mFuncYall

(1/(4096 NNN^6))(43 SumAll[w[i1,i2],{i1,i2}]^6-10 SumAll[w[i1,i2],{i1,i2}]^5 SumAll[w[i2,i1],{i1,i2}]+3 SumAll[w[i2,i1],{i1,i2}]^6-16 NNN SumAll[w[i2,i1],{i1,i2}]^4 SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}]+SumAll[w[i1,i2],{i1,i2}]^4 (29 SumAll[w[i2,i1],{i1,i2}]^2-272 NNN SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}])+32 NNN^2 SumAll[w[i2,i1],{i1,i2}]^3 SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}]-12 SumAll[w[i1,i2],{i1,i2}]^3 (SumAll[w[i2,i1],{i1,i2}]^3-24 NNN^2 SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}])-64 NNN^2 SumAll[w[i2,i1],{i1,i2}]^2 (-SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}]^2+NNN SumAll[w[i1,i2] w[i3,i1] w[i4,i3] w[i5,i4],{i1,i2,i3,i4,i5}])+SumAll[w[i1,i2],{i1,i2}]^2 (21 SumAll[w[i2,i1],{i1,i2}]^4-96 NNN SumAll[w[i2,i1],{i1,i2}]^2 SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}]+32 NNN^2 SumAll[w[i2,i1],{i1,i2}] SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}]+64 NNN^2 (7 SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}]^2-5 NNN SumAll[w[i1,i2] w[i3,i1] w[i4,i3] w[i5,i4],{i1,i2,i3,i4,i5}]))+64 NNN^3 SumAll[w[i2,i1],{i1,i2}] (-2 SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}] SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}]+NNN SumAll[w[i1,i2] w[i3,i1] w[i4,i3] w[i5,i4] w[i6,i5],{i1,i2,i3,i4,i5,i6}])+SumAll[w[i1,i2],{i1,i2}] (-10 SumAll[w[i2,i1],{i1,i2}]^5+64 NNN^2 SumAll[w[i2,i1],{i1,i2}] SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}]^2+32 NNN^2 SumAll[w[i2,i1],{i1,i2}]^2 SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}]+320 NNN^3 (-2 SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}] SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}]+NNN SumAll[w[i1,i2] w[i3,i1] w[i4,i3] w[i5,i4] w[i6,i5],{i1,i2,i3,i4,i5,i6}]))+64 NNN^3 (-2 SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}]^3+3 NNN SumAll[w[i1,i2] w[i3,i1] w[i4,i3],{i1,i2,i3,i4}]^2+6 NNN SumAll[w[i1,i2] w[i3,i1],{i1,i2,i3}] SumAll[w[i1,i2] w[i3,i1] w[i4,i3] w[i5,i4],{i1,i2,i3,i4,i5}]+NNN^3 SumAll[w[i1,i2] w[i2,i3] w[i3,i4] w[i4,i5] w[i5,i6] w[i6,i1],{i1,i2,i3,i4,i5,i6}]-6 NNN^2 SumAll[w[i1,i2] w[i3,i1] w[i4,i3] w[i5,i4] w[i6,i5] w[i7,i6],{i1,i2,i3,i4,i5,i6,i7}]))

SA::No rules::mFuncYallVal: (6)

(-2\*SumAll[aab[[i1,i2]], {i1, i2}]^6 - 6\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] - 7\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 - 2\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^3 - 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] - 8\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}]^2 - 6\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] - 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]], {i1, i2, i3, i4, i5, i6}] - NNN^6\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i6]]\*aab[[i4,i5]]\*aab[[i5,i6]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*aab[[i6,i7]], {i1, i2, i3, i4, i5, i6, i7}] + SumAll[sab[[i1,i2]], {i1, i2}]^6 + 3\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]^2 - 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]^2 - NNN^2\*(7\*SumAll[aab[[i1,i2]], {i1, i2}]^2 + 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}])\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 - 2\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^3 - 3\*SumAll[sab[[i1,i2]], {i1, i2}]^4\*(3\*SumAll[aab[[i1,i2]], {i1, i2}]^2 + 2\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 2\*NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]) + 6\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6}] - 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6}] - 3\*NNN^6\*SumAll[aab[[i2,i4]]\*aab[[i3,i6]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^6\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i4,i6]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i2,i4]]\*aab[[i3,i6]]\*aab[[i4,i5]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i4,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i5,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6, i7}] - 12\*NNN^5\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}]^2 + 6\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]^3\*(SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}]) - 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^3\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 8\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}]^2 + 6\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + NNN^6\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i6]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i7]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] + 2\*NNN^6\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i5]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] - 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i5]]\*aab[[i3,i6]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] - 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] - 3\*NNN^6\*SumAll[aab[[i1,i3]]\*aab[[i2,i6]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^6\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i4,i6]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i7]]\*aab[[i5,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i3,i6]]\*aab[[i4,i7]]\*aab[[i5,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i2,i6]]\*aab[[i3,i5]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i2,i6]]\*aab[[i4,i5]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i3,i6]]\*aab[[i4,i5]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i4,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i5,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i3,i7]]\*aab[[i5,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + SumAll[sab[[i1,i2]], {i1, i2}]^2\*(11\*SumAll[aab[[i1,i2]], {i1, i2}]^4 + 24\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 9\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 + 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + 6\*NNN\*(4\*SumAll[aab[[i1,i2]], {i1, i2}]^2 + 3\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}])\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 9\*NNN^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 - 6\*NNN^3\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 6\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^3\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}]) + 2\*NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*(-3\*SumAll[aab[[i1,i2]], {i1, i2}]^4 - 7\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] - 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*(SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] + SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}]) + 3\*NNN^2\*(-SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 + NNN\*(-SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 2\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}])) + 3\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}]) + 6\*NNN^6\*SumAll[aab[[i4,i6]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i4,i6]]\*aab[[i5,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[aab[[i4,i6]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5, i6, i7}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^6\*SumAll[aab[[i2,i5]]\*aab[[i3,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i2,i5]]\*aab[[i3,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[aab[[i2,i7]]\*aab[[i5,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[aab[[i2,i5]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[aab[[i3,i7]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^6\*SumAll[aab[[i3,i5]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[i3,i5]]\*aab[[i4,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6, i7}] - 12\*NNN^5\*SumAll[aab[[i3,i7]]\*aab[[i5,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[aab[[i3,i5]]\*aab[[i6,i7]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6, i7}] + 2\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*(-7\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 14\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 4\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 4\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 3\*NNN^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i3,i4]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] - 3\*NNN^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] - 3\*NNN^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] + 6\*NNN^2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] - 7\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 6\*NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*(SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}]) + 3\*NNN^2\*SumAll[aab[[i3,i5]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^2\*SumAll[aab[[i3,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^2\*SumAll[aab[[i2,i6]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^2\*SumAll[aab[[i2,i4]]\*aab[[i3,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] + 6\*NNN^2\*SumAll[aab[[i2,i6]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^2\*SumAll[aab[[i2,i4]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6}]) + NNN^6\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]]\*sab[[i4,i6]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]]\*sab[[i4,i6]]\*sab[[i5,i7]], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[aab[[i2,i4]]\*aab[[i3,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i6,i7]], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[aab[[i2,i4]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]]\*sab[[i6,i7]], {i1, i2, i3, i4, i5, i6, i7}])/(64\*NNN^6)

SA::mFuncYallVal: (6)

(-2\*NNN^3\*SumA12A13^3 - 3\*NNN^4\*SumA12A13A24^2 - 6\*NNN^4\*SumA12A13\*SumA12A13A24A45 + 9\*NNN^2\*SumA12A13^2\*SumS12^2 + 6\*NNN^3\*SumA12A13A24A45\*SumS12^2 - 6\*NNN\*SumA12A13\*SumS12^4 + SumS12^6 - 12\*NNN^3\*SumA12A13\*SumS12\*SumS12A13A24 + 6\*NNN^2\*SumS12^3\*SumS12A13A24 + 3\*NNN^4\*SumS12A13A24^2 - 6\*NNN^4\*SumS12\*SumS12A13A24A35A56 - 6\*NNN^4\*SumS12\*SumS12A13A24A45A56 + 6\*NNN^4\*SumS12\*SumS12A13A25A34A56 + 24\*NNN^3\*SumA12A13\*SumS12\*SumS12A13A34 - 12\*NNN^2\*SumS12^3\*SumS12A13A34 - 12\*NNN^4\*SumS12A13A24\*SumS12A13A34 + 12\*NNN^4\*SumS12A13A34^2 + 12\*NNN^4\*SumS12\*SumS12A13A34A45A56 - 6\*NNN^3\*SumA12A13^2\*SumS12S13 - 6\*NNN^4\*SumA12A13A24A45\*SumS12S13 + 18\*NNN^2\*SumA12A13\*SumS12^2\*SumS12S13 - 6\*NNN\*SumS12^4\*SumS12S13 - 12\*NNN^3\*SumS12\*SumS12A13A24\*SumS12S13 + 24\*NNN^3\*SumS12\*SumS12A13A34\*SumS12S13 - 6\*NNN^3\*SumA12A13\*SumS12S13^2 + 9\*NNN^2\*SumS12^2\*SumS12S13^2 - 2\*NNN^3\*SumS12S13^3 + 6\*NNN^4\*SumA12A13\*SumS12S13A24A35 - 6\*NNN^3\*SumS12^2\*SumS12S13A24A35 + 6\*NNN^4\*SumS12S13\*SumS12S13A24A35 - 12\*NNN^4\*SumA12A13\*SumS12S13A24A45 + 12\*NNN^3\*SumS12^2\*SumS12S13A24A45 - 12\*NNN^4\*SumS12S13\*SumS12S13A24A45 - 12\*NNN^3\*SumA12A13\*SumS12\*SumS12S13S24 + 6\*NNN^2\*SumS12^3\*SumS12S13S24 + 6\*NNN^4\*SumS12A13A24\*SumS12S13S24 - 12\*NNN^4\*SumS12A13A34\*SumS12S13S24 - 12\*NNN^3\*SumS12\*SumS12S13\*SumS12S13S24 + 3\*NNN^4\*SumS12S13S24^2 + 6\*NNN^4\*SumS12\*SumS12S13S24A35A46 - 12\*NNN^4\*SumS12\*SumS12S13S24A35A56 + 6\*NNN^4\*SumS12\*SumS12S13S24S35S46 + 6\*NNN^4\*SumS12\*SumS12S13S45A24A36 - 12\*NNN^4\*SumS12\*SumS12S13S45A24A56 + 6\*NNN^4\*SumS12\*SumS12S13S45A26A34 + 12\*NNN^4\*SumS12\*SumS12S13S45A26A46 - 6\*NNN^4\*SumA12A13A24\*SumS12S34A13 - 3\*NNN^4\*SumS12S34A13^2 + 6\*NNN^4\*SumA12A13\*SumS12S34A13A25 - 6\*NNN^3\*SumS12^2\*SumS12S34A13A25 + 6\*NNN^4\*SumS12S13\*SumS12S34A13A25 - 6\*NNN^4\*SumA12A13\*SumS12S34A13A45 + 6\*NNN^3\*SumS12^2\*SumS12S34A13A45 - 6\*NNN^4\*SumS12S13\*SumS12S34A13A45 + 6\*NNN^4\*SumA12A13\*SumS12S34A15A35 - 6\*NNN^3\*SumS12^2\*SumS12S34A15A35 + 6\*NNN^4\*SumS12S13\*SumS12S34A15A35 + 6\*NNN^4\*SumS12\*SumS12S34S56A13A25 + 6\*NNN^4\*SumA12A13\*SumSp4 - 6\*NNN^3\*SumS12^2\*SumSp4 + 6\*NNN^4\*SumS12S13\*SumSp4 + NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*s[i4, i6]\*s[i5, i6], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*s[i4, i6]\*s[i5, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*s[i6, i7]\*\[Alpha][i2, i4]\*\[Alpha][i3, i6], {i1, i2, i3, i4, i5, i6, i7}] + 3\*NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*s[i4, i6]\*\[Alpha][i2, i5]\*\[Alpha][i3, i6], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*s[i4, i6]\*\[Alpha][i2, i5]\*\[Alpha][i3, i7], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i5, i6]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6], {i1, i2, i3, i4, i5, i6}] + 3\*NNN^6\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i2, i6]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6], {i1, i2, i3, i4, i5, i6}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i5, i6]\*\[Alpha][i3, i5]\*\[Alpha][i4, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i2, i6]\*\[Alpha][i3, i5]\*\[Alpha][i4, i7], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*s[i6, i7]\*\[Alpha][i2, i4]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] + 6\*NNN^6\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] + 6\*NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] + NNN^6\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*s[i4, i6]\*\[Alpha][i2, i7]\*\[Alpha][i5, i7], {i1, i2, i3, i4, i5, i6, i7}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i5, i6]\*\[Alpha][i3, i7]\*\[Alpha][i5, i7], {i1, i2, i3, i4, i5, i6, i7}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i2, i6]\*\[Alpha][i3, i7]\*\[Alpha][i5, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i5, i7], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*s[i4, i6]\*\[Alpha][i2, i5]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i5, i6]\*\[Alpha][i3, i5]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i2, i6]\*\[Alpha][i3, i5]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5]\*\[Alpha][i4, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] + 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5]\*\[Alpha][i5, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5]\*\[Alpha][i5, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5]\*\[Alpha][i5, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5]\*\[Alpha][i5, i6]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i6]\*\[Alpha][i5, i7]\*\[Alpha][i6, i7], {i1, i2, i3, i4, i5, i6, i7}])/(64\*NNN^6)

W::mFuncYallVal: (6)

(SumW12^6 + 6\*NNN^4\*SumW12\*SumW12SW31W43W54W65 - 6\*NNN\*SumW12^4\*SumW12W31 + 9\*NNN^2\*SumW12^2\*SumW12W31^2 - 2\*NNN^3\*SumW12W31^3 + 6\*NNN^2\*SumW12^3\*SumW12W31W43 - 12\*NNN^3\*SumW12\*SumW12W31\*SumW12W31W43 + 3\*NNN^4\*SumW12W31W43^2 - 6\*NNN^3\*SumW12^2\*SumW12W31W43W54 + 6\*NNN^4\*SumW12W31\*SumW12W31W43W54 + NNN^6\*SumAll[w[i1, i2]\*w[i2, i3]\*w[i3, i4]\*w[i4, i5]\*w[i5, i6]\*w[i6, i1], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[w[i1, i2]\*w[i3, i1]\*w[i4, i3]\*w[i5, i4]\*w[i6, i5]\*w[i7, i6], {i1, i2, i3, i4, i5, i6, i7}])/(64\*NNN^6)

S::No rules::DmFuncYallS: (6)

(12\*SumAll[s[i1, i2], {i1, i2}]^5 + 12\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}] + 12\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}] - 48\*NNN\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] + 36\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]^2 - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] + 36\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[A, i1]\*s[B, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*s[i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*s[i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*s[i4, i6], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}] - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][A, i3], {i1, i2, i3, i4}]\*SumAll[\[Alpha][B, i1], {i1}] - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][B, i3], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][A, i3]\*\[Alpha][B, i4], {i1, i2, i3, i4}] - 72\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 28\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 28\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 96\*NNN\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^3\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^3\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 28\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 28\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^3\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 44\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^4 - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 28\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 28\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 6\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] + 48\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 48\*NNN\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 72\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 24\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 96\*NNN\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 36\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]^2 + 6\*NNN^6\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][A, i3]\*\[Alpha][i1, i4], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][B, i3]\*\[Alpha][i1, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^5\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^6\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 36\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 28\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[A, i1]\*s[B, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][B, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 48\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][A, i4]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][B, i4]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*s[i5, i6]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5, i6}] + 6\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][A, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 12\*NNN^6\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][A, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][B, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 12\*NNN^6\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][B, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] - 72\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 24\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 24\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 48\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 24\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 56\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 24\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 24\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 48\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[A, i1]\*s[B, i2]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[s[A, i1]\*s[B, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][B, i1]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][B, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[s[B, i1]\*\[Alpha][A, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[s[A, i1]\*\[Alpha][B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][i2, i6]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5, i6}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][A, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][B, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 16\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][i2, i4]\*\[Alpha][i3, i6], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^6\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][A, i3]\*\[Alpha][i4, i1], {i1, i2, i3, i4}] - 6\*NNN^6\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][B, i3]\*\[Alpha][i4, i1], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[s[B, i1]\*\[Alpha][A, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i2], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[s[A, i1]\*\[Alpha][B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i2], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 6\*NNN^6\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][B, i1]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 6\*NNN^6\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][B, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[s[B, i1]\*\[Alpha][A, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[s[A, i1]\*\[Alpha][B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i3], {i1, i2, i3, i4, i5}] - 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i3], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][A, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][B, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 48\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 16\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 24\*NNN^3\*SumAll[s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 4\*NNN\*SumAll[s[B, i1], {i1}]\*(3\*SumAll[s[i1, i2], {i1, i2}]^4 + 3\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]^2 + 3\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5], {i1, i2, i3, i4, i5}] + 7\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^4 + 3\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 3\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 4\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] + 6\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 7\*NNN\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 3\*NNN^3\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]^2 + 3\*SumAll[s[i1, i2], {i1, i2}]^2\*(NNN^2\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}] - 3\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] - 4\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - NNN^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]) - 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*(NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] + SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + NNN\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]) - 3\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 4\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] - 3\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*(NNN\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] - 2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] + NNN\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - NNN\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - NNN\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 4\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}]) - 3\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 3\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 3\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}]) - 4\*NNN\*SumAll[s[A, i1], {i1}]\*(3\*SumAll[s[i1, i2], {i1, i2}]^4 - 3\*NNN^3\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]^2 + 3\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5], {i1, i2, i3, i4, i5}] - 3\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 7\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 3\*SumAll[\[Alpha][i1, i2], {i1, i2}]^4 + 3\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 3\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 4\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 6\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 7\*NNN\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 3\*NNN^3\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]^2 + 3\*SumAll[s[i1, i2], {i1, i2}]^2\*(NNN^2\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}] - 3\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] - 4\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - NNN^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]) - 3\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 4\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] - 3\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN\*SumAll[s[B, i1], {i1}]\*(-3\*SumAll[s[i1, i2], {i1, i2}]^3 + SumAll[s[i1, i2], {i1, i2}]\*(6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}] + 7\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 6\*NNN\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]) - 3\*NNN^2\*(SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] + SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}])) - 3\*NNN^2\*SumAll[s[i1, i2], {i1, i2}]\*(NNN\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}] - 2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}] + NNN\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - NNN\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - NNN\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 2\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 4\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}]) - 3\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 3\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 3\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 3\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}]) - 6\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 24\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][i2, i6]\*\[Alpha][i4, i6], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i6], {i1, i2, i3, i4, i5, i6}] + 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i5]\*\[Alpha][i5, i3], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i5]\*\[Alpha][i5, i3], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i5]\*\[Alpha][i5, i4], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i5]\*\[Alpha][i5, i4], {i1, i2, i3, i4, i5}] - 24\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][i2, i4]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5]\*\[Alpha][i3, i4]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] - 24\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] - 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] - 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}] + 24\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5]\*\[Alpha][i5, i6], {i1, i2, i3, i4, i5, i6}])/(64\*NNN^6)

A::No rules::DmFuncYallA: (6)

