q_6)^*\sin(q_6))/31250000000 - (7618384777*\cos(q_6)^2 \cos(q_6)^2 \cos(
os(q4)*cos(q5)*cos(q6)*sin(q4)*sin(q6))/31250000000 - (32755927981*cos(q2)^2*cos(q3)*sin(q3)*sin(q4)*sin(q5)
\frac{(q6)}{125000000000} + \frac{(7618384777*\cos(q2)*\cos(q3)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q2)*\sin(q4))}{312500}
00000 + (7618384777*\cos(q_2)^2 \cos(q_3)^*\cos(q_4)^*\cos(q_5)^*\cos(q_6)^2 \sin(q_3)^*\sin(q_5)/31250000000 + (7618384778\cos(q_5)^2 \cos(q_6)^2 \cos(q_6)^2 \sin(q_5)^2 \sin(q_5)/31250000000 + (761838478\cos(q_6)^2 \cos(q_6)^2 \cos(q
77*\cos(q2)^2\cos(q3)^2\cos(q4)*\cos(q5)*\cos(q6)*\sin(q4)*\sin(q6))/31250000000 - (7618384777*\cos(q2)*\cos(q4))\cos(q4) + (7618384777*\cos(q4))\cos(q4) + (7618384777*\cos(q4)) + (7618384775*\cos(q4)) + (7618384775*\cos(q4)) + (7618384775*\cos(q4)) + (7618384775*\cos(q4)) + (76183847775*\cos(q4)) + (
 \cos(q6) \sin(q2) \sin(q3) \sin(q5) \sin(q6) / 31250000000 + (7618384777 \cos(q2) \cos(q3) \cos(q4) \cos(q5) 
q6)*sin(q2)*sin(q6))/15625000000 - (7618384777*cos(q2)*cos(q5)*cos(q6)^2*sin(q2)*sin(q3)*sin(q4)*sin(q5))/31
250000000 - (7618384777*\cos(q^2)^2*\cos(q^3)*\cos(q^6)*\sin(q^3)*\sin(q^4)*\sin(q^5)*\sin(q^6)/31250000000 + 18934451
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(q4))/7812500000 - (133244479*\cos(q2))/6250000000 - (80248811*\cos(q2)*\cos(q3)*\cos(q4))/7812500000 - (61488811*\cos(q3)*\cos(q3))/(625000000) - (61488811*\cos(q3))/(625000000) - (60688811*\cos(q3))/(625000000) - (606888811*\cos(q3))/(625000000) - (606888811*\cos(q3))/(6250000000) - (606888811*\cos(q3))/(625000000) - (606888811*\cos(q3))/(625000000) - (606888811*\cos(q3))/(62500000) - (606888811*\cos(q3))/(625000000) - (6068888811*\cos(q3))/(625000000) - (6068888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (606888880) - (60688880) - (606888880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (60688880) - (6068880) - (6068880) - (6068880) - (6068880) - (6068880)
 90153*\cos(q2)*\cos(q4)*\cos(q6))/125000000000 + (114870848333*\cos(q3)*\sin(q2)*\sin(q3))/1000000000000 - (218333)
  0 + (7618384777*\cos(q_3)*\cos(q_5)^2*\sin(q_2)*\sin(q_3))/62500000000 + (7618384777*\cos(q_3)*\cos(q_6)^2*\sin(q_2)*\sin(q_3))/62500000000 + (7618384777*\cos(q_3)*\cos(q_6)^2*\sin(q_6)
n(q3)/31250000000 + (10421867*\cos(q3)^2*\cos(q6)*\sin(q2)*\sin(q4))/976562500 - (10421867*\cos(q2)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)
os(q4)*cos(q6))/1953125000 - (237258851293*cos(q2)*cos(q4)*sin(q3)*sin(q4))/10000000000000 + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) + (32755927981) +
   \cos(q_3)\cos(q_6)\sin(q_2)\sin(q_3)/125000000000 - (2740951021\cos(q_2)\cos(q_6)\sin(q_3)\sin(q_4)/15625000000
+(614890153*\cos(q3)*\cos(q6)*\sin(q2)*\sin(q4))/125000000000 - (2740951021*\cos(q2)*\cos(q3)*\sin(q5)*\sin(q6))/(2740951021*\cos(q3)*\cos(q3)*\cos(q3)*\sin(q5)*\sin(q6))/(2740951021*\cos(q3)*\cos(q3)*\cos(q3)*\sin(q5)*\sin(q6))/(2740951021*\cos(q3)*\cos(q3)*\sin(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q6))/(2740951021*\cos(q5)*\sin(q6))/(2740951021*\cos(q5)*\cos(q6)*\sin(q6))/(2740951021*\cos(q5)*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*\cos(q6))/(2740951021*
  \cos(q5) \sin(q2) \sin(q6) / 1953125000 - (614890153 \sin(q2) \sin(q3) \sin(q5) \sin(q5) / 1250000000000 - (32755927) \cos(q5) \sin(q5) \sin(q5) / 1250000000000 - (32755927) \cos(q5) \sin(q5) \sin(q5) \cos(q5) \cos(q5
62500000000 - (32755927981*\cos(q_3)*\cos(q_4)^2*\cos(q_6)*\sin(q_2)*\sin(q_3))/125000000000 - (7618384777*\cos(q_2))
 \cos(q4)\cos(q6)^2\sin(q3)\sin(q4)/62500000000 + (7618384777\cos(q3)^2\cos(q4)\cos(q5)\sin(q2)\sin(q5))/3
  1250000000 - (32755927981*\cos(q2)*\cos(q4)^2*\cos(q5)*\sin(q3)*\sin(q6))/125000000000 + (10421867*\cos(q3)^2)
  \cos(q4)\cos(q5)\sin(q2)\sin(q6)\frac{1}{976562500} + \frac{7618384777\cos(q4)\cos(q5)\cos(q6)^2\sin(q2)\sin(q5)}{62500}
 000000 + (32755927981*\cos(q_3)^2*\sin(q_2)*\sin(q_3)*\sin(q_5)*\sin(q_6)/125000000000 + (7618384777*\cos(q_3)^2\cos(q_3)^2\sin(q_5)^2\sin(q_5)^2\sin(q_5)
500000000 - (7618384777*\cos(q_3)*\cos(q_5)^2*\cos(q_6)^2*\sin(q_2)*\sin(q_3))/62500000000 + (7618384777*\cos(q_2)*\cos(q_5)^2*\cos(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q_6)^2*\sin(q
000000 - (32755927981*\cos(q2)*\cos(q3)*\cos(q4)*\sin(q5)*\sin(q6))/250000000000 + (10421867*\cos(q2)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3)*\(q3
 \cos(q5)*\sin(q4)*\sin(q6))/1953125000 - (2740951021*\cos(q2)*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q6))/15625000000 + (693)^{2}\cos(q5)*\sin(q6)
  q_3*sin(q_5)/62500000000 - (10421867*cos(q_3)*sin(q_2)*sin(q_3)*sin(q_5)*sin(q_5)*sin(q_5)/976562500 - (7618384777*cos(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*sin(q_5)*
 6)*\sin(q2)*\sin(q4)*\sin(q5)*\sin(q6))/62500000000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q3)*\sin(q5)^2*\sin(q6))/(2618384777*\cos(q6))^2*\cos(q6)^2*\sin(q6))/(2618384777*\cos(q6))^2*\sin(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*\cos(q6))/(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(2618384777*(
 in(q4)/62500000000 - (7618384777*cos(q3)^2*cos(q4)*cos(q5)*cos(q6)^2*sin(q2)*sin(q5))/31250000000 - (7618384777*cos(q3)^2*cos(q4)*cos(q5)*cos(q6)^2*sin(q2)*sin(q5))/312500000000 - (7618384777*cos(q3)^2*cos(q4)*cos(q5)*cos(q6)^2*sin(q5)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*cos(q6)*
 384777*\cos(q2)*\cos(q3)*\cos(q4)*\cos(q6)*\sin(q5)*\sin(q6))/62500000000 - (7618384777*\cos(q3)*\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos(q4)^2\cos
 5)^2*\cos(q6)^2*\sin(q2)*\sin(q3))/62500000000 - (7618384777*\cos(q2)*\cos(q3)*\cos(q5)*\cos(q6)^2*\sin(q4)*\sin(q5)
 ))/62500000000 - (7618384777*\cos(q^2)\cos(q^4)^2\cos(q^5)\cos(q^6)\sin(q^3)\sin(q^6))/31250000000 + (7618384777)\sin(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6)\cos(q^6
  \cos(q_3)^2\cos(q_6)\sin(q_2)\sin(q_4)\sin(q_5)\sin(q_6)/31250000000 + (32755927981\cos(q_3)\cos(q_4)\cos(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5
(q2)*\sin(q3)*\sin(q4)*\sin(q6))/1250000000000 + (7618384777*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*\sin(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in(q3)*in
n(q4)*\sin(q6))/31250000000,(359646854253*\cos(q2))/1000000000000000 + (1915553*\cos(q2)*\cos(q3))/3906250000
+(32755927981*\cos(q2)*\cos(q6))/1250000000000 - (8538821*\sin(q2)*\sin(q3))/488281250 - (237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851293*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(237258851285*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(2372585*\cos(q3))/(237255*\cos(q3))/(237255*\cos(q3))/(237255*\cos(q3))/(237255*\cos(q3))/(237255*\cos(q3))/(237255*\cos(q3))/(23725*\cos(q3))/(23725*\cos(q3
q4)*sin(q2)*sin(q3))/7812500000 + (10421867*cos(q2)*sin(q5)*sin(q6))/976562500 - (7618384777*cos(q2)*cos(q3)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*sin(q6)*
 614890153*\cos(q2)*\cos(q6)*\sin(q3)*\sin(q4))/125000000000 + (2740951021*\cos(q3)*\cos(q6)*\sin(q2)*\sin(q4))/15
 625000000 - (10421867*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q3))/1953125000 + (614890153*\cos(q2)*\cos(q3)*\sin(q5)*\sin(q5)
n(q3)*\sin(q5)*\sin(q6))/15625000000 - (7618384777*\cos(q3)*\cos(q4)*\cos(q5)^2*\sin(q2)*\sin(q4))/62500000000 + (7618384777*\cos(q3)*\cos(q4)*\cos(q5)^2*\sin(q5)^2*\sin(q5)
 7618384777*\cos(q_3)*\cos(q_4)*\cos(q_6)^2*\sin(q_2)*\sin(q_4)/62500000000 + (32755927981*\cos(q_3)*\cos(q_4)^2*\cos(q_6)^2
q5)*sin(q2)*sin(q6))/125000000000 + (32755927981*cos(q3)*cos(q4)*cos(q6)*sin(q2)*sin(q4))/1250000000000 + (
614890153*\cos(q2)*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q6))/125000000000 + (2740951021*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q5))
n(q2)*\sin(q6))/15625000000 + (32755927981*\cos(q2)*\cos(q4)*\cos(q5)*\sin(q4)*\sin(q6))/1250000000000 - (761838)
4777*\cos(q3)*\cos(q5)*\sin(q2)*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\sin(q4)*\(\text{1.5}\)
n(q5)/62500000000 - (32755927981*\cos(q4)*\sin(q2)*\sin(q3)*\sin(q5)*\sin(q6))/250000000000 + (10421867*\cos(q4)*\sin(q6))/\cos(q6)) + (10421867*\cos(q6))/\cos(q6) + (1042186
5)*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q6))/1953125000 + (7618384777*\cos(q3)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q2)*\sin(q3)^2*\sin(q6))/(1953125000 + (7618384777*\cos(q3)^2)\cos(q4)^2)
n(q4)/62500000000 + (7618384777*\cos(q2)*\cos(q4)*\cos(q5)*\cos(q6)*\sin(q4)*\sin(q6))/31250000000 - (7618384778\cos(q6))^{2} + (7618384777*\cos(q6))^{2} + (7618384777*
 77*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q3)*\sin(q5)*\sin(q6))/62500000000 + (7618384777*\cos(q3)*\cos(q4)^2\cos(q5)*\cos(q5)
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s(q6)*\sin(q2)*\sin(q6)/31250000000 - (7618384777*\cos(q5)*\cos(q6)^2*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q5)/6250000
*\sin(q2)*\sin(q4))/5000000000000 + (7618384777*\cos(q5)^2*\sin(q2)*\sin(q3))/62500000000 + (7618384777*\cos(q6)^2)