-(-12\*NNN^3\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}] + 12\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]^2\*SumAll[\[Alpha][A, i1], {i1}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][A, i1], {i1}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5], {i1, i2, i3, i4, i5}]\*SumAll[\[Alpha][A, i1], {i1}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][A, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][A, i4], {i1, i2, i3, i4, i5}] + 12\*SumAll[s[i1, i2], {i1, i2}]^4\*(SumAll[\[Alpha][A, i1], {i1}] - SumAll[\[Alpha][B, i1], {i1}]) + 12\*NNN^3\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}] - 12\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]^2\*SumAll[\[Alpha][B, i1], {i1}] + 12\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][B, i1], {i1}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][B, i1], {i1}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5], {i1, i2, i3, i4, i5}]\*SumAll[\[Alpha][B, i1], {i1}] + 12\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][B, i3], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][B, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][B, i4], {i1, i2, i3, i4, i5}] - 12\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 28\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 12\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 28\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 12\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^4 - 12\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^4 + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN\*SumAll[s[i1, i2], {i1, i2}]^3\*(SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] - SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}] - SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] + SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]) + 12\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] + 4\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] + 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 4\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] + 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 6\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 12\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 6\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 16\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] - 16\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 24\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 24\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 28\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 28\*NNN\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 6\*NNN^3\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 6\*NNN^3\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 12\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]^2 - 12\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]^2 + 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + 4\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + 6\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + 6\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] - 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] - 4\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] - 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] - 6\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] - 6\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 4\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 4\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 4\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 4\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*NNN^3\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 6\*SumAll[s[i1, i2], {i1, i2}]^2\*(2\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1], {i1}] + 2\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}] - 2\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1], {i1}] + 6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*(-SumAll[\[Alpha][A, i1], {i1}] + SumAll[\[Alpha][B, i1], {i1}]) - 2\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] - 2\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}] - 8\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 8\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 2\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + NNN^2\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - NNN^2\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] + 2\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 2\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 6\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 6\*NNN\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - NNN^2\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + NNN^2\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1], {i1, i2, i3}] + 2\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 2\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - NNN^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + NNN^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + NNN^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - NNN^2\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i2, i3], {i1, i2, i3}]) + 6\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*s[i3, i5]\*\[Alpha][i2, i4], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*s[i3, i5]\*\[Alpha][i2, i4], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][B, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 16\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 16\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i5]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i5]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i3, i2], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i3, i2], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i3, i2], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i3, i2], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[s[A, i1]\*s[B, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i4]\*\[Alpha][B, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2]\*\[Alpha][B, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][A, i4]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][B, i4]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 24\*NNN^3\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 24\*NNN^3\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][A, i2]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][B, i2]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][A, i4]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][B, i4]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 3\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[s[A, i1]\*s[B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i3, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i3, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i3, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i3, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[s[A, i1]\*s[B, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][i4, i1], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i4, i1], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i4, i1], {i1, i2, i3, i4, i5}] - 2\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][B, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i1], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[s[A, i1]\*s[B, i2]\*s[i1, i3]\*s[i3, i4]\*\[Alpha][i4, i2], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*s[i3, i5]\*\[Alpha][i4, i2], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*s[i3, i5]\*\[Alpha][i4, i2], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][B, i3]\*\[Alpha][i4, i2], {i1, i2, i3, i4}] + 2\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i2], {i1, i2, i3, i4}] - 2\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][B, i2]\*\[Alpha][i3, i1]\*\[Alpha][i3, i4]\*\[Alpha][i4, i2], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[s[A, i1]\*s[B, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 2\*NNN\*SumAll[s[B, i1], {i1}]\*(-6\*SumAll[s[i1, i2], {i1, i2}]^3\*SumAll[\[Alpha][A, i1], {i1}] + 6\*NNN\*SumAll[s[i1, i2], {i1, i2}]^2\*(SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] + SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]) - 2\*SumAll[s[i1, i2], {i1, i2}]\*(-6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}] + 3\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2], {i1, i2, i3}] - 7\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 3\*NNN^2\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] - 6\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 3\*NNN^2\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}]) + 3\*NNN\*(-2\*NNN\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*SumAll[\[Alpha][A, i1], {i1}] + 2\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][A, i3], {i1, i2, i3, i4}] - 2\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 - 2\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 2\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*(SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] + SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]) - 2\*NNN\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 2\*NNN\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 2\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] - 2\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 2\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 2\*NNN^2\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] + 2\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 4\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}])) + 6\*NNN^4\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 4\*NNN\*SumAll[s[i1, i2], {i1, i2}]\*(3\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][A, i1], {i1}] + 3\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] - 6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}] + 3\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][A, i3], {i1, i2, i3, i4}] + 6\*NNN\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}] - 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3], {i1, i2, i3}]\*SumAll[\[Alpha][B, i1], {i1}] + 6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4], {i1, i2, i3, i4}]\*(-SumAll[\[Alpha][A, i1], {i1}] + SumAll[\[Alpha][B, i1], {i1}]) - 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] + 6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}] - 3\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2], {i1, i2, i3}] - 3\*NNN^2\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][B, i3], {i1, i2, i3, i4}] - 7\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 7\*SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 7\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2 + 3\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 7\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2], {i1, i2}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 6\*NNN\*SumAll[s[i1, i2]\*s[i1, i3], {i1, i2, i3}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] + 7\*SumAll[\[Alpha][i1, i2], {i1, i2}]^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2], {i1, i2, i3}] + 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] + 3\*NNN^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2], {i1, i2}] - 3\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3], {i1, i2, i3}] - 6\*NNN\*SumAll[s[i1, i2]\*\[Alpha][A, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 6\*NNN\*SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 6\*NNN\*SumAll[s[i1, i2]\*\[Alpha][B, i1], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 6\*NNN\*SumAll[s[A, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] + 6\*NNN\*SumAll[s[B, i1]\*\[Alpha][i1, i2], {i1, i2}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3], {i1, i2, i3}] - 3\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] - 3\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 3\*NNN^2\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] + 3\*NNN^2\*SumAll[s[A, i1], {i1}]\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3], {i1, i2, i3}] - 6\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 6\*NNN\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[A, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[s[B, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i3, i1], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 12\*NNN\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 12\*NNN\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][B, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[s[B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i1, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}]) + 9\*NNN^5\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][A, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] - 9\*NNN^5\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][B, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[s[A, i1]\*s[B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 2\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][B, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 2\*NNN^5\*SumAll[\[Alpha][A, i1]\*\[Alpha][B, i2]\*\[Alpha][i3, i1]\*\[Alpha][i4, i2]\*\[Alpha][i4, i3], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i5]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i5]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 24\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 24\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[\[Alpha][A, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[\[Alpha][B, i1], {i1}]\*SumAll[\[Alpha][i1, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][A, i1]\*\[Alpha][i3, i2]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][B, i1]\*\[Alpha][i3, i2]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i2, i1]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[A, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[B, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[\[Alpha][A, i1]\*\[Alpha][i2, i1]\*\[Alpha][i3, i2]\*\[Alpha][i4, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[\[Alpha][B, i1]\*\[Alpha][i2, i1]\*\[Alpha][i3, i2]\*\[Alpha][i4, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][A, i4]\*\[Alpha][i2, i5]\*\[Alpha][i5, i4], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][B, i4]\*\[Alpha][i2, i5]\*\[Alpha][i5, i4], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[s[A, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i5, i4], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[s[B, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i5, i4], {i1, i2, i3, i4, i5}])/(64\*NNN^5)

S::Basic rules::DmFuncYallS: (6)

(12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] + 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] - 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}] + 12\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[a,i1]], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[aab[[b,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[a,i1]], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[aab[[b,i2]]\*aab[[i1,i3]]\*aab[[i3,i4]]\*aab[[i4,i2]]\*sab[[a,i1]], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[aab[[b,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[a,i1]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[a,i1]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] - 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}] + 12\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[b,i1]], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[aab[[a,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[b,i1]], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[aab[[a,i2]]\*aab[[i1,i3]]\*aab[[i3,i4]]\*aab[[i4,i2]]\*sab[[b,i1]], {i1, i2, i3, i4}] - 3\*NNN^6\*SumAll[aab[[a,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[b,i1]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[b,i1]], {i1, i2, i3, i4, i5}] - 28\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]], {i1, i2}] + 44\*SumAll[aab[[i1,i2]], {i1, i2}]^4\*SumAll[sab[[i1,i2]], {i1, i2}] + 28\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 28\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}] - 24\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 96\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 24\*NNN^3\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 24\*NNN^3\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 36\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2\*SumAll[sab[[i1,i2]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 48\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 24\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}]\*SumAll[sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}] - 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]^2 + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}]^2 - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]^2 + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}]^2 + 12\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]^3 - 72\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]], {i1, i2}]^3 - 12\*NNN^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]^3 - 12\*NNN^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]^3 - 48\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}]^3 + 12\*SumAll[sab[[i1,i2]], {i1, i2}]^5 + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 28\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 36\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[b,i4]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 24\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 56\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 24\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 24\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 48\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 72\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[b,i1]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[aab[[a,i1]]\*aab[[b,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] - 16\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[b,i1]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN^6\*SumAll[aab[[a,i1]]\*aab[[b,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] - 6\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 16\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i4,i5]]\*aab[[i5,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i4,i5]]\*aab[[i5,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i3,i5]]\*aab[[i5,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i3,i5]]\*aab[[i5,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*aab[[i3,i4]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] - 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] - 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] + 24\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 28\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 24\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]^3\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 24\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 28\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 24\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]^3\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 24\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 24\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 96\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 24\*NNN^3\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 24\*NNN^3\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 72\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 48\*NNN\*SumAll[sab[[i1,i2]], {i1, i2}]^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 24\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 48\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 36\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i4]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i4]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 48\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^5\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[b,i4]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[a,i4]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 28\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 36\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i3]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[b,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[a,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[b,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[i3,i5]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5, i6}] - 24\*NNN^4\*SumAll[aab[[i3,i5]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5, i6}] - 6\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i3,i1]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i3,i1]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^6\*SumAll[aab[[b,i3]]\*aab[[i4,i1]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^5\*SumAll[aab[[i3,i1]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i3,i1]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 4\*NNN^4\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i3,i1]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[i4,i1]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^5\*SumAll[aab[[i3,i1]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^6\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 48\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[b,i3]]\*aab[[i2,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i2,i5]]\*aab[[i3,i5]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[i2,i3]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[aab[[a,i3]]\*aab[[i2,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[i2,i5]]\*aab[[i3,i5]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[i2,i3]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^6\*SumAll[sab[[a,i1]]\*sab[[b,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] - 4\*NNN\*SumAll[sab[[b,i1]], {i1}]\*(3\*SumAll[aab[[i1,i2]], {i1, i2}]^4 + 3\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}] + 7\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^3\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 + 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}] + 3\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + 3\*SumAll[sab[[i1,i2]], {i1, i2}]^4 - 3\*NNN^4\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 7\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^3\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 6\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 + 3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*(-4\*SumAll[aab[[i1,i2]], {i1, i2}]^2 - NNN^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}] - 3\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + NNN^2\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]) - 3\*NNN^2\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*(SumAll[aab[[i1,i2]], {i1, i2}]^2 + NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]) + 3\*NNN^4\*SumAll[aab[[a,i4]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[a,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^3\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 3\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*(-(NNN\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}]) + NNN\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - NNN\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + NNN\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}]) + 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 3\*NNN^3\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 3\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 3\*NNN^4\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}]) - 4\*NNN\*SumAll[sab[[a,i1]], {i1}]\*(3\*SumAll[aab[[i1,i2]], {i1, i2}]^4 + 3\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}] + 7\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^3\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 + 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] + 3\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}] + 3\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + 3\*SumAll[sab[[i1,i2]], {i1, i2}]^4 - 3\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN^4\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 7\*NNN\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^3\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 6\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 3\*NNN^3\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 + 3\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*(-4\*SumAll[aab[[i1,i2]], {i1, i2}]^2 - NNN^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}] - 3\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + NNN^2\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]) + 3\*NNN^4\*SumAll[aab[[b,i4]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[b,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^3\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 3\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[sab[[i1,i2]], {i1, i2}]\*(-(NNN\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}]) + NNN\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - NNN\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 2\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + NNN\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}]) + NNN\*SumAll[sab[[b,i1]], {i1}]\*(-3\*SumAll[sab[[i1,i2]], {i1, i2}]^3 + SumAll[sab[[i1,i2]], {i1, i2}]\*(7\*SumAll[aab[[i1,i2]], {i1, i2}]^2 + 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 6\*NNN\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]) - 3\*NNN^2\*(SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 2\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}])) + 4\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 3\*NNN^3\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 3\*NNN^3\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 3\*NNN^4\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}]) - 12\*NNN^5\*SumAll[aab[[a,i4]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[aab[[b,i4]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[a,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[b,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[i2,i6]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^4\*SumAll[aab[[i2,i4]]\*aab[[i3,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] + 24\*NNN^4\*SumAll[aab[[i2,i6]]\*aab[[i4,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] - 24\*NNN^4\*SumAll[aab[[i2,i4]]\*aab[[i5,i6]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^5\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^5\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]]\*sab[[i4,i6]], {i1, i2, i3, i4, i5, i6}] + 12\*NNN^4\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]]\*sab[[i5,i6]], {i1, i2, i3, i4, i5, i6}])/(64\*NNN^6)

A::Basic rules::DmFuncYallA: (6)

-(12\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^4 - 12\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^4 - 12\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}] + 12\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}] + 28\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] - 28\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 - 12\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]^2 - 4\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + 4\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] - 4\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] + 4\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] + 16\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] - 16\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]], {i1, i2, i3, i4}] - 2\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i3,i2]]\*aab[[i3,i4]], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i3,i2]]\*aab[[i3,i4]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i3,i2]]\*aab[[i3,i4]], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i3,i2]]\*aab[[i3,i4]], {i1, i2, i3, i4}] - 2\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i1]], {i1, i2, i3, i4}] + 2\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i2]]\*aab[[i1,i3]]\*aab[[i3,i4]]\*aab[[i4,i2]], {i1, i2, i3, i4}] - 2\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i2]]\*aab[[i3,i1]]\*aab[[i3,i4]]\*aab[[i4,i2]], {i1, i2, i3, i4}] + 2\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]], {i1, i2, i3, i4}] + 2\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i2]]\*aab[[i3,i1]]\*aab[[i4,i2]]\*aab[[i4,i3]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i3,i2]]\*aab[[i4,i3]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i3,i2]]\*aab[[i4,i3]]\*aab[[i4,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[b,i1]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[b,i2]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[a,i1]]\*sab[[b,i2]], {i1, i2, i3, i4}] + 12\*(SumAll[aab[[a,i1]], {i1}] - SumAll[aab[[b,i1]], {i1}])\*SumAll[sab[[i1,i2]], {i1, i2}]^4 - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN\*SumAll[sab[[i1,i2]], {i1, i2}]^3\*(-(SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]], {i1}]) + SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] - SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]) + 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 24\*NNN^3\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 24\*NNN^3\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 24\*NNN^3\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 3\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 9\*NNN^5\*SumAll[aab[[b,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] - 12\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^4\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 3\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i2,i4]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 9\*NNN^5\*SumAll[aab[[a,i3]]\*aab[[i2,i4]]\*aab[[i4,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[i2,i3]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3, i4, i5}] + 28\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 28\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 24\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 24\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 - 12\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]^2 - 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 12\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i4]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i4]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[a,i4]]\*aab[[b,i2]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[a,i2]]\*aab[[b,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[a,i4]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[b,i4]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 24\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 24\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i2,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[a,i2]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[b,i2]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[a,i4]]\*aab[[i2,i5]]\*aab[[i5,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[b,i4]]\*aab[[i2,i5]]\*aab[[i5,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3, i4, i5}] + 4\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 4\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i1]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i2,i1]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i1]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i1]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i1]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[b,i4]]\*aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[b,i2]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i2,i1]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i1]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[b,i4]]\*aab[[i2,i1]]\*aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i2,i1]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i5,i4]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] - 4\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 4\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i1]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i2,i1]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i1]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i1]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 6\*NNN^3\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i2,i1]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + 6\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*(-8\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2 + 8\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2 + 2\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}] - 2\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}] - 6\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] + 6\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] - NNN^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + NNN^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + NNN^2\*SumAll[aab[[a,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] - NNN^2\*SumAll[aab[[b,i1]]\*aab[[i2,i1]]\*aab[[i2,i3]], {i1, i2, i3}] - 2\*NNN^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] - 2\*NNN^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 2\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 2\*NNN^2\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 2\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 2\*NNN^2\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 6\*NNN\*(-SumAll[aab[[a,i1]], {i1}] + SumAll[aab[[b,i1]], {i1}])\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 2\*NNN^2\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 2\*NNN^2\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + NNN^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - NNN^2\*SumAll[aab[[i2,i1]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - NNN^2\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] + NNN^2\*SumAll[aab[[i2,i1]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}]) + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[a,i4]]\*aab[[i1,i2]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[a,i2]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i2,i1]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i2,i1]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[a,i4]]\*aab[[i2,i1]]\*aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i4]]\*aab[[i3,i5]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i2]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i2,i1]]\*aab[[i3,i4]]\*aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i1,i4]]\*aab[[i2,i5]]\*aab[[i5,i4]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[i3,i4]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 6\*NNN^5\*SumAll[aab[[i4,i3]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i3,i1]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 16\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 16\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 6\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 6\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[a,i5]]\*aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[b,i5]]\*aab[[i1,i3]]\*aab[[i2,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i3,i2]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*aab[[i3,i2]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 6\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i3,i2]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 4\*NNN^3\*SumAll[aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*aab[[i3,i2]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i2,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i2,i5]]\*aab[[i3,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^5\*SumAll[aab[[a,i1]]\*aab[[b,i3]]\*aab[[i4,i2]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[a,i5]]\*aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[b,i5]]\*aab[[i1,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[a,i1]]\*aab[[i3,i2]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[b,i1]]\*aab[[i3,i2]]\*aab[[i4,i5]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 2\*NNN\*SumAll[sab[[b,i1]], {i1}]\*(-6\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]], {i1, i2}]^3 + 6\*NNN\*SumAll[sab[[i1,i2]], {i1, i2}]^2\*(SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] + SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]) - 2\*SumAll[sab[[i1,i2]], {i1, i2}]\*(-7\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2 - 6\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]], {i1, i2, i3}] - 6\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[a,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]]\*sab[[i2,i3]], {i1, i2, i3}]) + 3\*NNN\*(-2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] - 2\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] - 2\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[a,i1]], {i1, i2, i3, i4}] - 2\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 2\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 2\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 2\*NNN^2\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 4\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + NNN^2\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 2\*NNN^2\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - NNN^2\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 2\*NNN\*(SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] + SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}])\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 2\*NNN^2\*SumAll[aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] - 2\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 2\*NNN^2\*SumAll[aab[[a,i3]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 2\*NNN^2\*SumAll[aab[[i3,i1]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 2\*NNN^2\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}])) - 12\*NNN^4\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 4\*NNN\*SumAll[sab[[i1,i2]], {i1, i2}]\*(7\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[sab[[a,i1]], {i1}] + 6\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]], {i1}] + 3\*NNN^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]]\*aab[[i2,i3]], {i1, i2, i3}]\*SumAll[sab[[a,i1]], {i1}] - 7\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] - 3\*NNN^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] - 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}] + 3\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[a,i1]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[a,i1]], {i1, i2, i3, i4}] + 7\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + 3\*NNN^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] + 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}] - 3\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*sab[[b,i1]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[i1,i2]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[b,i1]], {i1, i2, i3, i4}] - 7\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN^2\*SumAll[aab[[b,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 7\*SumAll[aab[[i1,i2]], {i1, i2}]^2\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 3\*NNN^2\*SumAll[aab[[a,i1]]\*aab[[i1,i2]], {i1, i2}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 6\*NNN\*SumAll[aab[[i1,i2]]\*aab[[i1,i3]], {i1, i2, i3}]\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*sab[[i1,i2]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*sab[[i1,i2]], {i1, i2, i3}] - 6\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 6\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[a,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[b,i3]]\*aab[[i1,i3]]\*aab[[i2,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 12\*NNN\*SumAll[aab[[a,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 12\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[aab[[i1,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[a,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[b,i1]]\*aab[[i2,i3]]\*aab[[i3,i4]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[a,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[b,i3]]\*aab[[i1,i4]]\*aab[[i4,i3]]\*sab[[i1,i2]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN^2\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]], {i1, i2}] + 3\*NNN^2\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] + 3\*NNN^2\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]], {i1, i2}] - 3\*NNN^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]], {i1, i2, i3}] + 6\*NNN\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 6\*NNN\*SumAll[aab[[i1,i2]]\*sab[[a,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 6\*NNN\*SumAll[aab[[i1,i2]]\*sab[[b,i1]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 6\*NNN\*SumAll[aab[[a,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] + 6\*NNN\*SumAll[aab[[b,i1]]\*sab[[i1,i2]], {i1, i2}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[b,i2]]\*sab[[i1,i2]]\*sab[[i1,i3]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[sab[[a,i1]], {i1}]\*SumAll[aab[[i1,i2]]\*sab[[b,i1]]\*sab[[i2,i3]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] + 3\*NNN^2\*SumAll[aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3}] - 3\*NNN^2\*SumAll[aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]], {i1, i2, i3, i4}] + 6\*NNN\*(-SumAll[aab[[a,i1]], {i1}] + SumAll[aab[[b,i1]], {i1}])\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[a,i3]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[b,i3]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[i3,i1]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[i3,i1]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]], {i1, i2, i3, i4}] + 3\*NNN^2\*SumAll[aab[[i2,i3]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 3\*NNN^2\*SumAll[aab[[i2,i3]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]], {i1, i2, i3, i4}]) - 12\*NNN^5\*SumAll[aab[[i4,i2]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i1,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[i4,i1]]\*sab[[a,i1]]\*sab[[b,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^5\*SumAll[aab[[b,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] + 12\*NNN^4\*SumAll[aab[[i4,i5]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^5\*SumAll[aab[[a,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4}] - 12\*NNN^4\*SumAll[aab[[i4,i5]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i3,i4]], {i1, i2, i3, i4, i5}] - 12\*NNN^3\*SumAll[aab[[a,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^3\*SumAll[aab[[b,i1]], {i1}]\*SumAll[sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[a,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[b,i4]]\*sab[[i1,i2]]\*sab[[i1,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[i4,i1]]\*sab[[a,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[i4,i1]]\*sab[[b,i1]]\*sab[[i2,i3]]\*sab[[i2,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i2,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i4,i2]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] - 6\*NNN^4\*SumAll[aab[[i2,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 6\*NNN^4\*SumAll[aab[[i4,i2]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i3,i4]]\*sab[[i3,i5]], {i1, i2, i3, i4, i5}] + 12\*NNN^4\*SumAll[aab[[i3,i4]]\*sab[[a,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}] - 12\*NNN^4\*SumAll[aab[[i3,i4]]\*sab[[b,i1]]\*sab[[i1,i2]]\*sab[[i2,i3]]\*sab[[i4,i5]], {i1, i2, i3, i4, i5}])/(64\*NNN^5)