\cos(q4)*\cos(q6))/1953125000 + (80248811*\cos(q3)*\sin(q2)*\sin(q4))/7812500000 + (21105437293*\cos(q4)*\sin(q2))/7812500000 + (21105437293*\cos(q4))
\sin(q4))/125000000000 - (7618384777*\cos(q5)^2 + \cos(q6)^2 + \sin(q2) + \sin(q3))/62500000000 - (614890153*\cos(q2) + \cos(q6)^2 + \sin(q6) + \cos(q6) + \cos(q6
021*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q3))/15625000000 + (7618384777*\cos(q2)*\cos(q5)*\sin(q4)*\sin(q5))/625000000
)/1953125000 + (614890153*\cos(q4)*\cos(q5)*\sin(q2)*\sin(q6))/125000000000 - (7618384777*\cos(q2)*\cos(q5)*\cos(q5)*\cos(q5)
s(q6)^2*sin(q4)*sin(q5)/62500000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q2)*sin(q5))/62500000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q5))/625000000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q5))/62500000000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q5))/6250000000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q5))/6250000000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q5))/6250000000000 + (7618384777*cos(q3)*cos(q4)*cos(q5)*sin(q5))/6250000000000 + (7618384777*cos(q5)*cos(q5)*sin(q5))/62500000000000 + (7618384777*cos(q5)*cos(q5)*cos(q5)*sin(q5))/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)*sin(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/cos(q5)/co
(614890153*\cos(q2)*\cos(q3)*\cos(q5)*\sin(q4)*\sin(q6))/125000000000 + (10421867*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q5)*\sin(q5)
q2)*sin(q6))/1953125000 - (7618384777*cos(q2)*cos(q4)*cos(q6)*sin(q5)*sin(q6))/62500000000 + (32755927981)
 \cos(q_3)\sin(q_2)\sin(q_4)\sin(q_5)\sin(q_5)\sin(q_6) \cos(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)\sin(q_5)
618384777*\cos(q2)*\cos(q4)*\cos(q6)^2)/62500000000 - (7618384777*\cos(q3)*\sin(q2)*\sin(q4))/62500000000 + (7618384777*\cos(q3)*\sin(q4))/\cos(q4))/\cos(q4)
618384777*\cos(q3)*\cos(q6)^2*\sin(q2)*\sin(q4))/62500000000 + (614890153*\cos(q2)*\cos(q5)*\sin(q3)*\sin(q6))/12
*\sin(q3)*\sin(q5)*\sin(q6))/2500000000000 - (614890153*\sin(q2)*\sin(q4)*\sin(q5)*\sin(q6))/125000000000 + (614890153*\sin(q6))\sin(q6))
 \sin(q6))/250000000000 + (7618384777*\cos(q2)*\cos(q5)*\cos(q6)*\sin(q4)*\sin(q6))/62500000000 - (10421867*\cos(q6)*\sin(q6))/625000000000 - (10421867*\cos(q6)*\sin(q6))/625000000000 - (10421867*\cos(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q
q3)*sin(q2)*sin(q4)*sin(q5)*sin(q6))/1953125000 - (2740951021*cos(q4)*sin(q2)*sin(q3)*sin(q5)*sin(q6))/15625
000000 - (7618384777*\cos(q6)*\sin(q2)*\sin(q3)*\sin(q5)*\sin(q6))/62500000000 + (7618384777*\cos(q3)*\cos(q4)*\cos(q4)
7*\cos(q2)*\sin(q4)*\sin(q5))/62500000000 + (10421867*\cos(q2)*\sin(q4)*\sin(q6))/1953125000 + (614890153*\cos(q6))
4)*\sin(q2)*\sin(q6))/125000000000 - (10421867*\cos(q2)*\cos(q4)*\cos(q5)*\cos(q6))/1953125000 + (7618384777*\cos(q6))/(10421867*\cos(q6))) + (10421867*\cos(q6))/(10421867*\cos(q6))) + (10421867*\cos(q6))/(10421867*\cos(q6))) + (10421867*\cos(q6))/(10421867*\cos(q6))) + (10421867*\cos(q6))/(10421867*\cos(q6))) + (10421867*\cos(q6)) + (10421867*\cos(q6)) + (10421867*\cos(q6))) + (10421867*\cos(q6)) + (10421867*\cos(q6)) + (10421867*\cos(q6))) + (10421867*\cos(q6)) + (10421867
0421867*\cos(q3)*\cos(q4)*\sin(q2)*\sin(q6))/1953125000 + (614890153*\cos(q2)*\cos(q6)*\sin(q3)*\sin(q5))/1250000
00000 + (2740951021*\cos(q3)*\cos(q6)*\sin(q2)*\sin(q5))/15625000000 + (32755927981*\cos(q5)*\cos(q6)*\sin(q2)*\cos(q6)*\sin(q6)
\sin(q3))/250000000000 + (32755927981*\cos(q2)*\cos(q6)*\sin(q4)*\sin(q5))/250000000000 + (614890153*\cos(q5)*\sin(q5))
\cos(q6)*\sin(q2)*\sin(q4))/125000000000 - (2740951021*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q6))/15625000000 - (6148901)
53*\cos(q2)*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q6)/125000000000 + (32755927981*\cos(q3)*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q3)*\cos(q6)
in(q5)/250000000000 + (10421867*cos(q3)*cos(q5)*cos(q6)*sin(q2)*sin(q4))/1953125000 + (2740951021*cos(q5)*cos(q6)*sin(q6))/(2740951021*cos(q6))
4)*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q3))/15625000000,0;
(80248811*\cos(q_3)^2*\sin(q_2)*\sin(q_4))/3906250000 - (8538821*\cos(q_2)*\cos(q_3))/488281250 - (4734679849*\cos(q_3)^2)
2)*cos(q4))/5000000000000 - (1915553*sin(q2)*sin(q3))/<math>3906250000 - (80248811*sin(q2)*sin(q4))/7812500000 - (80248811*sin(q4))/7812500000 - (80248811*sin(q4))/781250000 - (80248811*sin(q4))/7812500000 - (80248811*sin(q4))/78125000000000 - (80248811*sin(q4))/78125000000 - (80248811*sin(q4))/7812