S::DmFuncYallS: (6)

(3\*(3\*NNN^2\*SumA12A13^2\*SumS12 + 2\*NNN^3\*SumA12A13A24A45\*SumS12 - 4\*NNN\*SumA12A13\*SumS12^3 + SumS12^5 - 2\*NNN^3\*SumA12A13\*SumS12A13A24 + 3\*NNN^2\*SumS12^2\*SumS12A13A24 - NNN^4\*SumS12A13A24A35A56 - NNN^4\*SumS12A13A24A45A56 + NNN^4\*SumS12A13A25A34A56 + 4\*NNN^3\*SumA12A13\*SumS12A13A34 - 6\*NNN^2\*SumS12^2\*SumS12A13A34 + 2\*NNN^4\*SumS12A13A34A45A56 + 6\*NNN^2\*SumA12A13\*SumS12\*SumS12S13 - 4\*NNN\*SumS12^3\*SumS12S13 - 2\*NNN^3\*SumS12A13A24\*SumS12S13 + 4\*NNN^3\*SumS12A13A34\*SumS12S13 + 3\*NNN^2\*SumS12\*SumS12S13^2 - 2\*NNN^3\*SumS12\*SumS12S13A24A35 + 4\*NNN^3\*SumS12\*SumS12S13A24A45 - 2\*NNN^3\*SumA12A13\*SumS12S13S24 + 3\*NNN^2\*SumS12^2\*SumS12S13S24 - 2\*NNN^3\*SumS12S13\*SumS12S13S24 + NNN^4\*SumS12S13S24A35A46 - 2\*NNN^4\*SumS12S13S24A35A56 + NNN^4\*SumS12S13S24S35S46 + NNN^4\*SumS12S13S45A24A36 - 2\*NNN^4\*SumS12S13S45A24A56 + NNN^4\*SumS12S13S45A26A34 + 2\*NNN^4\*SumS12S13S45A26A46 - 2\*NNN^3\*SumS12\*SumS12S34A13A25 + 2\*NNN^3\*SumS12\*SumS12S34A13A45 - 2\*NNN^3\*SumS12\*SumS12S34A15A35 + NNN^4\*SumS12S34S56A13A25 - 2\*NNN^3\*SumS12\*SumSp4 + 2\*NNN^3\*SumA12A13\*SumS12\*SumAx1A12[[b]] - NNN^2\*SumS12^3\*SumAx1A12[[b]] - NNN^4\*SumS12A13A24\*SumAx1A12[[b]] + 2\*NNN^4\*SumS12A13A34\*SumAx1A12[[b]] + 2\*NNN^3\*SumS12\*SumS12S13\*SumAx1A12[[b]] - NNN^4\*SumS12S13S24\*SumAx1A12[[b]] - NNN^4\*SumS12\*SumAx1[[b]]\*SumAx1A12A23[[a]] + NNN^4\*SumS12\*SumAx1A12A23A34[[a]] + NNN^4\*SumS12\*SumAx1A12A23A34[[b]] + NNN^4\*SumA12A13\*SumAx1[[b]]\*SumS12Ax1[[a]] - NNN^3\*SumS12^2\*SumAx1[[b]]\*SumS12Ax1[[a]] + NNN^4\*SumS12S13\*SumAx1[[b]]\*SumS12Ax1[[a]] + NNN^5\*SumAx1A12A23[[b]]\*SumS12Ax1[[a]] + NNN^5\*SumAx1A12A23[[a]]\*SumS12Ax1[[b]] + NNN^4\*SumS12\*SumS12Ax1[[a]]\*SumS12Ax1[[b]] - NNN^4\*SumA12A13\*SumS12Ax1A23[[a]] + NNN^3\*SumS12^2\*SumS12Ax1A23[[a]] - NNN^4\*SumS12S13\*SumS12Ax1A23[[a]] - NNN^5\*SumAx1A12[[b]]\*SumS12Ax1A23[[a]] - NNN^4\*SumA12A13\*SumS12Ax1A23[[b]] + NNN^3\*SumS12^2\*SumS12Ax1A23[[b]] - NNN^4\*SumS12S13\*SumS12Ax1A23[[b]] + NNN^5\*SumAx1[[b]]\*SumS12Ax1A23A34[[a]] + NNN^4\*SumA12A13\*SumS12Ax3A13[[a]] - NNN^3\*SumS12^2\*SumS12Ax3A13[[a]] + NNN^4\*SumS12S13\*SumS12Ax3A13[[a]] + NNN^5\*SumAx1A12[[b]]\*SumS12Ax3A13[[a]] + NNN^4\*SumA12A13\*SumS12Ax3A13[[b]] - NNN^3\*SumS12^2\*SumS12Ax3A13[[b]] + NNN^4\*SumS12S13\*SumS12Ax3A13[[b]] - NNN^5\*SumAx1[[b]]\*SumS12Ax3A13A24[[a]] - NNN^5\*SumAx1[[b]]\*SumS12Ax3A14A34[[a]] + NNN^4\*SumS12\*SumAx1[[b]]\*SumS12S13Ax2[[a]] - NNN^5\*SumS12Ax1[[b]]\*SumS12S13Ax2[[a]] - NNN^5\*SumS12Ax1[[a]]\*SumS12S13Ax2[[b]] - NNN^4\*SumS12\*SumS12S13Ax2A34[[a]] - NNN^4\*SumS12\*SumS12S13Ax2A34[[b]] + NNN^4\*SumS12\*SumS12S13Ax4A24[[a]] + NNN^4\*SumS12\*SumS12S13Ax4A24[[b]] - NNN^5\*SumAx1[[b]]\*SumS12S13S24Ax3[[a]] - NNN^4\*SumS12\*SumS12S34Ax1A23[[a]] - NNN^4\*SumS12\*SumS12S34Ax1A23[[b]] - NNN^3\*SumA12A13^2\*SumSx1[[a]] - NNN^4\*SumA12A13A24A45\*SumSx1[[a]] + 3\*NNN^2\*SumA12A13\*SumS12^2\*SumSx1[[a]] - NNN\*SumS12^4\*SumSx1[[a]] - 2\*NNN^3\*SumS12\*SumS12A13A24\*SumSx1[[a]] + 4\*NNN^3\*SumS12\*SumS12A13A34\*SumSx1[[a]] - 2\*NNN^3\*SumA12A13\*SumS12S13\*SumSx1[[a]] + 3\*NNN^2\*SumS12^2\*SumS12S13\*SumSx1[[a]] - NNN^3\*SumS12S13^2\*SumSx1[[a]] + NNN^4\*SumS12S13A24A35\*SumSx1[[a]] - 2\*NNN^4\*SumS12S13A24A45\*SumSx1[[a]] - 2\*NNN^3\*SumS12\*SumS12S13S24\*SumSx1[[a]] + NNN^4\*SumS12S34A13A25\*SumSx1[[a]] - NNN^4\*SumS12S34A13A45\*SumSx1[[a]] + NNN^4\*SumS12S34A15A35\*SumSx1[[a]] + NNN^4\*SumSp4\*SumSx1[[a]] - NNN^4\*SumA12A13\*SumAx1A12[[b]]\*SumSx1[[a]] + NNN^3\*SumS12^2\*SumAx1A12[[b]]\*SumSx1[[a]] - NNN^4\*SumS12S13\*SumAx1A12[[b]]\*SumSx1[[a]] - NNN^5\*SumAx1A12A23A34[[b]]\*SumSx1[[a]] - NNN^4\*SumS12\*SumS12Ax1A23[[b]]\*SumSx1[[a]] + NNN^4\*SumS12\*SumS12Ax3A13[[b]]\*SumSx1[[a]] + NNN^5\*SumS12S13Ax2A34[[b]]\*SumSx1[[a]] - NNN^5\*SumS12S13Ax4A24[[b]]\*SumSx1[[a]] + NNN^5\*SumS12S34Ax1A23[[b]]\*SumSx1[[a]] - NNN^3\*SumA12A13^2\*SumSx1[[b]] - NNN^4\*SumA12A13A24A45\*SumSx1[[b]] + 3\*NNN^2\*SumA12A13\*SumS12^2\*SumSx1[[b]] - NNN\*SumS12^4\*SumSx1[[b]] - 2\*NNN^3\*SumS12\*SumS12A13A24\*SumSx1[[b]] + 4\*NNN^3\*SumS12\*SumS12A13A34\*SumSx1[[b]] - 2\*NNN^3\*SumA12A13\*SumS12S13\*SumSx1[[b]] + 3\*NNN^2\*SumS12^2\*SumS12S13\*SumSx1[[b]] - NNN^3\*SumS12S13^2\*SumSx1[[b]] + NNN^4\*SumS12S13A24A35\*SumSx1[[b]] - 2\*NNN^4\*SumS12S13A24A45\*SumSx1[[b]] - 2\*NNN^3\*SumS12\*SumS12S13S24\*SumSx1[[b]] + NNN^4\*SumS12S34A13A25\*SumSx1[[b]] - NNN^4\*SumS12S34A13A45\*SumSx1[[b]] + NNN^4\*SumS12S34A15A35\*SumSx1[[b]] + NNN^4\*SumSp4\*SumSx1[[b]] - NNN^5\*SumAx1A12A23A34[[a]]\*SumSx1[[b]] - NNN^4\*SumS12\*SumS12Ax1A23[[a]]\*SumSx1[[b]] + NNN^4\*SumS12\*SumS12Ax3A13[[a]]\*SumSx1[[b]] + NNN^5\*SumS12S13Ax2A34[[a]]\*SumSx1[[b]] - NNN^5\*SumS12S13Ax4A24[[a]]\*SumSx1[[b]] + NNN^5\*SumS12S34Ax1A23[[a]]\*SumSx1[[b]] - 2\*NNN^3\*SumA12A13\*SumS12\*SumSx1[[a]]\*SumSx1[[b]] + NNN^2\*SumS12^3\*SumSx1[[a]]\*SumSx1[[b]] + NNN^4\*SumS12A13A24\*SumSx1[[a]]\*SumSx1[[b]] - 2\*NNN^4\*SumS12A13A34\*SumSx1[[a]]\*SumSx1[[b]] - 2\*NNN^3\*SumS12\*SumS12S13\*SumSx1[[a]]\*SumSx1[[b]] + NNN^4\*SumS12S13S24\*SumSx1[[a]]\*SumSx1[[b]] + NNN^4\*SumA12A13\*SumAx1[[b]]\*SumSx1A12[[a]] - NNN^3\*SumS12^2\*SumAx1[[b]]\*SumSx1A12[[a]] + NNN^4\*SumS12S13\*SumAx1[[b]]\*SumSx1A12[[a]] + NNN^5\*SumAx1A12A23[[b]]\*SumSx1A12[[a]] + NNN^4\*SumS12\*SumS12Ax1[[b]]\*SumSx1A12[[a]] - NNN^5\*SumS12S13Ax2[[b]]\*SumSx1A12[[a]] + NNN^5\*SumAx1A12A23[[a]]\*SumSx1A12[[b]] + NNN^4\*SumS12\*SumS12Ax1[[a]]\*SumSx1A12[[b]] - NNN^5\*SumS12S13Ax2[[a]]\*SumSx1A12[[b]] + NNN^4\*SumS12\*SumSx1A12[[a]]\*SumSx1A12[[b]] - NNN^4\*SumA12A13\*SumSx1A12A23[[a]] + NNN^3\*SumS12^2\*SumSx1A12A23[[a]] - NNN^4\*SumS12S13\*SumSx1A12A23[[a]] - NNN^5\*SumAx1A12[[b]]\*SumSx1A12A23[[a]] - NNN^4\*SumS12\*SumSx1[[b]]\*SumSx1A12A23[[a]] - NNN^4\*SumA12A13\*SumSx1A12A23[[b]] + NNN^3\*SumS12^2\*SumSx1A12A23[[b]] - NNN^4\*SumS12S13\*SumSx1A12A23[[b]] - NNN^4\*SumS12\*SumSx1[[a]]\*SumSx1A12A23[[b]] + NNN^5\*SumAx1[[b]]\*SumSx1A12A23A34[[a]] - 2\*NNN^3\*SumA12A13\*SumS12\*SumSx1S12[[a]] + NNN^2\*SumS12^3\*SumSx1S12[[a]] + NNN^4\*SumS12A13A24\*SumSx1S12[[a]] - 2\*NNN^4\*SumS12A13A34\*SumSx1S12[[a]] - 2\*NNN^3\*SumS12\*SumS12S13\*SumSx1S12[[a]] + NNN^4\*SumS12S13S24\*SumSx1S12[[a]] - NNN^4\*SumS12\*SumAx1A12[[b]]\*SumSx1S12[[a]] + NNN^5\*SumS12Ax1A23[[b]]\*SumSx1S12[[a]] - NNN^5\*SumS12Ax3A13[[b]]\*SumSx1S12[[a]] + NNN^4\*SumA12A13\*SumSx1[[b]]\*SumSx1S12[[a]] - NNN^3\*SumS12^2\*SumSx1[[b]]\*SumSx1S12[[a]] + NNN^4\*SumS12S13\*SumSx1[[b]]\*SumSx1S12[[a]] + NNN^5\*SumSx1A12A23[[b]]\*SumSx1S12[[a]] - 2\*NNN^3\*SumA12A13\*SumS12\*SumSx1S12[[b]] + NNN^2\*SumS12^3\*SumSx1S12[[b]] + NNN^4\*SumS12A13A24\*SumSx1S12[[b]] - 2\*NNN^4\*SumS12A13A34\*SumSx1S12[[b]] - 2\*NNN^3\*SumS12\*SumS12S13\*SumSx1S12[[b]] + NNN^4\*SumS12S13S24\*SumSx1S12[[b]] + NNN^5\*SumS12Ax1A23[[a]]\*SumSx1S12[[b]] - NNN^5\*SumS12Ax3A13[[a]]\*SumSx1S12[[b]] + NNN^4\*SumA12A13\*SumSx1[[a]]\*SumSx1S12[[b]] - NNN^3\*SumS12^2\*SumSx1[[a]]\*SumSx1S12[[b]] + NNN^4\*SumS12S13\*SumSx1[[a]]\*SumSx1S12[[b]] + NNN^5\*SumSx1A12A23[[a]]\*SumSx1S12[[b]] + NNN^4\*SumS12\*SumSx1S12[[a]]\*SumSx1S12[[b]] + NNN^4\*SumS12\*SumAx1[[b]]\*SumSx1S12A23[[a]] - NNN^5\*SumS12Ax1[[b]]\*SumSx1S12A23[[a]] - NNN^5\*SumSx1A12[[b]]\*SumSx1S12A23[[a]] - NNN^5\*SumS12Ax1[[a]]\*SumSx1S12A23[[b]] - NNN^5\*SumSx1A12[[a]]\*SumSx1S12A23[[b]] - NNN^4\*SumS12\*SumSx1S12A23A34[[a]] + NNN^5\*SumSx1[[b]]\*SumSx1S12A23A34[[a]] - NNN^4\*SumS12\*SumSx1S12A23A34[[b]] + NNN^5\*SumSx1[[a]]\*SumSx1S12A23A34[[b]] + NNN^4\*SumA12A13\*SumSx1S12S23[[a]] - NNN^3\*SumS12^2\*SumSx1S12S23[[a]] + NNN^4\*SumS12S13\*SumSx1S12S23[[a]] + NNN^5\*SumAx1A12[[b]]\*SumSx1S12S23[[a]] + NNN^4\*SumS12\*SumSx1[[b]]\*SumSx1S12S23[[a]] - NNN^5\*SumSx1S12[[b]]\*SumSx1S12S23[[a]] + NNN^4\*SumA12A13\*SumSx1S12S23[[b]] - NNN^3\*SumS12^2\*SumSx1S12S23[[b]] + NNN^4\*SumS12S13\*SumSx1S12S23[[b]] + NNN^4\*SumS12\*SumSx1[[a]]\*SumSx1S12S23[[b]] - NNN^5\*SumSx1S12[[a]]\*SumSx1S12S23[[b]] - NNN^2\*SumAx1A12[[a]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[b]] + NNN^3\*SumS12Ax1A23[[b]] - NNN^3\*SumS12Ax3A13[[b]] + NNN^2\*SumA12A13\*SumSx1[[b]] - NNN\*SumS12^2\*SumSx1[[b]] + NNN^2\*SumS12S13\*SumSx1[[b]] + NNN^3\*SumSx1A12A23[[b]] + NNN^2\*SumS12\*SumSx1S12[[b]] - NNN^3\*SumSx1S12S23[[b]]) - NNN^5\*SumAx1[[b]]\*SumSx1S12S23A34[[a]] + NNN^4\*SumS12\*SumSx1S12S23S34[[a]] - NNN^5\*SumSx1[[b]]\*SumSx1S12S23S34[[a]] + NNN^4\*SumS12\*SumSx1S12S23S34[[b]] - NNN^5\*SumSx1[[a]]\*SumSx1S12S23S34[[b]] - NNN^5\*SumAx1[[b]]\*SumSx1S12S34A23[[a]] + NNN^4\*SumS12\*SumAx1[[b]]\*SumSx1S23A12[[a]] - NNN^5\*SumS12Ax1[[b]]\*SumSx1S23A12[[a]] - NNN^5\*SumSx1A12[[b]]\*SumSx1S23A12[[a]] - NNN^5\*SumS12Ax1[[a]]\*SumSx1S23A12[[b]] - NNN^5\*SumSx1A12[[a]]\*SumSx1S23A12[[b]] - NNN^4\*SumS12\*SumSx1S23A12A34[[a]] + NNN^5\*SumSx1[[b]]\*SumSx1S23A12A34[[a]] - NNN^4\*SumS12\*SumSx1S23A12A34[[b]] + NNN^5\*SumSx1[[a]]\*SumSx1S23A12A34[[b]] + NNN^4\*SumS12\*SumSx1S23A14A24[[a]] - NNN^5\*SumSx1[[b]]\*SumSx1S23A14A24[[a]] + NNN^4\*SumS12\*SumSx1S23A14A24[[b]] - NNN^5\*SumSx1[[a]]\*SumSx1S23A14A24[[b]] - NNN^5\*SumAx1[[b]]\*SumSx1S23S24A13[[a]] + NNN^2\*SumAx1[[a]]\*((SumS12^3 - 2\*NNN\*SumS12\*(SumA12A13 + SumS12S13) + NNN^2\*(SumS12A13A24 - 2\*SumS12A13A34 + SumS12S13S24))\*SumAx1[[b]] + NNN\*(-(NNN\*SumS12\*SumAx1A12A23[[b]]) + (-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumS12Ax1[[b]] + NNN^2\*SumS12Ax1A23A34[[b]] - NNN^2\*SumS12Ax3A13A24[[b]] - NNN^2\*SumS12Ax3A14A34[[b]] + NNN\*SumS12\*SumS12S13Ax2[[b]] - NNN^2\*SumS12S13S24Ax3[[b]] + NNN\*SumA12A13\*SumSx1A12[[b]] - SumS12^2\*SumSx1A12[[b]] + NNN\*SumS12S13\*SumSx1A12[[b]] + NNN^2\*SumSx1A12A23A34[[b]] + NNN\*SumS12\*SumSx1S12A23[[b]] - NNN^2\*SumSx1S12S23A34[[b]] - NNN^2\*SumSx1S12S34A23[[b]] + NNN\*SumS12\*SumSx1S23A12[[b]] - NNN^2\*SumSx1S23S24A13[[b]])) + NNN^6\*SumAll[s[a, i1]\*s[b, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i4], {i1, i2, i3, i4}] - NNN^5\*SumAll[s[a, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*s[i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[b, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*s[i4, i5], {i1, i2, i3, i4, i5}] + NNN^6\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][a, i3]\*\[Alpha][b, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[b, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][a, i3]\*\[Alpha][i1, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[a, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][b, i3]\*\[Alpha][i1, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[b, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][a, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[a, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][b, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[a, i1]\*s[b, i2]\*s[i3, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[i1, i2]\*\[Alpha][a, i3]\*\[Alpha][b, i4]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][a, i4]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][b, i4]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][a, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + NNN^6\*SumAll[s[b, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][a, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i4, i5]\*\[Alpha][b, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + NNN^6\*SumAll[s[a, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][b, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^5\*SumAll[s[a, i1]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[b, i1]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + NNN^6\*SumAll[s[a, i1]\*s[b, i2]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[a, i1]\*s[b, i2]\*s[i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[i1, i2]\*\[Alpha][a, i3]\*\[Alpha][b, i1]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[i1, i2]\*\[Alpha][a, i1]\*\[Alpha][b, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[b, i1]\*\[Alpha][a, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^6\*SumAll[s[a, i1]\*\[Alpha][b, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + NNN^5\*SumAll[s[i1, i2]\*\[Alpha][a, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[i1, i2]\*\[Alpha][b, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][a, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][b, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[a, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[b, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[a, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[b, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][a, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][b, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[a, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[b, i1]\*s[i2, i3]\*s[i2, i4]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[a, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[b, i1]\*s[i1, i2]\*s[i3, i4]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[i1, i2]\*\[Alpha][a, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[i1, i2]\*\[Alpha][b, i3]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[a, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^5\*SumAll[s[b, i1]\*s[i1, i2]\*s[i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*\[Alpha][a, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*\[Alpha][b, i1]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[a, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[b, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*\[Alpha][a, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^5\*SumAll[s[i1, i2]\*\[Alpha][b, i3]\*\[Alpha][i1, i4]\*\[Alpha][i3, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}]))/(16\*NNN^6)