 in(q3)*sin(q4))/62500000000 + (4734679849*cos(q3)*sin(q2)*sin(q4))/500000000000 - (10421867*cos(q6)*sin(q2)*sin(q3)*sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q3)*sin(q4))/sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(
q3)*\cos(q5)^2*\sin(q2)*\sin(q3))/62500000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q2)*\sin(q3))/312500000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/312500000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/3125000000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/3125000000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/3125000000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/3125000000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/3125000000000000 + (7618384777*\cos(q3)*\cos(q6)^2*\sin(q3))/31250000000000 + (7618384777*\cos(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\sin(q6)^2*\cos(q6)^2*\sin(q6)^2*\sin(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos(q6)^2*\cos
  (10421867*\cos(q_3)^2*\cos(q_6)*\sin(q_2)*\sin(q_4))/976562500 - (10421867*\cos(q_2)^2\cos(q_3)^2\cos(q_4)^2\cos(q_6))/19531
q2)*sin(q3))/125000000000 - (2740951021*cos(q2)*cos(q6)*sin(q3)*sin(q4))/15625000000 + (614890153*cos(q3)*
 *\cos(q6)*\sin(q2)*\sin(q4))/125000000000 - (2740951021*\cos(q2)*\cos(q3)*\sin(q5)*\sin(q6))/15625000000 + (32755)\cos(q6)*\sin(q6)
927981*\cos(q2)*\cos(q5)*\sin(q3)*\sin(q6))/2500000000000 - (7618384777*\cos(q4)*\cos(q5)*\sin(q2)*\sin(q5))/625000
00000 + (614890153*\cos(q2)*\cos(q5)*\sin(q4)*\sin(q6))/125000000000 - (10421867*\cos(q4)*\cos(q5)*\sin(q2)*\sin(q5))/(q5)
n(q5)*\sin(q6))/250000000000 + (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\sin(q3)*\sin(q4))/62500000000 - (32755)\cos(q5)^2*\sin(q5)^2 + (32755)\cos(q5)^2 + (3275)\cos(q5)^2 + (
n(q3)*\sin(q4))/62500000000 + (7618384777*\cos(q3)^2*\cos(q4)*\cos(q5)*\sin(q2)*\sin(q5))/31250000000 - (327559)^2*\cos(q4)^2*\cos(q4)^2*\cos(q5)^2*\sin(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\sin(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q
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27981*\cos(q2)*\cos(q4)^2*\cos(q5)*\sin(q3)*\sin(q6)/125000000000 + (10421867*\cos(q3)^2*\cos(q4)*\cos(q5)*\sin(q5)
2)*\sin(q6))/976562500 + (7618384777*\cos(q4)*\cos(q5)*\cos(q6)^2*\sin(q2)*\sin(q5))/62500000000 + (3275592798)\cos(q6)^2*\sin(q6)
1*\cos(q_3)^2*\sin(q_2)*\sin(q_3)*\sin(q_5)*\sin(q_5)
\frac{(7618384777*\cos(q_3)*\cos(q_4)^2*\cos(q_6)^2*\sin(q_2)*\sin(q_3))}{(625000000000 - (7618384777*\cos(q_3)*\cos(q_4)^2*\cos(q_6)^2*\sin(q_2)*\sin(q_3))}
77*\cos(q3)*\cos(q5)^2*\cos(q6)^2*\sin(q2)*\sin(q3))/62500000000 + (7618384777*\cos(q2)*\cos(q3)*\cos(q5)*\sin(q4))/\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q
 \cos(q^2)\cos(q^3)\cos(q^4)\sin(q^5)\sin(q^6)
/1953125000 - (2740951021*\cos(q_2)*\cos(q_4)*\cos(q_5)*\sin(q_3)*\sin(q_6))/15625000000 + (614890153*\cos(q_3)*\cos(q_6))
(q5)*\sin(q6))/62500000000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q3)*\sin(q4))/62500000000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q3)*\sin(q4))/62500000000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q3)*\sin(q4))/62500000000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q3)*\sin(q4))/625000000000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q3)*\sin(q4))/6250000000000 - (7618384777*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5
  3*\cos(q4)*\cos(q6)*\sin(q5)*\sin(q6))/62500000000 - (7618384777*\cos(q3)*\cos(q4)^2*\cos(q5)^2*\cos(q6)^2*\sin(q2)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q
\frac{(7618384777*\cos(q_2)*\cos(q_3)*\cos(q_5)*\cos(q_6)^2*\sin(q_4)*\sin(q_5))}{(625000000000-(7618384777*\cos(q_2)*\cos(q_3)*\cos(q_5)*\cos(q_6)^2*\sin(q_4)*\sin(q_5))}
8384777*\cos(q2)*\cos(q4)^2\cos(q5)*\cos(q6)*\sin(q3)*\sin(q6))/31250000000 + (7618384777*\cos(q3)^2\cos(q6)*\sin(q6))/31250000000 + (7618384777*\cos(q3)^2\cos(q6))
in(q2)*sin(q4)*sin(q5)*sin(q6))/31250000000 + (32755927981*cos(q3)*cos(q4)*cos(q5)*sin(q2)*sin(q3)*sin(q4)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*sin(q5)*s
\sin(q6))/125000000000 + (7618384777*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q6))/31250
-(7618384777*\cos(g6)^2)/62500000000 + (32755927981*\cos(g3)^2*\cos(g6))/125000000000 + (32755927981*\cos(g6)^2)/(g6)^2)/(g6)^2
(q4)^2 \cos(q6)/125000000000 - (237258851293 \cos(q3)^2 \cos(q4)^2)/1000000000000 + (7618384777 \cos(q3)^2)
^2)/62500000000 + (7618384777*\cos(q4)^2*\cos(q6)^2)/62500000000 - (10421867*\cos(q3)^2*\sin(q5)*\sin(q6))/97
q3)*sin(q3)*sin(q4)//3906250000 - (2740951021*cos(q5)*sin(q4)*sin(q6)//7812500000 - (7618384777*cos(q3)^2*
\cos(q4)^2 \cos(q5)^2 \cos(q6)^2 / 62500000000 - (10421867 \cos(q3) \cos(q6) \sin(q3) \sin(q4)) / 976562500 - (32755) \cos(q6) \cos(q
(q6)/125000000000 - (7618384777*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q5))/31250000000 - (10421867*\cos(q3)*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q5))/312500000000 - (10421867*\cos(q3)*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q5))/312500000000 - (10421867*\cos(q3)*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q5))/312500000000 - (10421867*\cos(q3)*\cos(q3)*\cos(q4)*\cos(q5)*\sin(q5))/312500000000 - (10421867*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q5)*\sin(q5))/312500000000 - (10421867*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q
 \cos(q4)\cos(q5)\sin(q3)\sin(q6)\frac{976562500 - (7618384777\cos(q4)\cos(q5)\cos(q6)\sin(q4)\sin(q6))}{31250000}
(21105437293*\sin(q3)*\sin(q4))/62500000000 - (10421867*\cos(q3)*\cos(q4)*\cos(q6))/1953125000 - (2372588512)
1*\cos(q_3)*\sin(q_5)*\sin(q_6)/15625000000 - (8538821*\cos(q_3))/488281250 + (7618384777*\cos(q_4)*\cos(q_5)^2*\sin(q_5)
q3)*sin(q4))/62500000000 - (7618384777*cos(q4)*cos(q6)^2*sin(q3)*sin(q4))/62500000000 - (32755927981*cos(q6))*sin(q6)
250000000000 + (10421867*\cos(q_3)*\cos(q_5)*\sin(q_4)*\sin(q_6))/1953125000 - (2740951021*\cos(q_4)*\cos(q_5)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6)*\cos(q_6)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6)*\cos(q_6)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6)*\cos(q_6)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6)*\cos(q_6)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6)*\cos(q_6)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q_6)*\cos(q
3)*\sin(q6))/15625000000 + (7618384777*\cos(q5)*\cos(q6)*\sin(q3)*\sin(q6))/625000000000 - (7618384777*\cos(q3)*\sin(q6))/15625000000000 - (7618384777*\cos(q3)*\sin(q6))
\cos(q5)*\cos(q6)^2*\sin(q4)*\sin(q5))/62500000000 - (7618384777*\cos(q4)^2*\cos(q5)*\cos(q6)*\sin(q3)*\sin(q6))/312
50000000 - (7618384777 \cos(q4) \cos(q5)^2 \cos(q6)^2 \sin(q3) \sin(q4)) / 62500000000 - (7618384777 \cos(q3) \cos(q3) \cos(q5)^2 \cos(q6)^2 \sin(q3) \sin(q4)) / 62500000000 - (7618384777 \cos(q3) \cos(q5)^2 \cos(q6)^2 \cos(q
\cos(q4))/62500000000 + (32755927981*\cos(q3)*\cos(q6))/125000000000 - (80248811*\sin(q3)*\sin(q4))/781250000
77*\cos(q3)*\cos(q5)^2\cos(q6)^2/62500000000 + (2740951021*\cos(q3)*\cos(q4)*\cos(q6))/15625000000 - (104218)
67*\cos(q6)*\sin(q3)*\sin(q4))/1953125000 - (7618384777*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q5))/62500000000 - (27409)
51021*\cos(q3)*\cos(q5)*\sin(q4)*\sin(q6))/15625000000 - (10421867*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q6))/1953125000
  q3)*\sin(q5))/625000000000 - (7618384777*\cos(q6)*\sin(q3)*\sin(q4)*\sin(q5)*\sin(q6))/62500000000, (7618384777*\sin(q6))/\cos(q6))/\cos(q6)
n(q3)*\sin(q4))/62500000000 - (7618384777*\cos(q6)^2*\sin(q3)*\sin(q4))/62500000000 - (32755927981*\cos(q3)*\sin(q4))/\cos(q5)
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n(q5)*\sin(q6))/2500000000000 - (2740951021*\cos(q5)*\sin(q3)*\sin(q6))/15625000000 - (2740951021*\cos(q3)*\cos(q3)*\cos(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\sin(q6))/(q5)*\cos(q5)*\sin(q6))/(q5)*\cos(q5)*\sin(q6))/(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(
q4)*\sin(q5)*\sin(q6))/15625000000 - (32755927981*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q6))/2500000000000 - (761838477)\cos(q5)*\sin(q6))/\cos(q6)
-(2740951021*\cos(q_3)*\sin(q_4)*\sin(q_6))/15625000000 - (10421867*\cos(q_4)*\sin(q_3)*\sin(q_6))/1953125000 - (2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(2740951021*\cos(q_6))/(274095102
951021*\cos(q6)*\sin(q3)*\sin(q5))/15625000000 + (2740951021*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q6))/15625000000 - (2740951021*\cos(q5))\cos(q5)
(32755927981*\cos(q4)*\cos(q6)*\sin(q3)*\sin(q5))/250000000000 - (10421867*\cos(q5)*\cos(q6)*\sin(q3)*\sin(q4))/19
53125000,0;
0000 + (7618384777*\cos(g2)*\cos(g5)^2*\cos(g6)^2)/62500000000 + (4734679849*\cos(g2)*\sin(g3)*\sin(g4))/50000
0000000 + (21105437293 \cos(q_3) \sin(q_2) \sin(q_4)) / 62500000000 - (80248811 \cos(q_4) \sin(q_2) \sin(q_3)) / 78125000 + (80248811 \cos(q_4) \sin(q_2) \sin(q_3)) / 78125000 + (80248811 \cos(q_4) \sin(q_2) \sin(q_3)) / 78125000 + (80248811 \cos(q_4) \sin(q_3) \sin(q_3) \sin(q_3)) / 78125000 + (80248811 \cos(q_4) \sin(q_3) \sin(q_3) \sin(q_3)) / 78125000 + (80248811 \cos(q_4) \sin(q_3) \sin(q_3) \sin(q_3)) / (80248811 \cos(q_4) \sin(q_3) \sin(q_3) \sin(q_3) \sin(q_3) \sin(q_3) \cos(q_4) \cos(q_3) \cos(q_3)