A::DmFuncYallA: (6)

(3\*(2\*SumAx1[[b]]\*(NNN^2\*SumA12A13^2 + NNN^3\*SumA12A13A24A45 - 3\*NNN\*SumA12A13\*SumS12^2 + SumS12^4 + 2\*NNN^2\*SumS12\*SumS12A13A24 - 4\*NNN^2\*SumS12\*SumS12A13A34 + 2\*NNN^2\*SumA12A13\*SumS12S13 - 3\*NNN\*SumS12^2\*SumS12S13 + NNN^2\*SumS12S13^2 - NNN^3\*SumS12S13A24A35 + 2\*NNN^3\*SumS12S13A24A45 + 2\*NNN^2\*SumS12\*SumS12S13S24 - NNN^3\*SumS12S34A13A25 + NNN^3\*SumS12S34A13A45 - NNN^3\*SumS12S34A15A35 - NNN^3\*SumSp4 + NNN^2\*(-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumAx1A12[[a]] + NNN^4\*SumAx1A12A23A34[[a]] + NNN^3\*SumS12\*SumS12Ax1A23[[a]] - NNN^3\*SumS12\*SumS12Ax3A13[[a]] - NNN^4\*SumS12S13Ax2A34[[a]] + NNN^4\*SumS12S13Ax4A24[[a]] - NNN^4\*SumS12S34Ax1A23[[a]] + 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[a]] - NNN\*SumS12^3\*SumSx1[[a]] - NNN^3\*SumS12A13A24\*SumSx1[[a]] + 2\*NNN^3\*SumS12A13A34\*SumSx1[[a]] + 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[a]] - NNN^3\*SumS12S13S24\*SumSx1[[a]] + NNN^3\*SumS12\*SumSx1A12A23[[a]] - NNN^3\*SumA12A13\*SumSx1S12[[a]] + NNN^2\*SumS12^2\*SumSx1S12[[a]] - NNN^3\*SumS12S13\*SumSx1S12[[a]] - NNN^4\*SumSx1S12A23A34[[a]] - NNN^3\*SumS12\*SumSx1S12S23[[a]] + NNN^4\*SumSx1S12S23S34[[a]] - NNN^4\*SumSx1S23A12A34[[a]] + NNN^4\*SumSx1S23A14A24[[a]]) - 2\*SumAx1[[a]]\*(NNN^2\*SumA12A13^2 + NNN^3\*SumA12A13A24A45 - 3\*NNN\*SumA12A13\*SumS12^2 + SumS12^4 + 2\*NNN^2\*SumS12\*SumS12A13A24 - 4\*NNN^2\*SumS12\*SumS12A13A34 + 2\*NNN^2\*SumA12A13\*SumS12S13 - 3\*NNN\*SumS12^2\*SumS12S13 + NNN^2\*SumS12S13^2 - NNN^3\*SumS12S13A24A35 + 2\*NNN^3\*SumS12S13A24A45 + 2\*NNN^2\*SumS12\*SumS12S13S24 - NNN^3\*SumS12S34A13A25 + NNN^3\*SumS12S34A13A45 - NNN^3\*SumS12S34A15A35 - NNN^3\*SumSp4 + NNN^2\*(-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumAx1A12[[b]] + NNN^4\*SumAx1A12A23A34[[b]] + NNN^3\*SumS12\*SumS12Ax1A23[[b]] - NNN^3\*SumS12\*SumS12Ax3A13[[b]] - NNN^4\*SumS12S13Ax2A34[[b]] + NNN^4\*SumS12S13Ax4A24[[b]] - NNN^4\*SumS12S34Ax1A23[[b]] + 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[b]] - NNN\*SumS12^3\*SumSx1[[b]] - NNN^3\*SumS12A13A24\*SumSx1[[b]] + 2\*NNN^3\*SumS12A13A34\*SumSx1[[b]] + 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[b]] - NNN^3\*SumS12S13S24\*SumSx1[[b]] + NNN^3\*SumS12\*SumSx1A12A23[[b]] - NNN^3\*SumA12A13\*SumSx1S12[[b]] + NNN^2\*SumS12^2\*SumSx1S12[[b]] - NNN^3\*SumS12S13\*SumSx1S12[[b]] - NNN^4\*SumSx1S12A23A34[[b]] - NNN^3\*SumS12\*SumSx1S12S23[[b]] + NNN^4\*SumSx1S12S23S34[[b]] - NNN^4\*SumSx1S23A12A34[[b]] + NNN^4\*SumSx1S23A14A24[[b]]) + NNN\*(-4\*NNN\*SumA12A13\*SumS12\*SumS12Ax1[[a]] + 2\*SumS12^3\*SumS12Ax1[[a]] + 2\*NNN^2\*SumS12A13A24\*SumS12Ax1[[a]] - 4\*NNN^2\*SumS12A13A34\*SumS12Ax1[[a]] - 4\*NNN\*SumS12\*SumS12S13\*SumS12Ax1[[a]] + 2\*NNN^2\*SumS12S13S24\*SumS12Ax1[[a]] - 2\*NNN^2\*SumS12\*SumAx1A12[[b]]\*SumS12Ax1[[a]] + 4\*NNN\*SumA12A13\*SumS12\*SumS12Ax1[[b]] - 2\*SumS12^3\*SumS12Ax1[[b]] - 2\*NNN^2\*SumS12A13A24\*SumS12Ax1[[b]] + 4\*NNN^2\*SumS12A13A34\*SumS12Ax1[[b]] + 4\*NNN\*SumS12\*SumS12S13\*SumS12Ax1[[b]] - 2\*NNN^2\*SumS12S13S24\*SumS12Ax1[[b]] + 2\*NNN^2\*SumS12\*SumAx1A12[[a]]\*SumS12Ax1[[b]] - 2\*NNN^3\*SumS12Ax1[[b]]\*SumS12Ax1A23[[a]] + 2\*NNN^3\*SumS12Ax1[[a]]\*SumS12Ax1A23[[b]] - 2\*NNN^2\*SumS12\*SumS12Ax1A23A34[[a]] + 2\*NNN^2\*SumS12\*SumS12Ax1A23A34[[b]] + 2\*NNN^3\*SumS12Ax1[[b]]\*SumS12Ax3A13[[a]] - 2\*NNN^3\*SumS12Ax1[[a]]\*SumS12Ax3A13[[b]] + 2\*NNN^2\*SumS12\*SumS12Ax3A13A24[[a]] - 2\*NNN^2\*SumS12\*SumS12Ax3A13A24[[b]] + 2\*NNN^2\*SumS12\*SumS12Ax3A14A34[[a]] - 2\*NNN^2\*SumS12\*SumS12Ax3A14A34[[b]] + 2\*NNN^2\*SumA12A13\*SumS12S13Ax2[[a]] - 2\*NNN\*SumS12^2\*SumS12S13Ax2[[a]] + 2\*NNN^2\*SumS12S13\*SumS12S13Ax2[[a]] + 2\*NNN^3\*SumAx1A12[[b]]\*SumS12S13Ax2[[a]] - 2\*NNN^2\*SumA12A13\*SumS12S13Ax2[[b]] + 2\*NNN\*SumS12^2\*SumS12S13Ax2[[b]] - 2\*NNN^2\*SumS12S13\*SumS12S13Ax2[[b]] - 2\*NNN^3\*SumAx1A12[[a]]\*SumS12S13Ax2[[b]] + 2\*NNN^2\*SumS12\*SumS12S13S24Ax3[[a]] - 2\*NNN^2\*SumS12\*SumS12S13S24Ax3[[b]] - 2\*NNN^2\*SumA12A13\*SumS12Ax1[[b]]\*SumSx1[[a]] + 2\*NNN\*SumS12^2\*SumS12Ax1[[b]]\*SumSx1[[a]] - 2\*NNN^2\*SumS12S13\*SumS12Ax1[[b]]\*SumSx1[[a]] - 2\*NNN^3\*SumS12Ax1A23A34[[b]]\*SumSx1[[a]] + 2\*NNN^3\*SumS12Ax3A13A24[[b]]\*SumSx1[[a]] + 2\*NNN^3\*SumS12Ax3A14A34[[b]]\*SumSx1[[a]] - 2\*NNN^2\*SumS12\*SumS12S13Ax2[[b]]\*SumSx1[[a]] + 2\*NNN^3\*SumS12S13S24Ax3[[b]]\*SumSx1[[a]] + 2\*NNN^2\*SumA12A13\*SumS12Ax1[[a]]\*SumSx1[[b]] - 2\*NNN\*SumS12^2\*SumS12Ax1[[a]]\*SumSx1[[b]] + 2\*NNN^2\*SumS12S13\*SumS12Ax1[[a]]\*SumSx1[[b]] + 2\*NNN^3\*SumS12Ax1A23A34[[a]]\*SumSx1[[b]] - 2\*NNN^3\*SumS12Ax3A13A24[[a]]\*SumSx1[[b]] - 2\*NNN^3\*SumS12Ax3A14A34[[a]]\*SumSx1[[b]] + 2\*NNN^2\*SumS12\*SumS12S13Ax2[[a]]\*SumSx1[[b]] - 2\*NNN^3\*SumS12S13S24Ax3[[a]]\*SumSx1[[b]] - 4\*NNN\*SumA12A13\*SumS12\*SumSx1A12[[a]] + 2\*SumS12^3\*SumSx1A12[[a]] + 2\*NNN^2\*SumS12A13A24\*SumSx1A12[[a]] - 4\*NNN^2\*SumS12A13A34\*SumSx1A12[[a]] - 4\*NNN\*SumS12\*SumS12S13\*SumSx1A12[[a]] + 2\*NNN^2\*SumS12S13S24\*SumSx1A12[[a]] - 2\*NNN^2\*SumS12\*SumAx1A12[[b]]\*SumSx1A12[[a]] + 2\*NNN^3\*SumS12Ax1A23[[b]]\*SumSx1A12[[a]] - 2\*NNN^3\*SumS12Ax3A13[[b]]\*SumSx1A12[[a]] + 2\*NNN^2\*SumA12A13\*SumSx1[[b]]\*SumSx1A12[[a]] - 2\*NNN\*SumS12^2\*SumSx1[[b]]\*SumSx1A12[[a]] + 2\*NNN^2\*SumS12S13\*SumSx1[[b]]\*SumSx1A12[[a]] + 4\*NNN\*SumA12A13\*SumS12\*SumSx1A12[[b]] - 2\*SumS12^3\*SumSx1A12[[b]] - 2\*NNN^2\*SumS12A13A24\*SumSx1A12[[b]] + 4\*NNN^2\*SumS12A13A34\*SumSx1A12[[b]] + 4\*NNN\*SumS12\*SumS12S13\*SumSx1A12[[b]] - 2\*NNN^2\*SumS12S13S24\*SumSx1A12[[b]] + 2\*NNN^2\*SumS12\*SumAx1A12[[a]]\*SumSx1A12[[b]] - 2\*NNN^3\*SumS12Ax1A23[[a]]\*SumSx1A12[[b]] + 2\*NNN^3\*SumS12Ax3A13[[a]]\*SumSx1A12[[b]] - 2\*NNN^2\*SumA12A13\*SumSx1[[a]]\*SumSx1A12[[b]] + 2\*NNN\*SumS12^2\*SumSx1[[a]]\*SumSx1A12[[b]] - 2\*NNN^2\*SumS12S13\*SumSx1[[a]]\*SumSx1A12[[b]] - 2\*NNN^3\*SumS12Ax1[[b]]\*SumSx1A12A23[[a]] - 2\*NNN^3\*SumSx1A12[[b]]\*SumSx1A12A23[[a]] + 2\*NNN^3\*SumS12Ax1[[a]]\*SumSx1A12A23[[b]] + 2\*NNN^3\*SumSx1A12[[a]]\*SumSx1A12A23[[b]] - 2\*NNN^2\*SumS12\*SumSx1A12A23A34[[a]] + 2\*NNN^3\*SumSx1[[b]]\*SumSx1A12A23A34[[a]] + 2\*NNN^2\*SumS12\*SumSx1A12A23A34[[b]] - 2\*NNN^3\*SumSx1[[a]]\*SumSx1A12A23A34[[b]] - 2\*NNN^2\*SumS12\*SumS12Ax1[[b]]\*SumSx1S12[[a]] + 2\*NNN^3\*SumS12S13Ax2[[b]]\*SumSx1S12[[a]] - 2\*NNN^2\*SumS12\*SumSx1A12[[b]]\*SumSx1S12[[a]] + 2\*NNN\*SumAx1A12A23[[b]]\*(NNN\*SumA12A13 - SumS12^2 + NNN\*SumS12S13 + NNN^2\*SumAx1A12[[a]] + NNN\*SumS12\*SumSx1[[a]] - NNN^2\*SumSx1S12[[a]]) + 2\*NNN^2\*SumS12\*SumS12Ax1[[a]]\*SumSx1S12[[b]] - 2\*NNN^3\*SumS12S13Ax2[[a]]\*SumSx1S12[[b]] + 2\*NNN^2\*SumS12\*SumSx1A12[[a]]\*SumSx1S12[[b]] - 2\*NNN\*SumAx1A12A23[[a]]\*(NNN\*SumA12A13 - SumS12^2 + NNN\*SumS12S13 + NNN^2\*SumAx1A12[[b]] + NNN\*SumS12\*SumSx1[[b]] - NNN^2\*SumSx1S12[[b]]) + 2\*NNN^2\*SumA12A13\*SumSx1S12A23[[a]] - 2\*NNN\*SumS12^2\*SumSx1S12A23[[a]] + 2\*NNN^2\*SumS12S13\*SumSx1S12A23[[a]] + 2\*NNN^3\*SumAx1A12[[b]]\*SumSx1S12A23[[a]] + 2\*NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1S12A23[[a]] - 2\*NNN^3\*SumSx1S12[[b]]\*SumSx1S12A23[[a]] - 2\*NNN^2\*SumA12A13\*SumSx1S12A23[[b]] + 2\*NNN\*SumS12^2\*SumSx1S12A23[[b]] - 2\*NNN^2\*SumS12S13\*SumSx1S12A23[[b]] - 2\*NNN^3\*SumAx1A12[[a]]\*SumSx1S12A23[[b]] - 2\*NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1S12A23[[b]] + 2\*NNN^3\*SumSx1S12[[a]]\*SumSx1S12A23[[b]] + 2\*NNN^3\*SumS12Ax1[[b]]\*SumSx1S12S23[[a]] + 2\*NNN^3\*SumSx1A12[[b]]\*SumSx1S12S23[[a]] - 2\*NNN^3\*SumS12Ax1[[a]]\*SumSx1S12S23[[b]] - 2\*NNN^3\*SumSx1A12[[a]]\*SumSx1S12S23[[b]] + 2\*NNN^2\*SumS12\*SumSx1S12S23A34[[a]] - 2\*NNN^3\*SumSx1[[b]]\*SumSx1S12S23A34[[a]] - 2\*NNN^2\*SumS12\*SumSx1S12S23A34[[b]] + 2\*NNN^3\*SumSx1[[a]]\*SumSx1S12S23A34[[b]] + 2\*NNN^2\*SumS12\*SumSx1S12S34A23[[a]] - 2\*NNN^3\*SumSx1[[b]]\*SumSx1S12S34A23[[a]] - 2\*NNN^2\*SumS12\*SumSx1S12S34A23[[b]] + 2\*NNN^3\*SumSx1[[a]]\*SumSx1S12S34A23[[b]] + 2\*NNN^2\*SumA12A13\*SumSx1S23A12[[a]] - 2\*NNN\*SumS12^2\*SumSx1S23A12[[a]] + 2\*NNN^2\*SumS12S13\*SumSx1S23A12[[a]] + 2\*NNN^3\*SumAx1A12[[b]]\*SumSx1S23A12[[a]] + 2\*NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1S23A12[[a]] - 2\*NNN^3\*SumSx1S12[[b]]\*SumSx1S23A12[[a]] - 2\*NNN^2\*SumA12A13\*SumSx1S23A12[[b]] + 2\*NNN\*SumS12^2\*SumSx1S23A12[[b]] - 2\*NNN^2\*SumS12S13\*SumSx1S23A12[[b]] - 2\*NNN^3\*SumAx1A12[[a]]\*SumSx1S23A12[[b]] - 2\*NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1S23A12[[b]] + 2\*NNN^3\*SumSx1S12[[a]]\*SumSx1S23A12[[b]] + 2\*NNN^2\*SumS12\*SumSx1S23S24A13[[a]] - 2\*NNN^3\*SumSx1[[b]]\*SumSx1S23S24A13[[a]] - 2\*NNN^2\*SumS12\*SumSx1S23S24A13[[b]] + 2\*NNN^3\*SumSx1[[a]]\*SumSx1S23S24A13[[b]] + 2\*NNN^4\*SumAll[s[b, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][a, i4], {i1, i2, i3, i4}] - 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][a, i4], {i1, i2, i3, i4, i5}] - 2\*NNN^4\*SumAll[s[a, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][b, i4], {i1, i2, i3, i4}] + 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][b, i4], {i1, i2, i3, i4, i5}] + 2\*NNN^4\*SumAll[s[a, i1]\*s[b, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][i1, i4], {i1, i2, i3, i4}] - 2\*NNN^3\*SumAll[s[a, i1]\*s[i2, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i1, i4], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[b, i1]\*s[i2, i3]\*s[i2, i4]\*s[i3, i5]\*\[Alpha][i1, i4], {i1, i2, i3, i4, i5}] - 2\*NNN^4\*SumAll[s[a, i1]\*s[b, i2]\*s[i1, i3]\*s[i3, i4]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - 2\*NNN^3\*SumAll[s[a, i1]\*s[i1, i2]\*s[i3, i4]\*s[i3, i5]\*\[Alpha][i2, i4], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[b, i1]\*s[i1, i2]\*s[i3, i4]\*s[i3, i5]\*\[Alpha][i2, i4], {i1, i2, i3, i4, i5}] + 2\*NNN^4\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][a, i1]\*\[Alpha][b, i3]\*\[Alpha][i2, i4], {i1, i2, i3, i4}] - NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][a, i5]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][b, i5]\*\[Alpha][i1, i3]\*\[Alpha][i2, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^4\*SumAll[s[a, i1]\*s[b, i2]\*s[i1, i3]\*s[i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^3\*SumAll[s[a, i1]\*s[i1, i2]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[b, i1]\*s[i1, i2]\*s[i2, i3]\*s[i4, i5]\*\[Alpha][i3, i4], {i1, i2, i3, i4, i5}] - 2\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][a, i4]\*\[Alpha][b, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 2\*NNN^4\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][a, i2]\*\[Alpha][b, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^4\*SumAll[s[b, i1]\*s[i2, i3]\*\[Alpha][a, i4]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 2\*NNN^4\*SumAll[s[a, i1]\*s[i2, i3]\*\[Alpha][b, i4]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 2\*NNN^4\*SumAll[s[b, i1]\*s[i2, i3]\*\[Alpha][a, i2]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^4\*SumAll[s[a, i1]\*s[i2, i3]\*\[Alpha][b, i2]\*\[Alpha][i1, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 2\*NNN^4\*SumAll[s[b, i1]\*s[i1, i2]\*\[Alpha][a, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^4\*SumAll[s[a, i1]\*s[i1, i2]\*\[Alpha][b, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 2\*NNN^4\*SumAll[s[a, i1]\*s[b, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] + 2\*NNN^4\*SumAll[\[Alpha][a, i1]\*\[Alpha][b, i2]\*\[Alpha][i1, i3]\*\[Alpha][i2, i4]\*\[Alpha][i3, i4], {i1, i2, i3, i4}] - 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][a, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][b, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[a, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[b, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i4]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][a, i1]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][b, i1]\*\[Alpha][i2, i5]\*\[Alpha][i3, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[a, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[b, i1]\*s[i1, i2]\*s[i2, i3]\*s[i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][a, i5]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][b, i5]\*\[Alpha][i1, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][a, i1]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[i1, i2]\*s[i3, i4]\*\[Alpha][b, i1]\*\[Alpha][i2, i3]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][a, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][b, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[a, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[b, i1]\*s[i2, i3]\*\[Alpha][i1, i4]\*\[Alpha][i2, i5]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][a, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[i1, i2]\*s[i1, i3]\*\[Alpha][b, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[a, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[b, i1]\*s[i2, i3]\*\[Alpha][i1, i2]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[s[a, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[s[b, i1]\*s[i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] - 2\*NNN^3\*SumAll[\[Alpha][a, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}] + 2\*NNN^3\*SumAll[\[Alpha][b, i1]\*\[Alpha][i1, i2]\*\[Alpha][i2, i3]\*\[Alpha][i3, i4]\*\[Alpha][i4, i5], {i1, i2, i3, i4, i5}])))/(32\*NNN^5)

WW::DmDmFuncYallWW: (6)

(3\*(5\*SumW12^4 - 12\*NNN\*SumW12^2\*SumW12W31 + 3\*NNN^2\*SumW12W31^2 + 6\*NNN^2\*SumW12\*SumW12W31W43 - 2\*NNN^3\*SumW12W31W43W54 - 4\*NNN\*SumW12^3\*SumW1x[[a]] + 6\*NNN^2\*SumW12\*SumW12W31\*SumW1x[[a]] - 2\*NNN^3\*SumW12W31W43\*SumW1x[[a]] - 4\*NNN\*SumW12^3\*SumW1x[[c]] + 6\*NNN^2\*SumW12\*SumW12W31\*SumW1x[[c]] - 2\*NNN^3\*SumW12W31W43\*SumW1x[[c]] + 3\*NNN^2\*SumW12^2\*SumW1x[[a]]\*SumW1x[[c]] - 2\*NNN^3\*SumW12W31\*SumW1x[[a]]\*SumW1x[[c]] + 3\*NNN^2\*SumW12^2\*SumW1xW21[[a]] - 2\*NNN^3\*SumW12W31\*SumW1xW21[[a]] - 2\*NNN^3\*SumW12\*SumW1x[[c]]\*SumW1xW21[[a]] + 3\*NNN^2\*SumW12^2\*SumW1xW21[[c]] - 2\*NNN^3\*SumW12W31\*SumW1xW21[[c]] - 2\*NNN^3\*SumW12\*SumW1x[[a]]\*SumW1xW21[[c]] + NNN^4\*SumW1xW21[[a]]\*SumW1xW21[[c]] - 2\*NNN^3\*SumW12\*SumW1xW21W32[[a]] + NNN^4\*SumW1x[[c]]\*SumW1xW21W32[[a]] - 2\*NNN^3\*SumW12\*SumW1xW21W32[[c]] + NNN^4\*SumW1x[[a]]\*SumW1xW21W32[[c]] + NNN^4\*SumW1xW21W32W43[[a]] + NNN^4\*SumW1xW21W32W43[[c]] - 4\*NNN\*SumW12^3\*SumWx1[[b]] + 6\*NNN^2\*SumW12\*SumW12W31\*SumWx1[[b]] - 2\*NNN^3\*SumW12W31W43\*SumWx1[[b]] + 3\*NNN^2\*SumW12^2\*SumW1x[[a]]\*SumWx1[[b]] - 2\*NNN^3\*SumW12W31\*SumW1x[[a]]\*SumWx1[[b]] + 3\*NNN^2\*SumW12^2\*SumW1x[[c]]\*SumWx1[[b]] - 2\*NNN^3\*SumW12W31\*SumW1x[[c]]\*SumWx1[[b]] - 2\*NNN^3\*SumW12\*SumW1x[[a]]\*SumW1x[[c]]\*SumWx1[[b]] - 2\*NNN^3\*SumW12\*SumW1xW21[[a]]\*SumWx1[[b]] + NNN^4\*SumW1x[[c]]\*SumW1xW21[[a]]\*SumWx1[[b]] - 2\*NNN^3\*SumW12\*SumW1xW21[[c]]\*SumWx1[[b]] + NNN^4\*SumW1x[[a]]\*SumW1xW21[[c]]\*SumWx1[[b]] + NNN^4\*SumW1xW21W32[[a]]\*SumWx1[[b]] + NNN^4\*SumW1xW21W32[[c]]\*SumWx1[[b]] - 4\*NNN\*SumW12^3\*SumWx1[[d]] + 6\*NNN^2\*SumW12\*SumW12W31\*SumWx1[[d]] - 2\*NNN^3\*SumW12W31W43\*SumWx1[[d]] + 3\*NNN^2\*SumW12^2\*SumW1x[[a]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12W31\*SumW1x[[a]]\*SumWx1[[d]] + 3\*NNN^2\*SumW12^2\*SumW1x[[c]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12W31\*SumW1x[[c]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12\*SumW1x[[a]]\*SumW1x[[c]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12\*SumW1xW21[[a]]\*SumWx1[[d]] + NNN^4\*SumW1x[[c]]\*SumW1xW21[[a]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12\*SumW1xW21[[c]]\*SumWx1[[d]] + NNN^4\*SumW1x[[a]]\*SumW1xW21[[c]]\*SumWx1[[d]] + NNN^4\*SumW1xW21W32[[a]]\*SumWx1[[d]] + NNN^4\*SumW1xW21W32[[c]]\*SumWx1[[d]] + 3\*NNN^2\*SumW12^2\*SumWx1[[b]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12W31\*SumWx1[[b]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12\*SumW1x[[a]]\*SumWx1[[b]]\*SumWx1[[d]] - 2\*NNN^3\*SumW12\*SumW1x[[c]]\*SumWx1[[b]]\*SumWx1[[d]] + NNN^4\*SumW1x[[a]]\*SumW1x[[c]]\*SumWx1[[b]]\*SumWx1[[d]] + NNN^4\*SumW1xW21[[a]]\*SumWx1[[b]]\*SumWx1[[d]] + NNN^4\*SumW1xW21[[c]]\*SumWx1[[b]]\*SumWx1[[d]] + 3\*NNN^2\*SumW12^2\*SumWx1W12[[b]] - 2\*NNN^3\*SumW12W31\*SumWx1W12[[b]] - 2\*NNN^3\*SumW12\*SumW1x[[a]]\*SumWx1W12[[b]] - 2\*NNN^3\*SumW12\*SumW1x[[c]]\*SumWx1W12[[b]] + NNN^4\*SumW1x[[a]]\*SumW1x[[c]]\*SumWx1W12[[b]] + NNN^4\*SumW1xW21[[a]]\*SumWx1W12[[b]] + NNN^4\*SumW1xW21[[c]]\*SumWx1W12[[b]] - 2\*NNN^3\*SumW12\*SumWx1[[d]]\*SumWx1W12[[b]] + NNN^4\*SumW1x[[a]]\*SumWx1[[d]]\*SumWx1W12[[b]] + NNN^4\*SumW1x[[c]]\*SumWx1[[d]]\*SumWx1W12[[b]] + 3\*NNN^2\*SumW12^2\*SumWx1W12[[d]] - 2\*NNN^3\*SumW12W31\*SumWx1W12[[d]] - 2\*NNN^3\*SumW12\*SumW1x[[a]]\*SumWx1W12[[d]] - 2\*NNN^3\*SumW12\*SumW1x[[c]]\*SumWx1W12[[d]] + NNN^4\*SumW1x[[a]]\*SumW1x[[c]]\*SumWx1W12[[d]] + NNN^4\*SumW1xW21[[a]]\*SumWx1W12[[d]] + NNN^4\*SumW1xW21[[c]]\*SumWx1W12[[d]] - 2\*NNN^3\*SumW12\*SumWx1[[b]]\*SumWx1W12[[d]] + NNN^4\*SumW1x[[a]]\*SumWx1[[b]]\*SumWx1W12[[d]] + NNN^4\*SumW1x[[c]]\*SumWx1[[b]]\*SumWx1W12[[d]] + NNN^4\*SumWx1W12[[b]]\*SumWx1W12[[d]] - 2\*NNN^3\*SumW12\*SumWx1W12W23[[b]] + NNN^4\*SumW1x[[a]]\*SumWx1W12W23[[b]] + NNN^4\*SumW1x[[c]]\*SumWx1W12W23[[b]] + NNN^4\*SumWx1[[d]]\*SumWx1W12W23[[b]] - 2\*NNN^3\*SumW12\*SumWx1W12W23[[d]] + NNN^4\*SumW1x[[a]]\*SumWx1W12W23[[d]] + NNN^4\*SumW1x[[c]]\*SumWx1W12W23[[d]] + NNN^4\*SumWx1[[b]]\*SumWx1W12W23[[d]] + NNN^4\*SumWx1W12W23W34[[b]] + NNN^4\*SumWx1W12W23W34[[d]] - NNN^5\*SumWy1W12W23W3x[[a,d]] + NNN\*KroneckerDelta[b, c]\*(-SumW12^4 + 3\*NNN\*SumW12^2\*SumW12W31 - NNN^2\*SumW12W31^2 - 2\*NNN^2\*SumW12\*SumW12W31W43 + NNN^3\*SumW12W31W43W54 + NNN^3\*SumW12\*SumW1xW21W32[[a]] - NNN^4\*SumW1xW21W32W43[[a]] + NNN\*SumW12^3\*SumWx1[[d]] - 2\*NNN^2\*SumW12\*SumW12W31\*SumWx1[[d]] + NNN^3\*SumW12W31W43\*SumWx1[[d]] - NNN^4\*SumW1xW21W32[[a]]\*SumWx1[[d]] - NNN^2\*SumW12^2\*SumWx1W12[[d]] + NNN^3\*SumW12W31\*SumWx1W12[[d]] + NNN^2\*SumW1xW21[[a]]\*(-SumW12^2 + NNN\*SumW12W31 + NNN\*SumW12\*SumWx1[[d]] - NNN^2\*SumWx1W12[[d]]) + NNN^3\*SumW12\*SumWx1W12W23[[d]] + NNN\*SumW1x[[a]]\*(SumW12^3 - 2\*NNN\*SumW12\*SumW12W31 + NNN^2\*SumW12W31W43 + NNN\*(-SumW12^2 + NNN\*SumW12W31)\*SumWx1[[d]] + NNN^2\*SumW12\*SumWx1W12[[d]] - NNN^3\*SumWx1W12W23[[d]]) - NNN^4\*SumWx1W12W23W34[[d]] + NNN^5\*SumWy1W12W23W3x[[a,d]]) - NNN^5\*SumWy1W12W23W3x[[c,b]] + NNN\*KroneckerDelta[a, d]\*(-SumW12^4 + 3\*NNN\*SumW12^2\*SumW12W31 - NNN^2\*SumW12W31^2 - 2\*NNN^2\*SumW12\*SumW12W31W43 + NNN^3\*SumW12W31W43W54 + NNN^3\*SumW12\*SumW1xW21W32[[c]] - NNN^4\*SumW1xW21W32W43[[c]] + NNN\*SumW12^3\*SumWx1[[b]] - 2\*NNN^2\*SumW12\*SumW12W31\*SumWx1[[b]] + NNN^3\*SumW12W31W43\*SumWx1[[b]] - NNN^4\*SumW1xW21W32[[c]]\*SumWx1[[b]] - NNN^2\*SumW12^2\*SumWx1W12[[b]] + NNN^3\*SumW12W31\*SumWx1W12[[b]] + NNN^2\*SumW1xW21[[c]]\*(-SumW12^2 + NNN\*SumW12W31 + NNN\*SumW12\*SumWx1[[b]] - NNN^2\*SumWx1W12[[b]]) + NNN^3\*SumW12\*SumWx1W12W23[[b]] + NNN\*SumW1x[[c]]\*(SumW12^3 - 2\*NNN\*SumW12\*SumW12W31 + NNN^2\*SumW12W31W43 + NNN\*(-SumW12^2 + NNN\*SumW12W31)\*SumWx1[[b]] + NNN^2\*SumW12\*SumWx1W12[[b]] - NNN^3\*SumWx1W12W23[[b]]) - NNN^4\*SumWx1W12W23W34[[b]] + NNN^5\*SumWy1W12W23W3x[[c,b]]) + NNN^4\*SumW12\*SumWy1W12W2x[[a,d]] - NNN^5\*SumW1x[[c]]\*SumWy1W12W2x[[a,d]] - NNN^5\*SumWx1[[b]]\*SumWy1W12W2x[[a,d]] + NNN^4\*SumW12\*SumWy1W12W2x[[c,b]] - NNN^5\*SumW1x[[a]]\*SumWy1W12W2x[[c,b]] - NNN^5\*SumWx1[[d]]\*SumWy1W12W2x[[c,b]] - NNN^3\*SumW12^2\*SumWy1W1x[[a,d]] + NNN^4\*SumW12W31\*SumWy1W1x[[a,d]] + NNN^4\*SumW12\*SumW1x[[c]]\*SumWy1W1x[[a,d]] - NNN^5\*SumW1xW21[[c]]\*SumWy1W1x[[a,d]] + NNN^4\*SumW12\*SumWx1[[b]]\*SumWy1W1x[[a,d]] - NNN^5\*SumW1x[[c]]\*SumWx1[[b]]\*SumWy1W1x[[a,d]] - NNN^5\*SumWx1W12[[b]]\*SumWy1W1x[[a,d]] - NNN^3\*SumW12^2\*SumWy1W1x[[c,b]] + NNN^4\*SumW12W31\*SumWy1W1x[[c,b]] + NNN^4\*SumW12\*SumW1x[[a]]\*SumWy1W1x[[c,b]] - NNN^5\*SumW1xW21[[a]]\*SumWy1W1x[[c,b]] + NNN^4\*SumW12\*SumWx1[[d]]\*SumWy1W1x[[c,b]] - NNN^5\*SumW1x[[a]]\*SumWx1[[d]]\*SumWy1W1x[[c,b]] - NNN^5\*SumWx1W12[[d]]\*SumWy1W1x[[c,b]] + NNN^6\*SumWy1W1x[[a,d]]\*SumWy1W1x[[c,b]] + NNN^2\*SumW12^3\*wab[[b,c]] - 2\*NNN^3\*SumW12\*SumW12W31\*wab[[b,c]] + NNN^4\*SumW12W31W43\*wab[[b,c]] - NNN^3\*SumW12^2\*SumW1x[[a]]\*wab[[b,c]] + NNN^4\*SumW12W31\*SumW1x[[a]]\*wab[[b,c]] + NNN^4\*SumW12\*SumW1xW21[[a]]\*wab[[b,c]] - NNN^5\*SumW1xW21W32[[a]]\*wab[[b,c]] - NNN^3\*SumW12^2\*SumWx1[[d]]\*wab[[b,c]] + NNN^4\*SumW12W31\*SumWx1[[d]]\*wab[[b,c]] + NNN^4\*SumW12\*SumW1x[[a]]\*SumWx1[[d]]\*wab[[b,c]] - NNN^5\*SumW1xW21[[a]]\*SumWx1[[d]]\*wab[[b,c]] + NNN^4\*SumW12\*SumWx1W12[[d]]\*wab[[b,c]] - NNN^5\*SumW1x[[a]]\*SumWx1W12[[d]]\*wab[[b,c]] - NNN^5\*SumWx1W12W23[[d]]\*wab[[b,c]] + NNN^6\*SumWy1W12W2x[[a,d]]\*wab[[b,c]] + NNN^2\*SumW12^3\*wab[[d,a]] - 2\*NNN^3\*SumW12\*SumW12W31\*wab[[d,a]] + NNN^4\*SumW12W31W43\*wab[[d,a]] - NNN^3\*SumW12^2\*SumW1x[[c]]\*wab[[d,a]] + NNN^4\*SumW12W31\*SumW1x[[c]]\*wab[[d,a]] + NNN^4\*SumW12\*SumW1xW21[[c]]\*wab[[d,a]] - NNN^5\*SumW1xW21W32[[c]]\*wab[[d,a]] - NNN^3\*SumW12^2\*SumWx1[[b]]\*wab[[d,a]] + NNN^4\*SumW12W31\*SumWx1[[b]]\*wab[[d,a]] + NNN^4\*SumW12\*SumW1x[[c]]\*SumWx1[[b]]\*wab[[d,a]] - NNN^5\*SumW1xW21[[c]]\*SumWx1[[b]]\*wab[[d,a]] + NNN^4\*SumW12\*SumWx1W12[[b]]\*wab[[d,a]] - NNN^5\*SumW1x[[c]]\*SumWx1W12[[b]]\*wab[[d,a]] - NNN^5\*SumWx1W12W23[[b]]\*wab[[d,a]] + NNN^6\*SumWy1W12W2x[[c,b]]\*wab[[d,a]]))/(32\*NNN^6)

SS::DmDmFuncYallSS: (6)