00 + (10421867*\cos(q2)*\sin(q5)*\sin(q6))/976562500 - (7618384777*\cos(q2)*\cos(q4)^2*\cos(q5)^2*\cos(q6)^2)/62
n(q3)*\sin(q4))/1250000000000 + (2740951021*\cos(q3)*\cos(q6)*\sin(q2)*\sin(q4))/15625000000 - (10421867*\cos(q4))/\cos(q4)) + (2740951021*\cos(q3)*\cos(q6)*\sin(q4))/\cos(q4) + (2740951021*\cos(q3)*\cos(q6)*\sin(q4)) + (2740951021*\cos(q3)*\cos(q6)*\sin(q4)) + (2740951021*\cos(q6)*\sin(q6)) + (2740951021*\cos(q6)) + 
*\cos(q6)*\sin(q2)*\sin(q3)/1953125000 + (614890153*\cos(q2)*\cos(q3)*\sin(q5)*\sin(q6))/125000000000 - (327559)
27981*\cos(q3)*\cos(q5)*\sin(q2)*\sin(q6))/2500000000000 - (2740951021*\sin(q2)*\sin(q3)*\sin(q5)*\sin(q6))/1562500
0000 - (7618384777*\cos(q_3)*\cos(q_4)*\cos(q_5)^2*\sin(q_2)*\sin(q_4))/62500000000 + (7618384777*\cos(q_3)*\cos(q_4)*\cos(q_4)*\cos(q_5)^2*\sin(q_5)
000 + (32755927981*\cos(q3)*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q4))/125000000000 + (614890153*\cos(q2)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*\cos(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*o(q4)*
s(q5)*sin(q3)*sin(q6)/125000000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q2)*sin(q6)/15625000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q6)/125000000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q6)/1250000000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q6)/1250000000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q6)/1250000000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q6)/1250000000000 + (2740951021*cos(q3)*cos(q4)*cos(q5)*sin(q6)/125000000000 + (2740951021*cos(q5)*cos(q5)*sin(q6)/1250000000000 + (2740951021*cos(q5)*cos(q5)*sin(q6)/125000000000 + (2740951021*cos(q5)*cos(q5)*sin(q6)/125000000000 + (2740951021*cos(q5)*cos(q5)*sin(q6)/125000000000 + (2740951021*cos(q5)*cos(q5)*cos(q5)*sin(q6)/125000000000000 + (2740951021*cos(q5)*cos(q5)*cos(q5)*sin(q6)/1250000000000 + (2740951021*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(q5)*cos(
32755927981*\cos(q2)*\cos(q4)*\cos(q5)*\sin(q4)*\sin(q6))/1250000000000-(7618384777*\cos(q3)*\cos(q5)*\cos(q6)*\cos(q6)*\cos(q6)*\cos(q6)
\sin(q2)*\sin(q6))/62500000000 + (7618384777*\cos(q5)*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q5))/62500000000 - (3275592)
7981*\cos(q4)*\sin(q2)*\sin(q3)*\sin(q5)*\sin(q6))/250000000000 + (10421867*\cos(q5)*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q5)*\sin(q5)
(q6)/1953125000 + (7618384777*\cos(q3)*\cos(q4)*\cos(q5)^2*\cos(q6)^2*\sin(q2)*\sin(q4))/62500000000 + (761838)\cos(q5)^2*\cos(q6)^2*\sin(q6)^2*\sin(q6)^2
4777*\cos(q^2)*\cos(q^4)*\cos(q^5)*\cos(q^6)*\sin(q^4)*\sin(q^6)
n(q3)*\sin(q5)*\sin(q6))/62500000000 + (7618384777*\cos(q3)*\cos(q4)^2*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q6))/312500
00000 - (7618384777*\cos(q5)*\cos(q6)^2*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q5))/62500000000,(32755927981*\cos(q5)*\sin(q5))
in(q3)*sin(q6)/250000000000 - (80248811*cos(q3)*cos(q4))/7812500000 - (21105437293*sin(q3)*sin(q4))/62500
0000 - (2740951021*\cos(q6)*\sin(q3)*\sin(q4))/15625000000 - (2740951021*\cos(q3)*\sin(q5)*\sin(q6))/15625000000 - (2740951021*\cos(q3)*\sin(q6))/15625000000 - (2740951021*\cos(q3)*\sin(q6))/15625000000 - (2740951021*\cos(q3)*\cos(q3)*\sin(q6))/15625000000 - (2740951021*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q3)*\cos(q
0 - (8538821 \cos(q_3))/488281250 + (7618384777 \cos(q_4) \cos(q_5)^2 \sin(q_3) \sin(q_4))/62500000000 - (7618384777 \cos(q_5) \cos(q
7*\cos(q4)*\cos(q6)^2*\sin(q3)*\sin(q4))/62500000000 - (32755927981*\cos(q4)^2*\cos(q5)*\sin(q3)*\sin(q6))/1250000
00000 + (7618384777*\cos(q_3)*\cos(q_5)*\sin(q_4)*\sin(q_5))/62500000000 - (32755927981*\cos(q_4)*\cos(q_6)*\sin(q_3)*\sin(q_5))/\cos(q_5)
(q5)*\sin(q4)*\sin(q6))/1953125000 - (2740951021*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q6))/15625000000 + (7618384777)
 \cos(q5)\cos(q6)\sin(q3)\sin(q3)\sin(q6) -(7618384777\cos(q3)\cos(q5)\cos(q6)^2\sin(q4)\sin(q5))
0000000 - (7618384777*\cos(q4)^2\cos(q5)*\cos(q6)*\sin(q3)*\sin(q6))/31250000000 - (7618384777*\cos(q4)*\cos(q5)*\cos(q5)*\cos(q6)*\sin(q6))/31250000000 - (7618384777*\cos(q4)^2\cos(q5)*\cos(q5)*\cos(q6)*\sin(q6))/31250000000 - (7618384777*\cos(q4)^2\cos(q5)*\cos(q5)*\cos(q6)*\sin(q6))/31250000000 - (7618384777*\cos(q4)^2\cos(q5)^2\cos(q5)^2\cos(q5)^2\cos(q6)