(3\*(6\*NNN^2\*SumA12A13^2 + 4\*NNN^3\*SumA12A13A24A45 - 24\*NNN\*SumA12A13\*SumS12^2 + 10\*SumS12^4 + 12\*NNN^2\*SumS12\*SumS12A13A24 - 24\*NNN^2\*SumS12\*SumS12A13A34 + 12\*NNN^2\*SumA12A13\*SumS12S13 - 24\*NNN\*SumS12^2\*SumS12S13 + 6\*NNN^2\*SumS12S13^2 - 4\*NNN^3\*SumS12S13A24A35 + 8\*NNN^3\*SumS12S13A24A45 + 12\*NNN^2\*SumS12\*SumS12S13S24 - 4\*NNN^3\*SumS12S34A13A25 + 4\*NNN^3\*SumS12S34A13A45 - 4\*NNN^3\*SumS12S34A15A35 - 4\*NNN^3\*SumSp4 - NNN^3\*SumA12A13^2\*KroneckerDelta[b, c] - NNN^4\*SumA12A13A24A45\*KroneckerDelta[b, c] + 3\*NNN^2\*SumA12A13\*SumS12^2\*KroneckerDelta[b, c] - NNN\*SumS12^4\*KroneckerDelta[b, c] - 2\*NNN^3\*SumS12\*SumS12A13A24\*KroneckerDelta[b, c] + 4\*NNN^3\*SumS12\*SumS12A13A34\*KroneckerDelta[b, c] - 2\*NNN^3\*SumA12A13\*SumS12S13\*KroneckerDelta[b, c] + 3\*NNN^2\*SumS12^2\*SumS12S13\*KroneckerDelta[b, c] - NNN^3\*SumS12S13^2\*KroneckerDelta[b, c] + NNN^4\*SumS12S13A24A35\*KroneckerDelta[b, c] - 2\*NNN^4\*SumS12S13A24A45\*KroneckerDelta[b, c] - 2\*NNN^3\*SumS12\*SumS12S13S24\*KroneckerDelta[b, c] + NNN^4\*SumS12S34A13A25\*KroneckerDelta[b, c] - NNN^4\*SumS12S34A13A45\*KroneckerDelta[b, c] + NNN^4\*SumS12S34A15A35\*KroneckerDelta[b, c] + NNN^4\*SumSp4\*KroneckerDelta[b, c] - NNN^3\*SumA12A13^2\*KroneckerDelta[b, d] - NNN^4\*SumA12A13A24A45\*KroneckerDelta[b, d] + 3\*NNN^2\*SumA12A13\*SumS12^2\*KroneckerDelta[b, d] - NNN\*SumS12^4\*KroneckerDelta[b, d] - 2\*NNN^3\*SumS12\*SumS12A13A24\*KroneckerDelta[b, d] + 4\*NNN^3\*SumS12\*SumS12A13A34\*KroneckerDelta[b, d] - 2\*NNN^3\*SumA12A13\*SumS12S13\*KroneckerDelta[b, d] + 3\*NNN^2\*SumS12^2\*SumS12S13\*KroneckerDelta[b, d] - NNN^3\*SumS12S13^2\*KroneckerDelta[b, d] + NNN^4\*SumS12S13A24A35\*KroneckerDelta[b, d] - 2\*NNN^4\*SumS12S13A24A45\*KroneckerDelta[b, d] - 2\*NNN^3\*SumS12\*SumS12S13S24\*KroneckerDelta[b, d] + NNN^4\*SumS12S34A13A25\*KroneckerDelta[b, d] - NNN^4\*SumS12S34A13A45\*KroneckerDelta[b, d] + NNN^4\*SumS12S34A15A35\*KroneckerDelta[b, d] + NNN^4\*SumSp4\*KroneckerDelta[b, d] - 4\*NNN^3\*SumA12A13\*SumAx1[[a]]\*SumAx1[[b]] + 6\*NNN^2\*SumS12^2\*SumAx1[[a]]\*SumAx1[[b]] - 4\*NNN^3\*SumS12S13\*SumAx1[[a]]\*SumAx1[[b]] + NNN^4\*SumA12A13\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1[[c]] - NNN^3\*SumS12^2\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1[[c]] + NNN^4\*SumS12S13\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1[[c]] + NNN^4\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1[[d]] - NNN^3\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1[[d]] + NNN^4\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1[[d]] - 4\*NNN^3\*SumA12A13\*SumAx1[[c]]\*SumAx1[[d]] + 6\*NNN^2\*SumS12^2\*SumAx1[[c]]\*SumAx1[[d]] - 4\*NNN^3\*SumS12S13\*SumAx1[[c]]\*SumAx1[[d]] + 2\*NNN^4\*SumAx1[[a]]\*SumAx1[[b]]\*SumAx1[[c]]\*SumAx1[[d]] + 4\*NNN^3\*SumA12A13\*SumAx1A12[[a]] - 6\*NNN^2\*SumS12^2\*SumAx1A12[[a]] + 4\*NNN^3\*SumS12S13\*SumAx1A12[[a]] - NNN^4\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1A12[[a]] + NNN^3\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1A12[[a]] - NNN^4\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1A12[[a]] - NNN^4\*SumA12A13\*KroneckerDelta[b, d]\*SumAx1A12[[a]] + NNN^3\*SumS12^2\*KroneckerDelta[b, d]\*SumAx1A12[[a]] - NNN^4\*SumS12S13\*KroneckerDelta[b, d]\*SumAx1A12[[a]] - 2\*NNN^4\*SumAx1[[c]]\*SumAx1[[d]]\*SumAx1A12[[a]] + 4\*NNN^3\*SumA12A13\*SumAx1A12[[b]] - 6\*NNN^2\*SumS12^2\*SumAx1A12[[b]] + 4\*NNN^3\*SumS12S13\*SumAx1A12[[b]] - 2\*NNN^4\*SumAx1[[c]]\*SumAx1[[d]]\*SumAx1A12[[b]] + 2\*NNN^4\*SumAx1A12[[a]]\*SumAx1A12[[b]] + 4\*NNN^3\*SumA12A13\*SumAx1A12[[c]] - 6\*NNN^2\*SumS12^2\*SumAx1A12[[c]] + 4\*NNN^3\*SumS12S13\*SumAx1A12[[c]] - NNN^4\*SumA12A13\*KroneckerDelta[b, d]\*SumAx1A12[[c]] + NNN^3\*SumS12^2\*KroneckerDelta[b, d]\*SumAx1A12[[c]] - NNN^4\*SumS12S13\*KroneckerDelta[b, d]\*SumAx1A12[[c]] - 2\*NNN^4\*SumAx1[[a]]\*SumAx1[[b]]\*SumAx1A12[[c]] + 2\*NNN^4\*SumAx1A12[[a]]\*SumAx1A12[[c]] - NNN^5\*KroneckerDelta[b, d]\*SumAx1A12[[a]]\*SumAx1A12[[c]] + 2\*NNN^4\*SumAx1A12[[b]]\*SumAx1A12[[c]] + 4\*NNN^3\*SumA12A13\*SumAx1A12[[d]] - 6\*NNN^2\*SumS12^2\*SumAx1A12[[d]] + 4\*NNN^3\*SumS12S13\*SumAx1A12[[d]] - NNN^4\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1A12[[d]] + NNN^3\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1A12[[d]] - NNN^4\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1A12[[d]] - 2\*NNN^4\*SumAx1[[a]]\*SumAx1[[b]]\*SumAx1A12[[d]] + 2\*NNN^4\*SumAx1A12[[a]]\*SumAx1A12[[d]] - NNN^5\*KroneckerDelta[b, c]\*SumAx1A12[[a]]\*SumAx1A12[[d]] + 2\*NNN^4\*SumAx1A12[[b]]\*SumAx1A12[[d]] + 2\*NNN^4\*SumAx1A12[[c]]\*SumAx1A12[[d]] - 2\*NNN^4\*SumAx1[[b]]\*SumAx1A12A23[[a]] + NNN^5\*KroneckerDelta[b, d]\*SumAx1[[c]]\*SumAx1A12A23[[a]] + NNN^5\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumAx1A12A23[[a]] - 2\*NNN^4\*SumAx1[[a]]\*SumAx1A12A23[[b]] + NNN^5\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1A12A23[[c]] - 2\*NNN^4\*SumAx1[[d]]\*SumAx1A12A23[[c]] + NNN^5\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1A12A23[[d]] - 2\*NNN^4\*SumAx1[[c]]\*SumAx1A12A23[[d]] + 2\*NNN^4\*SumAx1A12A23A34[[a]] - NNN^5\*KroneckerDelta[b, c]\*SumAx1A12A23A34[[a]] - NNN^5\*KroneckerDelta[b, d]\*SumAx1A12A23A34[[a]] + 2\*NNN^4\*SumAx1A12A23A34[[b]] + 2\*NNN^4\*SumAx1A12A23A34[[c]] - NNN^5\*KroneckerDelta[b, d]\*SumAx1A12A23A34[[c]] + 2\*NNN^4\*SumAx1A12A23A34[[d]] - NNN^5\*KroneckerDelta[b, c]\*SumAx1A12A23A34[[d]] - 4\*NNN^3\*SumS12\*SumAx1[[b]]\*SumS12Ax1[[a]] + NNN^4\*SumS12\*KroneckerDelta[b, d]\*SumAx1[[c]]\*SumS12Ax1[[a]] + NNN^4\*SumS12\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumS12Ax1[[a]] - 4\*NNN^3\*SumS12\*SumAx1[[a]]\*SumS12Ax1[[b]] + 2\*NNN^4\*SumS12Ax1[[a]]\*SumS12Ax1[[b]] + NNN^4\*SumS12\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumS12Ax1[[c]] - 4\*NNN^3\*SumS12\*SumAx1[[d]]\*SumS12Ax1[[c]] - NNN^5\*KroneckerDelta[b, d]\*SumS12Ax1[[a]]\*SumS12Ax1[[c]] + NNN^4\*SumS12\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumS12Ax1[[d]] - 4\*NNN^3\*SumS12\*SumAx1[[c]]\*SumS12Ax1[[d]] - NNN^5\*KroneckerDelta[b, c]\*SumS12Ax1[[a]]\*SumS12Ax1[[d]] + 2\*NNN^4\*SumS12Ax1[[c]]\*SumS12Ax1[[d]] + 4\*NNN^3\*SumS12\*SumS12Ax1A23[[a]] - NNN^4\*SumS12\*KroneckerDelta[b, c]\*SumS12Ax1A23[[a]] - NNN^4\*SumS12\*KroneckerDelta[b, d]\*SumS12Ax1A23[[a]] + 4\*NNN^3\*SumS12\*SumS12Ax1A23[[b]] + 4\*NNN^3\*SumS12\*SumS12Ax1A23[[c]] - NNN^4\*SumS12\*KroneckerDelta[b, d]\*SumS12Ax1A23[[c]] + 4\*NNN^3\*SumS12\*SumS12Ax1A23[[d]] - 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2\*NNN^4\*SumS12S13Ax2A34[[c]] + NNN^5\*KroneckerDelta[b, d]\*SumS12S13Ax2A34[[c]] - 2\*NNN^4\*SumS12S13Ax2A34[[d]] + NNN^5\*KroneckerDelta[b, c]\*SumS12S13Ax2A34[[d]] + 2\*NNN^4\*SumS12S13Ax4A24[[a]] - NNN^5\*KroneckerDelta[b, c]\*SumS12S13Ax4A24[[a]] - NNN^5\*KroneckerDelta[b, d]\*SumS12S13Ax4A24[[a]] + 2\*NNN^4\*SumS12S13Ax4A24[[b]] + 2\*NNN^4\*SumS12S13Ax4A24[[c]] - NNN^5\*KroneckerDelta[b, d]\*SumS12S13Ax4A24[[c]] + 2\*NNN^4\*SumS12S13Ax4A24[[d]] - NNN^5\*KroneckerDelta[b, c]\*SumS12S13Ax4A24[[d]] - 2\*NNN^4\*SumS12S34Ax1A23[[a]] + NNN^5\*KroneckerDelta[b, c]\*SumS12S34Ax1A23[[a]] + NNN^5\*KroneckerDelta[b, d]\*SumS12S34Ax1A23[[a]] - 2\*NNN^4\*SumS12S34Ax1A23[[b]] - 2\*NNN^4\*SumS12S34Ax1A23[[c]] + NNN^5\*KroneckerDelta[b, d]\*SumS12S34Ax1A23[[c]] - 2\*NNN^4\*SumS12S34Ax1A23[[d]] + NNN^5\*KroneckerDelta[b, c]\*SumS12S34Ax1A23[[d]] + 12\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[a]] - 8\*NNN\*SumS12^3\*SumSx1[[a]] - 4\*NNN^3\*SumS12A13A24\*SumSx1[[a]] + 8\*NNN^3\*SumS12A13A34\*SumSx1[[a]] + 12\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[a]] - 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NNN^3\*SumS12^2\*SumSx1[[b]]\*sab[[a,c]] + NNN^4\*SumS12S13\*SumSx1[[b]]\*sab[[a,c]] + NNN^5\*SumAx1A12[[d]]\*SumSx1[[b]]\*sab[[a,c]] + NNN^4\*SumA12A13\*SumSx1[[d]]\*sab[[a,c]] - NNN^3\*SumS12^2\*SumSx1[[d]]\*sab[[a,c]] + NNN^4\*SumS12S13\*SumSx1[[d]]\*sab[[a,c]] + NNN^5\*SumAx1A12[[b]]\*SumSx1[[d]]\*sab[[a,c]] + NNN^4\*SumS12\*SumSx1[[b]]\*SumSx1[[d]]\*sab[[a,c]] - NNN^5\*SumAx1[[d]]\*SumSx1A12[[b]]\*sab[[a,c]] - NNN^5\*SumAx1[[b]]\*SumSx1A12[[d]]\*sab[[a,c]] + NNN^5\*SumSx1A12A23[[b]]\*sab[[a,c]] + NNN^5\*SumSx1A12A23[[d]]\*sab[[a,c]] + NNN^4\*SumS12\*SumSx1S12[[b]]\*sab[[a,c]] - NNN^5\*SumSx1[[d]]\*SumSx1S12[[b]]\*sab[[a,c]] + NNN^4\*SumS12\*SumSx1S12[[d]]\*sab[[a,c]] - NNN^5\*SumSx1[[b]]\*SumSx1S12[[d]]\*sab[[a,c]] - NNN^5\*SumSx1S12S23[[b]]\*sab[[a,c]] - NNN^5\*SumSx1S12S23[[d]]\*sab[[a,c]] - 2\*NNN^3\*SumA12A13\*SumS12\*sab[[a,d]] + NNN^2\*SumS12^3\*sab[[a,d]] + NNN^4\*SumS12A13A24\*sab[[a,d]] - 2\*NNN^4\*SumS12A13A34\*sab[[a,d]] - 2\*NNN^3\*SumS12\*SumS12S13\*sab[[a,d]] + NNN^4\*SumS12S13S24\*sab[[a,d]] + NNN^4\*SumS12\*SumAx1[[b]]\*SumAx1[[c]]\*sab[[a,d]] - 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NNN^5\*SumSx1[[a]]\*SumS12Ax1Ay2[[b,d]] - NNN^5\*SumSx1[[c]]\*SumS12Ax1Ay2[[b,d]] + NNN^6\*sab[[a,c]]\*SumS12Ax1Ay2[[b,d]] - NNN^5\*SumS12S13Ax2Ay3[[a,c]] + NNN^6\*KroneckerDelta[b, d]\*SumS12S13Ax2Ay3[[a,c]] - NNN^5\*SumS12S13Ax2Ay3[[a,d]] + NNN^6\*KroneckerDelta[b, c]\*SumS12S13Ax2Ay3[[a,d]] - NNN^5\*SumS12S13Ax2Ay3[[b,c]] - NNN^5\*SumS12S13Ax2Ay3[[b,d]] - NNN^5\*SumS12S1yA23Ax3[[a,c]] + NNN^6\*KroneckerDelta[b, d]\*SumS12S1yA23Ax3[[a,c]] - NNN^5\*SumS12S1yA23Ax3[[a,d]] + NNN^6\*KroneckerDelta[b, c]\*SumS12S1yA23Ax3[[a,d]] - NNN^5\*SumS12S1yA23Ax3[[b,c]] - NNN^5\*SumS12S1yA23Ax3[[b,d]] - NNN^5\*SumS12S1yA23Ax3[[c,a]] + NNN^6\*KroneckerDelta[b, d]\*SumS12S1yA23Ax3[[c,a]] - NNN^5\*SumS12S1yA23Ax3[[c,b]] - NNN^5\*SumS12S1yA23Ax3[[d,a]] + NNN^6\*KroneckerDelta[b, c]\*SumS12S1yA23Ax3[[d,a]] - NNN^5\*SumS12S1yA23Ax3[[d,b]] - NNN^5\*SumS1xS2yA13A23[[a,c]] + NNN^6\*KroneckerDelta[b, d]\*SumS1xS2yA13A23[[a,c]] - NNN^5\*SumS1xS2yA13A23[[a,d]] + NNN^6\*KroneckerDelta[b, c]\*SumS1xS2yA13A23[[a,d]] - 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NNN^5\*SumS12Ax1[[c]]\*SumSx1Ay1[[a,d]] - NNN^5\*SumAx1[[c]]\*SumSx1[[b]]\*SumSx1Ay1[[a,d]] + NNN^5\*SumAx1[[b]]\*SumSx1[[c]]\*SumSx1Ay1[[a,d]] + NNN^5\*SumSx1A12[[b]]\*SumSx1Ay1[[a,d]] - NNN^5\*SumSx1A12[[c]]\*SumSx1Ay1[[a,d]] - NNN^4\*SumS12\*SumAx1[[a]]\*SumSx1Ay1[[b,c]] + NNN^4\*SumS12\*SumAx1[[d]]\*SumSx1Ay1[[b,c]] + NNN^5\*SumS12Ax1[[a]]\*SumSx1Ay1[[b,c]] - NNN^5\*SumS12Ax1[[d]]\*SumSx1Ay1[[b,c]] - NNN^5\*SumAx1[[d]]\*SumSx1[[a]]\*SumSx1Ay1[[b,c]] + NNN^5\*SumAx1[[a]]\*SumSx1[[d]]\*SumSx1Ay1[[b,c]] + NNN^5\*SumSx1A12[[a]]\*SumSx1Ay1[[b,c]] - NNN^5\*SumSx1A12[[d]]\*SumSx1Ay1[[b,c]] + NNN^6\*SumSx1Ay1[[a,d]]\*SumSx1Ay1[[b,c]] - NNN^4\*SumS12\*SumAx1[[a]]\*SumSx1Ay1[[b,d]] + NNN^4\*SumS12\*SumAx1[[c]]\*SumSx1Ay1[[b,d]] + NNN^5\*SumS12Ax1[[a]]\*SumSx1Ay1[[b,d]] - NNN^5\*SumS12Ax1[[c]]\*SumSx1Ay1[[b,d]] - NNN^5\*SumAx1[[c]]\*SumSx1[[a]]\*SumSx1Ay1[[b,d]] + NNN^5\*SumAx1[[a]]\*SumSx1[[c]]\*SumSx1Ay1[[b,d]] + NNN^5\*SumSx1A12[[a]]\*SumSx1Ay1[[b,d]] - NNN^5\*SumSx1A12[[c]]\*SumSx1Ay1[[b,d]] + NNN^6\*SumSx1Ay1[[a,c]]\*SumSx1Ay1[[b,d]] + NNN^4\*SumS12\*SumAx1[[b]]\*SumSx1Ay1[[c,a]] - NNN^4\*SumS12\*SumAx1[[d]]\*SumSx1Ay1[[c,a]] - NNN^5\*SumS12Ax1[[b]]\*SumSx1Ay1[[c,a]] + NNN^5\*SumS12Ax1[[d]]\*SumSx1Ay1[[c,a]] + NNN^5\*SumAx1[[d]]\*SumSx1[[b]]\*SumSx1Ay1[[c,a]] - NNN^5\*SumAx1[[b]]\*SumSx1[[d]]\*SumSx1Ay1[[c,a]] - NNN^5\*SumSx1A12[[b]]\*SumSx1Ay1[[c,a]] + NNN^5\*SumSx1A12[[d]]\*SumSx1Ay1[[c,a]] - NNN^6\*SumSx1Ay1[[b,d]]\*SumSx1Ay1[[c,a]] + NNN^4\*SumS12\*SumAx1[[a]]\*SumSx1Ay1[[c,b]] - NNN^4\*SumS12\*SumAx1[[d]]\*SumSx1Ay1[[c,b]] - NNN^5\*SumS12Ax1[[a]]\*SumSx1Ay1[[c,b]] + NNN^5\*SumS12Ax1[[d]]\*SumSx1Ay1[[c,b]] + NNN^5\*SumAx1[[d]]\*SumSx1[[a]]\*SumSx1Ay1[[c,b]] - NNN^5\*SumAx1[[a]]\*SumSx1[[d]]\*SumSx1Ay1[[c,b]] - NNN^5\*SumSx1A12[[a]]\*SumSx1Ay1[[c,b]] + NNN^5\*SumSx1A12[[d]]\*SumSx1Ay1[[c,b]] - NNN^6\*SumSx1Ay1[[a,d]]\*SumSx1Ay1[[c,b]] + NNN^4\*SumS12\*SumAx1[[b]]\*SumSx1Ay1[[d,a]] - NNN^4\*SumS12\*SumAx1[[c]]\*SumSx1Ay1[[d,a]] - NNN^5\*SumS12Ax1[[b]]\*SumSx1Ay1[[d,a]] + NNN^5\*SumS12Ax1[[c]]\*SumSx1Ay1[[d,a]] + NNN^5\*SumAx1[[c]]\*SumSx1[[b]]\*SumSx1Ay1[[d,a]] - NNN^5\*SumAx1[[b]]\*SumSx1[[c]]\*SumSx1Ay1[[d,a]] - NNN^5\*SumSx1A12[[b]]\*SumSx1Ay1[[d,a]] + NNN^5\*SumSx1A12[[c]]\*SumSx1Ay1[[d,a]] - NNN^6\*SumSx1Ay1[[b,c]]\*SumSx1Ay1[[d,a]] + NNN^6\*SumSx1Ay1[[c,b]]\*SumSx1Ay1[[d,a]] + NNN^4\*SumS12\*SumAx1[[a]]\*SumSx1Ay1[[d,b]] - NNN^4\*SumS12\*SumAx1[[c]]\*SumSx1Ay1[[d,b]] - NNN^5\*SumS12Ax1[[a]]\*SumSx1Ay1[[d,b]] + NNN^5\*SumS12Ax1[[c]]\*SumSx1Ay1[[d,b]] + NNN^5\*SumAx1[[c]]\*SumSx1[[a]]\*SumSx1Ay1[[d,b]] - NNN^5\*SumAx1[[a]]\*SumSx1[[c]]\*SumSx1Ay1[[d,b]] - NNN^5\*SumSx1A12[[a]]\*SumSx1Ay1[[d,b]] + NNN^5\*SumSx1A12[[c]]\*SumSx1Ay1[[d,b]] - NNN^6\*SumSx1Ay1[[a,c]]\*SumSx1Ay1[[d,b]] + NNN^6\*SumSx1Ay1[[c,a]]\*SumSx1Ay1[[d,b]] + NNN^4\*SumS12\*SumSx1Ay2A12[[a,c]] - NNN^5\*SumSx1[[b]]\*SumSx1Ay2A12[[a,c]] - NNN^5\*SumSx1[[d]]\*SumSx1Ay2A12[[a,c]] + NNN^6\*sab[[b,d]]\*SumSx1Ay2A12[[a,c]] + NNN^4\*SumS12\*SumSx1Ay2A12[[a,d]] - NNN^5\*SumSx1[[b]]\*SumSx1Ay2A12[[a,d]] - NNN^5\*SumSx1[[c]]\*SumSx1Ay2A12[[a,d]] + NNN^6\*sab[[b,c]]\*SumSx1Ay2A12[[a,d]] + NNN^4\*SumS12\*SumSx1Ay2A12[[b,c]] - 