000, (32755927981*\cos(q6))/1250000000000 + (10421867*\sin(q5)*\sin(q6))/976562500 - (237258851293*\cos(q4)^2)
7981*\cos(q4)*\cos(q5)*\sin(q4)*\sin(q6))/125000000000 + (7618384777*\cos(q4)*\cos(q5)*\cos(q6)*\sin(q4)*\sin(q6))/(7618384777*\cos(q4)*\cos(q5)*\cos(q5)*\sin(q4)*\sin(q6))/(7618384777*\cos(q4)*\cos(q5)*\cos(q5)*\cos(q6)*\sin(q6))/(7618384777*\cos(q6))
\cos(q4)\cos(q6)/1953125000 - (80248811\cos(q4))/7812500000 - (32755927981\cos(q4)\sin(q5)\sin(q6))/2500
-(7618384777*\cos(q4)*\cos(q6)^2)/62500000000 + (10421867*\cos(q4)*\sin(q5)*\sin(q6))/1953125000 + (3275592)\cos(q4)^2\cos(q4)^2\cos(q6)^2)/(2618384777*\cos(q4)^2\cos(q6)^2)/(2618384777*\cos(q4)^2\cos(q6)^2)/(2618384777*\cos(q4)^2\cos(q6)^2)/(2618384777*\cos(q4)^2\cos(q6)^2)/(2618384777*\cos(q4)^2\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(2618384777*\cos(q6)^2)/(261838477*\cos(q6)^2)/(261838475)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(26183847*\cos(q6)^2)/(
18384777*\sin(q4)*\sin(q5))/62500000000 + (10421867*\sin(q4)*\sin(q6))/1953125000 - (10421867*\cos(q4)*\cos(q5))/\sin(q5))/\cos(q5)
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in(q2)*sin(q3))/62500000000 - (4734679849*cos(q2)*cos(q3)*cos(q4))/500000000000 - (10421867*cos(q2)*cos(q3)*cos(q3)*cos(q4))/cos(q3)*cos(q4))/cos(q3)*cos(q3)*cos(q4))/cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q3)*cos(q
4)*cos(q6))/1953125000 + (80248811*cos(q3)*sin(q2)*sin(q4))/7812500000 + (21105437293*cos(q4)*sin(q2)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)*sin(q3)
4))/125000000000 - (7618384777*\cos(q5)^2*\cos(q6)^2*\sin(q2)*\sin(q3))/62500000000 - (614890153*\cos(q2)*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\sin(q5)^2*\sin(q5)^2*\sin(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos(q5)^2*\cos
q3*cos(q4)*cos(q6)/1250000000000 + (10421867*cos(q3)*cos(q6)*sin(q2)*sin(q4))/1953125000 + (2740951021*cos(q6)*sin(q6)
\cos(q4)*\cos(q6)*\sin(q2)*\sin(q3))/15625000000 + (7618384777*\cos(q2)*\cos(q5)*\sin(q4)*\sin(q5))/62500000000 - (7618384777*\cos(q5)*\sin(q5))/\cos(q5)
32755927981*\cos(q2)*\cos(q4)*\sin(q5)*\sin(q6))/2500000000000 + (10421867*\cos(q2)*\cos(q5)*\sin(q4)*\sin(q6))/19
53125000 + (614890153*\cos(q4)*\cos(q5)*\sin(q2)*\sin(q6))/125000000000 - (7618384777*\cos(q2)*\cos(q5)*\cos(q6)
)^2 * \sin(q4) * \sin(q5)) / 62500000000 + (7618384777 * \cos(q3) * \cos(q4) * \cos(q5) * \sin(q2) * \sin(q5)) / 62500000000 + (6148384777 * \cos(q3) * \cos(q4) * \cos(q5) * \sin(q5)) / 625000000000 + (6148384777 * \cos(q3) * \cos(q4) * \cos(q5) * \sin(q5)) / 625000000000 + (6148384777 * \cos(q3) * \cos(q4) * \cos(q5) * \sin(q5)) / 625000000000 + (6148384777 * \cos(q3) * \cos(q4) * \cos(q5) * \sin(q5)) / 625000000000 + (6148384777 * \cos(q5) * \cos(q5
\sin(q6))/1953125000 - (7618384777*\cos(q2)*\cos(q4)*\cos(q6)*\sin(q5)*\sin(q6))/62500000000 + (32755927981*\cos(q6)*\sin(q6))/625000000000 + (32755927981*\cos(q6)*\sin(q6))/6250000000000 + (32755927981*\cos(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q6)*\sin(q
(q3)*\sin(q2)*\sin(q4)*\sin(q5)*\sin(q6))/250000000000 - (2740951021*\cos(q5)*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q6))/156
25000000 + (7618384777*\cos(q_3)*\cos(q_6)*\sin(q_2)*\sin(q_4)*\sin(q_5)*\sin(q_6))/62500000000 - (7618384777*\cos(q_3)*\cos(q_6)*\sin(q_6)*\sin(q_6)
7293*\cos(q3)*\cos(q4))/62500000000 + (32755927981*\cos(q3)*\cos(q6))/125000000000 - (80248811*\sin(q3)*\sin(q6))/\cos(q6))/\cos(q6) + (32755927981*\cos(q6))/\cos(q6) + (
00 - (7618384777*\cos(q3)*\cos(q5)^2*\cos(q6)^2)/62500000000 + (2740951021*\cos(q3)*\cos(q4)*\cos(q6))/1562500
0000 - (10421867*\cos(q6)*\sin(q3)*\sin(q4))/1953125000 - (7618384777*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q5))/625000
00000 - (2740951021*\cos(q3)*\cos(q5)*\sin(q4)*\sin(q6))/15625000000 - (10421867*\cos(q4)*\cos(q5)*\sin(q3)*\sin(q3)*\sin(q4)*\sin(q6))/(10421867*\cos(q4)*\cos(q5)*\sin(q4)*\sin(q6))/(10421867*\cos(q4)*\cos(q5)*\sin(q4)*\sin(q6))/(10421867*\cos(q4)*\cos(q5)*\sin(q4)*\sin(q6))/(10421867*\cos(q4)*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\cos(q5)*\sin(q6))/(10421867*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5)*\cos(q5
6))/1953125000 - (32755927981*\sin(q3)*\sin(q4)*\sin(q5)*\sin(q6))/2500000000000 + (7618384777*\cos(q4)*\cos(q5))
 \cos(q6)^2 \sin(q3) \sin(q5) / 62500000000 - (7618384777 \cos(q6) \sin(q3) \sin(q4) \sin(q5) \sin(q6) / 625000000000,