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NNN^6\*aab[[b,d]]\*SumSx1S12Ay2[[a,c]] + NNN^5\*SumAx1[[b]]\*SumSx1S12Ay2[[a,d]] - NNN^5\*SumAx1[[c]]\*SumSx1S12Ay2[[a,d]] - NNN^6\*aab[[b,c]]\*SumSx1S12Ay2[[a,d]] + NNN^5\*SumAx1[[a]]\*SumSx1S12Ay2[[b,c]] - NNN^5\*SumAx1[[d]]\*SumSx1S12Ay2[[b,c]] - NNN^6\*aab[[a,d]]\*SumSx1S12Ay2[[b,c]] + NNN^5\*SumAx1[[a]]\*SumSx1S12Ay2[[b,d]] - NNN^5\*SumAx1[[c]]\*SumSx1S12Ay2[[b,d]] - NNN^6\*aab[[a,c]]\*SumSx1S12Ay2[[b,d]] - NNN^5\*SumAx1[[b]]\*SumSx1S12Ay2[[c,a]] + NNN^5\*SumAx1[[d]]\*SumSx1S12Ay2[[c,a]] + NNN^6\*aab[[b,d]]\*SumSx1S12Ay2[[c,a]] - NNN^5\*SumAx1[[a]]\*SumSx1S12Ay2[[c,b]] + NNN^5\*SumAx1[[d]]\*SumSx1S12Ay2[[c,b]] + NNN^6\*aab[[a,d]]\*SumSx1S12Ay2[[c,b]] - NNN^5\*SumAx1[[b]]\*SumSx1S12Ay2[[d,a]] + NNN^5\*SumAx1[[c]]\*SumSx1S12Ay2[[d,a]] + NNN^6\*aab[[b,c]]\*SumSx1S12Ay2[[d,a]] - NNN^5\*SumAx1[[a]]\*SumSx1S12Ay2[[d,b]] + NNN^5\*SumAx1[[c]]\*SumSx1S12Ay2[[d,b]] + NNN^6\*aab[[a,c]]\*SumSx1S12Ay2[[d,b]] + NNN^4\*SumA12A13\*SumSx1Sy1[[a,c]] - NNN^3\*SumS12^2\*SumSx1Sy1[[a,c]] + NNN^4\*SumS12S13\*SumSx1Sy1[[a,c]] - 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NNN^5\*SumAx1[[b]]\*SumSx1Sy2A12[[a,c]] + NNN^5\*SumAx1[[d]]\*SumSx1Sy2A12[[a,c]] + NNN^6\*aab[[b,d]]\*SumSx1Sy2A12[[a,c]] - NNN^5\*SumAx1[[b]]\*SumSx1Sy2A12[[a,d]] + NNN^5\*SumAx1[[c]]\*SumSx1Sy2A12[[a,d]] + NNN^6\*aab[[b,c]]\*SumSx1Sy2A12[[a,d]] - NNN^5\*SumAx1[[a]]\*SumSx1Sy2A12[[b,c]] + NNN^5\*SumAx1[[d]]\*SumSx1Sy2A12[[b,c]] + NNN^6\*aab[[a,d]]\*SumSx1Sy2A12[[b,c]] - NNN^5\*SumAx1[[a]]\*SumSx1Sy2A12[[b,d]] + NNN^5\*SumAx1[[c]]\*SumSx1Sy2A12[[b,d]] + NNN^6\*aab[[a,c]]\*SumSx1Sy2A12[[b,d]] + NNN^4\*SumS12\*SumSx1Sy2S12[[a,c]] - NNN^5\*SumSx1[[b]]\*SumSx1Sy2S12[[a,c]] - NNN^5\*SumSx1[[d]]\*SumSx1Sy2S12[[a,c]] + NNN^6\*sab[[b,d]]\*SumSx1Sy2S12[[a,c]] + NNN^4\*SumS12\*SumSx1Sy2S12[[a,d]] - NNN^5\*SumSx1[[b]]\*SumSx1Sy2S12[[a,d]] - NNN^5\*SumSx1[[c]]\*SumSx1Sy2S12[[a,d]] + NNN^6\*sab[[b,c]]\*SumSx1Sy2S12[[a,d]] + NNN^4\*SumS12\*SumSx1Sy2S12[[b,c]] - NNN^5\*SumSx1[[a]]\*SumSx1Sy2S12[[b,c]] - NNN^5\*SumSx1[[d]]\*SumSx1Sy2S12[[b,c]] + NNN^6\*sab[[a,d]]\*SumSx1Sy2S12[[b,c]] + NNN^4\*SumS12\*SumSx1Sy2S12[[b,d]] - NNN^5\*SumSx1[[a]]\*SumSx1Sy2S12[[b,d]] - NNN^5\*SumSx1[[c]]\*SumSx1Sy2S12[[b,d]] + NNN^6\*sab[[a,c]]\*SumSx1Sy2S12[[b,d]] - NNN^5\*SumSx1Sy2S13S23[[a,c]] + NNN^6\*KroneckerDelta[b, d]\*SumSx1Sy2S13S23[[a,c]] - NNN^5\*SumSx1Sy2S13S23[[a,d]] + NNN^6\*KroneckerDelta[b, c]\*SumSx1Sy2S13S23[[a,d]] - NNN^5\*SumSx1Sy2S13S23[[b,c]] + NNN\*KroneckerDelta[a, d]\*(-(NNN^2\*SumA12A13^2) - NNN^3\*SumA12A13A24A45 + 3\*NNN\*SumA12A13\*SumS12^2 - SumS12^4 - 2\*NNN^2\*SumS12\*SumS12A13A24 + 4\*NNN^2\*SumS12\*SumS12A13A34 - 2\*NNN^2\*SumA12A13\*SumS12S13 + 3\*NNN\*SumS12^2\*SumS12S13 - NNN^2\*SumS12S13^2 + NNN^3\*SumS12S13A24A35 - 2\*NNN^3\*SumS12S13A24A45 - 2\*NNN^2\*SumS12\*SumS12S13S24 + NNN^3\*SumS12S34A13A25 - NNN^3\*SumS12S34A13A45 + NNN^3\*SumS12S34A15A35 + NNN^3\*SumSp4 - NNN^3\*SumA12A13\*SumAx1A12[[c]] + NNN^2\*SumS12^2\*SumAx1A12[[c]] - NNN^3\*SumS12S13\*SumAx1A12[[c]] + NNN^4\*SumAx1[[c]]\*SumAx1A12A23[[b]] - NNN^4\*SumAx1A12A23A34[[b]] - NNN^4\*SumAx1A12A23A34[[c]] + NNN^3\*SumS12\*SumAx1[[c]]\*SumS12Ax1[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumS12Ax1[[c]] - NNN^3\*SumS12\*SumS12Ax1A23[[b]] - NNN^3\*SumS12\*SumS12Ax1A23[[c]] + NNN^3\*SumS12\*SumS12Ax3A13[[b]] + NNN^3\*SumS12\*SumS12Ax3A13[[c]] - NNN^4\*SumAx1[[c]]\*SumS12S13Ax2[[b]] + NNN^4\*SumS12S13Ax2A34[[b]] + NNN^4\*SumS12S13Ax2A34[[c]] - NNN^4\*SumS12S13Ax4A24[[b]] - NNN^4\*SumS12S13Ax4A24[[c]] + NNN^4\*SumS12S34Ax1A23[[b]] + NNN^4\*SumS12S34Ax1A23[[c]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[b]] + NNN\*SumS12^3\*SumSx1[[b]] + NNN^3\*SumS12A13A24\*SumSx1[[b]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[b]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[b]] + NNN^3\*SumS12S13S24\*SumSx1[[b]] - NNN^3\*SumS12\*SumAx1A12[[c]]\*SumSx1[[b]] + NNN^4\*SumS12Ax1A23[[c]]\*SumSx1[[b]] - NNN^4\*SumS12Ax3A13[[c]]\*SumSx1[[b]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[c]] + NNN\*SumS12^3\*SumSx1[[c]] + NNN^3\*SumS12A13A24\*SumSx1[[c]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[c]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[c]] + NNN^3\*SumS12S13S24\*SumSx1[[c]] + NNN^4\*SumS12Ax1A23[[b]]\*SumSx1[[c]] - NNN^4\*SumS12Ax3A13[[b]]\*SumSx1[[c]] + NNN^3\*SumA12A13\*SumSx1[[b]]\*SumSx1[[c]] - NNN^2\*SumS12^2\*SumSx1[[b]]\*SumSx1[[c]] + NNN^3\*SumS12S13\*SumSx1[[b]]\*SumSx1[[c]] + NNN^3\*SumS12\*SumAx1[[c]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[c]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumSx1A12[[c]] - NNN^4\*SumSx1A12[[b]]\*SumSx1A12[[c]] - NNN^3\*SumS12\*SumSx1A12A23[[b]] + NNN^4\*SumSx1[[c]]\*SumSx1A12A23[[b]] - NNN^3\*SumS12\*SumSx1A12A23[[c]] + NNN^4\*SumSx1[[b]]\*SumSx1A12A23[[c]] + NNN^3\*SumA12A13\*SumSx1S12[[b]] - NNN^2\*SumS12^2\*SumSx1S12[[b]] + NNN^3\*SumS12S13\*SumSx1S12[[b]] + NNN^4\*SumAx1A12[[c]]\*SumSx1S12[[b]] + NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1S12[[b]] + NNN^3\*SumA12A13\*SumSx1S12[[c]] - NNN^2\*SumS12^2\*SumSx1S12[[c]] + NNN^3\*SumS12S13\*SumSx1S12[[c]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1S12[[c]] - NNN^4\*SumSx1S12[[b]]\*SumSx1S12[[c]] - NNN^2\*SumAx1A12[[b]]\*(NNN\*SumA12A13 - SumS12^2 + NNN\*SumS12S13 + NNN^2\*SumAx1A12[[c]] + NNN\*SumS12\*SumSx1[[c]] - NNN^2\*SumSx1S12[[c]]) - NNN^4\*SumAx1[[c]]\*SumSx1S12A23[[b]] + NNN^4\*SumSx1S12A23A34[[b]] + NNN^4\*SumSx1S12A23A34[[c]] + NNN^3\*SumS12\*SumSx1S12S23[[b]] - NNN^4\*SumSx1[[c]]\*SumSx1S12S23[[b]] + NNN^3\*SumS12\*SumSx1S12S23[[c]] - NNN^4\*SumSx1[[b]]\*SumSx1S12S23[[c]] - NNN^4\*SumSx1S12S23S34[[b]] - NNN^4\*SumSx1S12S23S34[[c]] - NNN^4\*SumAx1[[c]]\*SumSx1S23A12[[b]] + NNN^2\*SumAx1[[b]]\*((-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumAx1[[c]] + NNN\*(NNN\*SumAx1A12A23[[c]] + SumS12\*SumS12Ax1[[c]] - NNN\*SumS12S13Ax2[[c]] + SumS12\*SumSx1A12[[c]] - NNN\*SumSx1S12A23[[c]] - NNN\*SumSx1S23A12[[c]])) + NNN^4\*SumSx1S23A12A34[[b]] + NNN^4\*SumSx1S23A12A34[[c]] - NNN^4\*SumSx1S23A14A24[[b]] - NNN^4\*SumSx1S23A14A24[[c]] + NNN^5\*SumA13A23Ax1Ay2[[b,c]] + NNN^5\*SumS12S13Ax2Ay3[[b,c]] + NNN^5\*SumS12S1yA23Ax3[[b,c]] + NNN^5\*SumS12S1yA23Ax3[[c,b]] + NNN^5\*SumS1xS2yA13A23[[b,c]] + NNN^5\*SumS1yS23A13Ax2[[b,c]] + NNN^5\*SumS1yS23A13Ax2[[c,b]] + NNN^5\*SumSx1Sy2S13S23[[b,c]]) - NNN^5\*SumSx1Sy2S13S23[[b,d]] + NNN\*KroneckerDelta[a, c]\*(-(NNN^2\*SumA12A13^2) - NNN^3\*SumA12A13A24A45 + 3\*NNN\*SumA12A13\*SumS12^2 - SumS12^4 - 2\*NNN^2\*SumS12\*SumS12A13A24 + 4\*NNN^2\*SumS12\*SumS12A13A34 - 2\*NNN^2\*SumA12A13\*SumS12S13 + 3\*NNN\*SumS12^2\*SumS12S13 - NNN^2\*SumS12S13^2 + NNN^3\*SumS12S13A24A35 - 2\*NNN^3\*SumS12S13A24A45 - 2\*NNN^2\*SumS12\*SumS12S13S24 + NNN^3\*SumS12S34A13A25 - NNN^3\*SumS12S34A13A45 + NNN^3\*SumS12S34A15A35 + NNN^3\*SumSp4 - NNN^3\*SumA12A13\*SumAx1A12[[d]] + NNN^2\*SumS12^2\*SumAx1A12[[d]] - NNN^3\*SumS12S13\*SumAx1A12[[d]] + NNN^4\*SumAx1[[d]]\*SumAx1A12A23[[b]] - NNN^4\*SumAx1A12A23A34[[b]] - NNN^4\*SumAx1A12A23A34[[d]] + NNN^3\*SumS12\*SumAx1[[d]]\*SumS12Ax1[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumS12Ax1[[d]] - NNN^3\*SumS12\*SumS12Ax1A23[[b]] - NNN^3\*SumS12\*SumS12Ax1A23[[d]] + NNN^3\*SumS12\*SumS12Ax3A13[[b]] + NNN^3\*SumS12\*SumS12Ax3A13[[d]] - NNN^4\*SumAx1[[d]]\*SumS12S13Ax2[[b]] + NNN^4\*SumS12S13Ax2A34[[b]] + NNN^4\*SumS12S13Ax2A34[[d]] - NNN^4\*SumS12S13Ax4A24[[b]] - NNN^4\*SumS12S13Ax4A24[[d]] + NNN^4\*SumS12S34Ax1A23[[b]] + NNN^4\*SumS12S34Ax1A23[[d]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[b]] + NNN\*SumS12^3\*SumSx1[[b]] + NNN^3\*SumS12A13A24\*SumSx1[[b]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[b]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[b]] + NNN^3\*SumS12S13S24\*SumSx1[[b]] - NNN^3\*SumS12\*SumAx1A12[[d]]\*SumSx1[[b]] + NNN^4\*SumS12Ax1A23[[d]]\*SumSx1[[b]] - NNN^4\*SumS12Ax3A13[[d]]\*SumSx1[[b]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[d]] + NNN\*SumS12^3\*SumSx1[[d]] + NNN^3\*SumS12A13A24\*SumSx1[[d]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[d]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[d]] + NNN^3\*SumS12S13S24\*SumSx1[[d]] + NNN^4\*SumS12Ax1A23[[b]]\*SumSx1[[d]] - NNN^4\*SumS12Ax3A13[[b]]\*SumSx1[[d]] + NNN^3\*SumA12A13\*SumSx1[[b]]\*SumSx1[[d]] - NNN^2\*SumS12^2\*SumSx1[[b]]\*SumSx1[[d]] + NNN^3\*SumS12S13\*SumSx1[[b]]\*SumSx1[[d]] + NNN^3\*SumS12\*SumAx1[[d]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[d]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumSx1A12[[d]] - NNN^4\*SumSx1A12[[b]]\*SumSx1A12[[d]] - NNN^3\*SumS12\*SumSx1A12A23[[b]] + NNN^4\*SumSx1[[d]]\*SumSx1A12A23[[b]] - NNN^3\*SumS12\*SumSx1A12A23[[d]] + NNN^4\*SumSx1[[b]]\*SumSx1A12A23[[d]] + NNN^3\*SumA12A13\*SumSx1S12[[b]] - NNN^2\*SumS12^2\*SumSx1S12[[b]] + NNN^3\*SumS12S13\*SumSx1S12[[b]] + NNN^4\*SumAx1A12[[d]]\*SumSx1S12[[b]] + NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1S12[[b]] + NNN^3\*SumA12A13\*SumSx1S12[[d]] - NNN^2\*SumS12^2\*SumSx1S12[[d]] + NNN^3\*SumS12S13\*SumSx1S12[[d]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1S12[[d]] - NNN^4\*SumSx1S12[[b]]\*SumSx1S12[[d]] - NNN^2\*SumAx1A12[[b]]\*(NNN\*SumA12A13 - SumS12^2 + NNN\*SumS12S13 + NNN^2\*SumAx1A12[[d]] + NNN\*SumS12\*SumSx1[[d]] - NNN^2\*SumSx1S12[[d]]) - NNN^4\*SumAx1[[d]]\*SumSx1S12A23[[b]] + NNN^4\*SumSx1S12A23A34[[b]] + NNN^4\*SumSx1S12A23A34[[d]] + NNN^3\*SumS12\*SumSx1S12S23[[b]] - NNN^4\*SumSx1[[d]]\*SumSx1S12S23[[b]] + NNN^3\*SumS12\*SumSx1S12S23[[d]] - NNN^4\*SumSx1[[b]]\*SumSx1S12S23[[d]] - NNN^4\*SumSx1S12S23S34[[b]] - NNN^4\*SumSx1S12S23S34[[d]] - NNN^4\*SumAx1[[d]]\*SumSx1S23A12[[b]] + NNN^2\*SumAx1[[b]]\*((-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumAx1[[d]] + NNN\*(NNN\*SumAx1A12A23[[d]] + SumS12\*SumS12Ax1[[d]] - NNN\*SumS12S13Ax2[[d]] + SumS12\*SumSx1A12[[d]] - NNN\*SumSx1S12A23[[d]] - NNN\*SumSx1S23A12[[d]])) + NNN^4\*SumSx1S23A12A34[[b]] + NNN^4\*SumSx1S23A12A34[[d]] - NNN^4\*SumSx1S23A14A24[[b]] - NNN^4\*SumSx1S23A14A24[[d]] + NNN^5\*SumA13A23Ax1Ay2[[b,d]] + NNN^5\*SumS12S13Ax2Ay3[[b,d]] + NNN^5\*SumS12S1yA23Ax3[[b,d]] + NNN^5\*SumS12S1yA23Ax3[[d,b]] + NNN^5\*SumS1xS2yA13A23[[b,d]] + NNN^5\*SumS1yS23A13Ax2[[b,d]] + NNN^5\*SumS1yS23A13Ax2[[d,b]] + NNN^5\*SumSx1Sy2S13S23[[b,d]])))/(16\*NNN^6)