(7618384777*\cos(q5)*\sin(q4)*\sin(q5))/62500000000 - (10421867*\cos(q4)*\cos(q6))/1953125000 - (80248811*\cos(q5))/(20169) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (8024885) - (802485) - (8024885) - (802485) - (802485) - (802485) - (802485) - 
1953125000 - (7618384777*\cos(q5)*\cos(q6)^2*\sin(q4)*\sin(q5))/62500000000 - (7618384777*\cos(q4)*\cos(q6)*\sin(q5))/62500000000 - (7618384777*\cos(q4)*\cos(q6))/\cos(q6)
2924))/2500000000000,0;
4777*\cos(q_3)*\sin(q_2)*\sin(q_4)/62500000000 + (7618384777*\cos(q_3)*\cos(q_6)^2*\sin(q_2)*\sin(q_4)/62500000000 + (7618384777*\cos(q_6)^2)
(614890153*\cos(q2)*\cos(q5)*\sin(q3)*\sin(q6))/125000000000 + (2740951021*\cos(q3)*\cos(q5)*\sin(q2)*\sin(q6))/1
5625000000 + (10421867*\cos(q_2)*\cos(q_4)*\sin(q_5)*\sin(q_6))/1953125000 + (32755927981*\cos(q_2)*\cos(q_5)*\sin(q_6))/1953125000 + (32755927981*\cos(q_6))^2 + (327559281*\cos(q_6))^2 + (327559281*\cos(q_6))^2 + (32755981*\cos(q_6))^2 + (3275
(32755927981*\cos(q_3)*\cos(q_4)*\cos(q_5)*\sin(q_2)*\sin(q_6))/250000000000 + (7618384777*\cos(q_2)*\cos(q_5)*\cos(q_6))
  *\sin(q4)*\sin(q6))/62500000000 - (10421867*\cos(q3)*\sin(q2)*\sin(q4)*\sin(q5)*\sin(q6))/1953125000 - (2740951021)
  \cos(q4) \sin(q2) \sin(q3) \sin(q5) \sin(q5) \sin(q6) / 15625000000 - (7618384777 \cos(q6) \sin(q2) \sin(q3) \sin(q5) \sin(q5) \sin(q6) / (7618384777 \cos(q6) \sin(q5) \sin(q5) \sin(q5) \sin(q5) \sin(q5) \sin(q6) / (7618384777 \cos(q6) \sin(q5) \sin(
5)*\sin(q6))/250000000000 - (2740951021*\cos(q5)*\sin(q3)*\sin(q6))/15625000000 - (2740951021*\cos(q3)*\cos(q4)
 \cos(q3)*\cos(q6)*\sin(q5)*\sin(q6))/62500000000 + (10421867*\sin(q3)*\sin(q4)*\sin(q5)*\sin(q6))/1953125000 - (761)
777*\cos(q4)*\cos(q6)^2)/62500000000 + (10421867*\cos(q4)*\sin(q5)*\sin(q6))/1953125000 + (32755927981*\cos(q6)^2)/1953125000 + (32755927981*\cos(q6)^2)/195312500 + (
5)*\sin(q4)*\sin(q6))/2500000000000 + (7618384777*\cos(q5)*\cos(q6)*\sin(q4)*\sin(q6))/62500000000, -(10421867*\sin(q6))
n(q5)*\sin(q6)*(2924*\cos(q6) + 3143))/250000000000, (7618384777*\sin(q6)^2)/625000000000, 0, 0;
(7618384777*\cos(q5)*\sin(q2)*\sin(q3))/62500000000 + (7618384777*\cos(q2)*\sin(q4)*\sin(q5))/62500000000 + (10)
421867*\cos(q2)*\sin(q4)*\sin(q6))/1953125000 + (614890153*\cos(q4)*\sin(q2)*\sin(q6))/125000000000 - (10421867)\cos(q4)*\sin(q6) + (10421867)\cos(q4) + (10421867)
(q_2)^*\cos(q_4)^*\cos(q_5)^*\cos(q_6)/1953125000 + (7618384777^*\cos(q_3)^*\cos(q_4)^*\sin(q_2)^*\sin(q_5))/625000000000 + (7618384777^*\cos(q_3)^*\cos(q_4)^*\sin(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*\cos(q_5)^*
    (614890153*\cos(q_2)*\cos(q_3)*\sin(q_4)*\sin(q_6))/125000000000 + (10421867*\cos(q_3)*\cos(q_4)*\sin(q_2)*\sin(q_6))/195
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 $*\sin(q5))/15625000000 + (32755927981*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q3))/2500000000000 + (32755927981*\cos(q2)*\cos(q6)*\sin(q4)*\sin(q5))/2500000000000 + (614890153*\cos(q5)*\cos(q6)*\sin(q2)*\sin(q4))/1250000000000 - (2740951021*\sin(q2)*\sin(q3)*\sin(q4)*\sin(q6))/15625000000 - (614890153*\cos(q2)*\cos(q3)*\cos(q4)*\cos(q5)*\cos(q6))/125000000000 + (32755927981*\cos(q3)*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q5))/250000000000 + (10421867*\cos(q3)*\cos(q3)*\cos(q4)*\cos(q6)*\sin(q2)*\sin(q3))/15625000000000 + (10421867*\cos(q3)*\cos(q4))/1250000000000 + (10421867*\cos(q3))/15625000000000 + (2740951021*\cos(q4))/1250000000000 + (2740951021*\cos(q3))/1250000000000 - (7618384777*\cos(q4))/1250000000000 + (2740951021*\cos(q3))/125000000000 + (2740951021*\cos(q3))/125000000000 + (2740951021*\cos(q3))/125000000000 + (2740951021*\cos(q4))/125000000000 + (2740951021*\cos(q4))/125000000000 + (2740951021)/125000000000 + (2740951021)/1250000000000 + (2740951021)/125000000000 + (2740951021)/125000000000 + (2740951021)/125000000000 + (2740951021)/1250000000000 + (2740951021)/1250000000000 + (2740951021)/1250000000000 + (2740951021)/1250000000000 + (2740951021)/1250000000000 + (2740951021)/1250000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/125000000000000 + (2740951021)/125000000000000 + (2740951021)/1250000000000000 + (2740951021)/1250000000000000 + (2740951021)/125000000000000 + (2740951021)/125000000000000 + (2740951021)/12500000000000 + (2740951021)/125000000000000 + (2740951021)/12500000000000 + (2740951021)/125000000000000 + (2740951021)/125000000000000 + (2740951021)/125000000000000 + (2740951021)/125000000000000 + (2740951021)/125000000000000 + (2740951021)/12500000000000 + (2740951021)/125000000000000 + (2740951021)/12500000000000 + (2740951021)/12500000000000 + (2740951021)/125000000$