AA::DmDmFuncYallAA: (6)

(3\*(NNN^2\*SumA12A13^2\*KroneckerDelta[b, c] + NNN^3\*SumA12A13A24A45\*KroneckerDelta[b, c] - 3\*NNN\*SumA12A13\*SumS12^2\*KroneckerDelta[b, c] + SumS12^4\*KroneckerDelta[b, c] + 2\*NNN^2\*SumS12\*SumS12A13A24\*KroneckerDelta[b, c] - 4\*NNN^2\*SumS12\*SumS12A13A34\*KroneckerDelta[b, c] + 2\*NNN^2\*SumA12A13\*SumS12S13\*KroneckerDelta[b, c] - 3\*NNN\*SumS12^2\*SumS12S13\*KroneckerDelta[b, c] + NNN^2\*SumS12S13^2\*KroneckerDelta[b, c] - NNN^3\*SumS12S13A24A35\*KroneckerDelta[b, c] + 2\*NNN^3\*SumS12S13A24A45\*KroneckerDelta[b, c] + 2\*NNN^2\*SumS12\*SumS12S13S24\*KroneckerDelta[b, c] - NNN^3\*SumS12S34A13A25\*KroneckerDelta[b, c] + NNN^3\*SumS12S34A13A45\*KroneckerDelta[b, c] - NNN^3\*SumS12S34A15A35\*KroneckerDelta[b, c] - NNN^3\*SumSp4\*KroneckerDelta[b, c] - NNN^2\*SumA12A13^2\*KroneckerDelta[b, d] - NNN^3\*SumA12A13A24A45\*KroneckerDelta[b, d] + 3\*NNN\*SumA12A13\*SumS12^2\*KroneckerDelta[b, d] - SumS12^4\*KroneckerDelta[b, d] - 2\*NNN^2\*SumS12\*SumS12A13A24\*KroneckerDelta[b, d] + 4\*NNN^2\*SumS12\*SumS12A13A34\*KroneckerDelta[b, d] - 2\*NNN^2\*SumA12A13\*SumS12S13\*KroneckerDelta[b, d] + 3\*NNN\*SumS12^2\*SumS12S13\*KroneckerDelta[b, d] - NNN^2\*SumS12S13^2\*KroneckerDelta[b, d] + NNN^3\*SumS12S13A24A35\*KroneckerDelta[b, d] - 2\*NNN^3\*SumS12S13A24A45\*KroneckerDelta[b, d] - 2\*NNN^2\*SumS12\*SumS12S13S24\*KroneckerDelta[b, d] + NNN^3\*SumS12S34A13A25\*KroneckerDelta[b, d] - NNN^3\*SumS12S34A13A45\*KroneckerDelta[b, d] + NNN^3\*SumS12S34A15A35\*KroneckerDelta[b, d] + NNN^3\*SumSp4\*KroneckerDelta[b, d] - 4\*NNN^2\*SumA12A13\*SumAx1[[a]]\*SumAx1[[c]] + 6\*NNN\*SumS12^2\*SumAx1[[a]]\*SumAx1[[c]] - 4\*NNN^2\*SumS12S13\*SumAx1[[a]]\*SumAx1[[c]] + NNN^3\*SumA12A13\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1[[c]] - NNN^2\*SumS12^2\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1[[c]] + NNN^3\*SumS12S13\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1[[c]] + 4\*NNN^2\*SumA12A13\*SumAx1[[b]]\*SumAx1[[c]] - 6\*NNN\*SumS12^2\*SumAx1[[b]]\*SumAx1[[c]] + 4\*NNN^2\*SumS12S13\*SumAx1[[b]]\*SumAx1[[c]] + 4\*NNN^2\*SumA12A13\*SumAx1[[a]]\*SumAx1[[d]] - 6\*NNN\*SumS12^2\*SumAx1[[a]]\*SumAx1[[d]] + 4\*NNN^2\*SumS12S13\*SumAx1[[a]]\*SumAx1[[d]] - NNN^3\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1[[d]] + NNN^2\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1[[d]] - NNN^3\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1[[d]] - 4\*NNN^2\*SumA12A13\*SumAx1[[b]]\*SumAx1[[d]] + 6\*NNN\*SumS12^2\*SumAx1[[b]]\*SumAx1[[d]] - 4\*NNN^2\*SumS12S13\*SumAx1[[b]]\*SumAx1[[d]] + NNN^3\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1A12[[a]] - NNN^2\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1A12[[a]] + NNN^3\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1A12[[a]] - NNN^3\*SumA12A13\*KroneckerDelta[b, d]\*SumAx1A12[[a]] + NNN^2\*SumS12^2\*KroneckerDelta[b, d]\*SumAx1A12[[a]] - NNN^3\*SumS12S13\*KroneckerDelta[b, d]\*SumAx1A12[[a]] + 2\*NNN^3\*SumAx1[[b]]\*SumAx1[[c]]\*SumAx1A12[[a]] - 2\*NNN^3\*SumAx1[[b]]\*SumAx1[[d]]\*SumAx1A12[[a]] - 2\*NNN^3\*SumAx1[[a]]\*SumAx1[[c]]\*SumAx1A12[[b]] + 2\*NNN^3\*SumAx1[[a]]\*SumAx1[[d]]\*SumAx1A12[[b]] - NNN^3\*SumA12A13\*KroneckerDelta[b, d]\*SumAx1A12[[c]] + NNN^2\*SumS12^2\*KroneckerDelta[b, d]\*SumAx1A12[[c]] - NNN^3\*SumS12S13\*KroneckerDelta[b, d]\*SumAx1A12[[c]] + 2\*NNN^3\*SumAx1[[a]]\*SumAx1[[d]]\*SumAx1A12[[c]] - 2\*NNN^3\*SumAx1[[b]]\*SumAx1[[d]]\*SumAx1A12[[c]] - NNN^4\*KroneckerDelta[b, d]\*SumAx1A12[[a]]\*SumAx1A12[[c]] + NNN^3\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1A12[[d]] - NNN^2\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1A12[[d]] + NNN^3\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1A12[[d]] - 2\*NNN^3\*SumAx1[[a]]\*SumAx1[[c]]\*SumAx1A12[[d]] + 2\*NNN^3\*SumAx1[[b]]\*SumAx1[[c]]\*SumAx1A12[[d]] + NNN^4\*KroneckerDelta[b, c]\*SumAx1A12[[a]]\*SumAx1A12[[d]] - 2\*NNN^3\*SumAx1[[c]]\*SumAx1A12A23[[a]] + NNN^4\*KroneckerDelta[b, d]\*SumAx1[[c]]\*SumAx1A12A23[[a]] + 2\*NNN^3\*SumAx1[[d]]\*SumAx1A12A23[[a]] - NNN^4\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumAx1A12A23[[a]] + 2\*NNN^3\*SumAx1[[c]]\*SumAx1A12A23[[b]] - 2\*NNN^3\*SumAx1[[d]]\*SumAx1A12A23[[b]] - 2\*NNN^3\*SumAx1[[a]]\*SumAx1A12A23[[c]] + NNN^4\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumAx1A12A23[[c]] + 2\*NNN^3\*SumAx1[[b]]\*SumAx1A12A23[[c]] + 2\*NNN^3\*SumAx1[[a]]\*SumAx1A12A23[[d]] - NNN^4\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumAx1A12A23[[d]] - 2\*NNN^3\*SumAx1[[b]]\*SumAx1A12A23[[d]] + NNN^4\*KroneckerDelta[b, c]\*SumAx1A12A23A34[[a]] - NNN^4\*KroneckerDelta[b, d]\*SumAx1A12A23A34[[a]] - NNN^4\*KroneckerDelta[b, d]\*SumAx1A12A23A34[[c]] + NNN^4\*KroneckerDelta[b, c]\*SumAx1A12A23A34[[d]] - 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumS12Ax1[[a]] + NNN^3\*SumS12\*KroneckerDelta[b, d]\*SumAx1[[c]]\*SumS12Ax1[[a]] + 4\*NNN^2\*SumS12\*SumAx1[[d]]\*SumS12Ax1[[a]] - NNN^3\*SumS12\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumS12Ax1[[a]] + 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumS12Ax1[[b]] - 4\*NNN^2\*SumS12\*SumAx1[[d]]\*SumS12Ax1[[b]] - 4\*NNN^2\*SumS12\*SumAx1[[a]]\*SumS12Ax1[[c]] + NNN^3\*SumS12\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumS12Ax1[[c]] + 4\*NNN^2\*SumS12\*SumAx1[[b]]\*SumS12Ax1[[c]] + 2\*NNN^3\*SumS12Ax1[[a]]\*SumS12Ax1[[c]] - NNN^4\*KroneckerDelta[b, d]\*SumS12Ax1[[a]]\*SumS12Ax1[[c]] - 2\*NNN^3\*SumS12Ax1[[b]]\*SumS12Ax1[[c]] + 4\*NNN^2\*SumS12\*SumAx1[[a]]\*SumS12Ax1[[d]] - NNN^3\*SumS12\*KroneckerDelta[b, c]\*SumAx1[[a]]\*SumS12Ax1[[d]] - 4\*NNN^2\*SumS12\*SumAx1[[b]]\*SumS12Ax1[[d]] - 2\*NNN^3\*SumS12Ax1[[a]]\*SumS12Ax1[[d]] + NNN^4\*KroneckerDelta[b, c]\*SumS12Ax1[[a]]\*SumS12Ax1[[d]] + 2\*NNN^3\*SumS12Ax1[[b]]\*SumS12Ax1[[d]] + NNN^3\*SumS12\*KroneckerDelta[b, c]\*SumS12Ax1A23[[a]] - NNN^3\*SumS12\*KroneckerDelta[b, d]\*SumS12Ax1A23[[a]] - NNN^3\*SumS12\*KroneckerDelta[b, d]\*SumS12Ax1A23[[c]] + NNN^3\*SumS12\*KroneckerDelta[b, c]\*SumS12Ax1A23[[d]] - NNN^3\*SumS12\*KroneckerDelta[b, c]\*SumS12Ax3A13[[a]] + NNN^3\*SumS12\*KroneckerDelta[b, d]\*SumS12Ax3A13[[a]] + NNN^3\*SumS12\*KroneckerDelta[b, d]\*SumS12Ax3A13[[c]] - NNN^3\*SumS12\*KroneckerDelta[b, c]\*SumS12Ax3A13[[d]] + 2\*NNN^3\*SumAx1[[c]]\*SumS12S13Ax2[[a]] - NNN^4\*KroneckerDelta[b, d]\*SumAx1[[c]]\*SumS12S13Ax2[[a]] - 2\*NNN^3\*SumAx1[[d]]\*SumS12S13Ax2[[a]] + NNN^4\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumS12S13Ax2[[a]] - 2\*NNN^3\*SumAx1[[c]]\*SumS12S13Ax2[[b]] + 2\*NNN^3\*SumAx1[[d]]\*SumS12S13Ax2[[b]] + 2\*NNN^3\*SumAx1[[a]]\*SumS12S13Ax2[[c]] - NNN^4\*KroneckerDelta[b, d]\*SumAx1[[a]]\*SumS12S13Ax2[[c]] - 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NNN^4\*SumSx1[[b]]\*SumSx1Ay2A12[[a,c]] - NNN^4\*SumSx1[[d]]\*SumSx1Ay2A12[[a,c]] + NNN^5\*sab[[b,d]]\*SumSx1Ay2A12[[a,c]] - NNN^3\*SumS12\*SumSx1Ay2A12[[a,d]] + NNN^4\*SumSx1[[b]]\*SumSx1Ay2A12[[a,d]] + NNN^4\*SumSx1[[c]]\*SumSx1Ay2A12[[a,d]] - NNN^5\*sab[[b,c]]\*SumSx1Ay2A12[[a,d]] - NNN^3\*SumS12\*SumSx1Ay2A12[[b,c]] + NNN^4\*SumSx1[[a]]\*SumSx1Ay2A12[[b,c]] + NNN^4\*SumSx1[[d]]\*SumSx1Ay2A12[[b,c]] - NNN^5\*sab[[a,d]]\*SumSx1Ay2A12[[b,c]] + NNN^3\*SumS12\*SumSx1Ay2A12[[b,d]] - NNN^4\*SumSx1[[a]]\*SumSx1Ay2A12[[b,d]] - NNN^4\*SumSx1[[c]]\*SumSx1Ay2A12[[b,d]] + NNN^5\*sab[[a,c]]\*SumSx1Ay2A12[[b,d]] + NNN^3\*SumS12\*SumSx1Ay2A12[[c,a]] - NNN^4\*SumSx1[[b]]\*SumSx1Ay2A12[[c,a]] - NNN^4\*SumSx1[[d]]\*SumSx1Ay2A12[[c,a]] + NNN^5\*sab[[b,d]]\*SumSx1Ay2A12[[c,a]] - NNN^3\*SumS12\*SumSx1Ay2A12[[c,b]] + NNN^4\*SumSx1[[a]]\*SumSx1Ay2A12[[c,b]] + NNN^4\*SumSx1[[d]]\*SumSx1Ay2A12[[c,b]] - NNN^5\*sab[[a,d]]\*SumSx1Ay2A12[[c,b]] - NNN^3\*SumS12\*SumSx1Ay2A12[[d,a]] + NNN^4\*SumSx1[[b]]\*SumSx1Ay2A12[[d,a]] + NNN^4\*SumSx1[[c]]\*SumSx1Ay2A12[[d,a]] - NNN^5\*sab[[b,c]]\*SumSx1Ay2A12[[d,a]] + NNN^3\*SumS12\*SumSx1Ay2A12[[d,b]] - NNN^4\*SumSx1[[a]]\*SumSx1Ay2A12[[d,b]] - NNN^4\*SumSx1[[c]]\*SumSx1Ay2A12[[d,b]] + NNN^5\*sab[[a,c]]\*SumSx1Ay2A12[[d,b]] + NNN^4\*SumAx1[[b]]\*SumSx1S12Ay2[[a,c]] - NNN^4\*SumAx1[[d]]\*SumSx1S12Ay2[[a,c]] - NNN^5\*aab[[b,d]]\*SumSx1S12Ay2[[a,c]] - NNN^4\*SumAx1[[b]]\*SumSx1S12Ay2[[a,d]] + NNN^4\*SumAx1[[c]]\*SumSx1S12Ay2[[a,d]] + NNN^5\*aab[[b,c]]\*SumSx1S12Ay2[[a,d]] - NNN^4\*SumAx1[[a]]\*SumSx1S12Ay2[[b,c]] + NNN^4\*SumAx1[[d]]\*SumSx1S12Ay2[[b,c]] + NNN^5\*aab[[a,d]]\*SumSx1S12Ay2[[b,c]] + NNN^4\*SumAx1[[a]]\*SumSx1S12Ay2[[b,d]] - NNN^4\*SumAx1[[c]]\*SumSx1S12Ay2[[b,d]] - NNN^5\*aab[[a,c]]\*SumSx1S12Ay2[[b,d]] - NNN^4\*SumAx1[[b]]\*SumSx1S12Ay2[[c,a]] + NNN^4\*SumAx1[[d]]\*SumSx1S12Ay2[[c,a]] + NNN^5\*aab[[b,d]]\*SumSx1S12Ay2[[c,a]] + NNN^4\*SumAx1[[a]]\*SumSx1S12Ay2[[c,b]] - NNN^4\*SumAx1[[d]]\*SumSx1S12Ay2[[c,b]] - NNN^5\*aab[[a,d]]\*SumSx1S12Ay2[[c,b]] + NNN^4\*SumAx1[[b]]\*SumSx1S12Ay2[[d,a]] - NNN^4\*SumAx1[[c]]\*SumSx1S12Ay2[[d,a]] - NNN^5\*aab[[b,c]]\*SumSx1S12Ay2[[d,a]] - NNN^4\*SumAx1[[a]]\*SumSx1S12Ay2[[d,b]] + NNN^4\*SumAx1[[c]]\*SumSx1S12Ay2[[d,b]] + NNN^5\*aab[[a,c]]\*SumSx1S12Ay2[[d,b]] + NNN^3\*SumA12A13\*SumSx1Sy1[[a,c]] - NNN^2\*SumS12^2\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12S13\*SumSx1Sy1[[a,c]] - NNN^4\*SumAx1[[b]]\*SumAx1[[d]]\*SumSx1Sy1[[a,c]] + NNN^4\*SumAx1A12[[b]]\*SumSx1Sy1[[a,c]] + NNN^4\*SumAx1A12[[d]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumSx1[[b]]\*SumSx1[[d]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumSx1S12[[b]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumSx1S12[[d]]\*SumSx1Sy1[[a,c]] + NNN^5\*SumAx1Ay1[[b,d]]\*SumSx1Sy1[[a,c]] - NNN^3\*SumA12A13\*SumSx1Sy1[[a,d]] + NNN^2\*SumS12^2\*SumSx1Sy1[[a,d]] - NNN^3\*SumS12S13\*SumSx1Sy1[[a,d]] + NNN^4\*SumAx1[[b]]\*SumAx1[[c]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumAx1A12[[b]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumAx1A12[[c]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumSx1[[b]]\*SumSx1[[c]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumSx1S12[[b]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumSx1S12[[c]]\*SumSx1Sy1[[a,d]] - NNN^5\*SumAx1Ay1[[b,c]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumA12A13\*SumSx1Sy1[[b,c]] + NNN^2\*SumS12^2\*SumSx1Sy1[[b,c]] - NNN^3\*SumS12S13\*SumSx1Sy1[[b,c]] + NNN^4\*SumAx1[[a]]\*SumAx1[[d]]\*SumSx1Sy1[[b,c]] - NNN^4\*SumAx1A12[[a]]\*SumSx1Sy1[[b,c]] - NNN^4\*SumAx1A12[[d]]\*SumSx1Sy1[[b,c]] - NNN^3\*SumS12\*SumSx1[[a]]\*SumSx1Sy1[[b,c]] - NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumSx1[[a]]\*SumSx1[[d]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumSx1S12[[a]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumSx1S12[[d]]\*SumSx1Sy1[[b,c]] - NNN^5\*SumAx1Ay1[[a,d]]\*SumSx1Sy1[[b,c]] - NNN^5\*SumSx1Sy1[[a,d]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumA12A13\*SumSx1Sy1[[b,d]] - NNN^2\*SumS12^2\*SumSx1Sy1[[b,d]] + NNN^3\*SumS12S13\*SumSx1Sy1[[b,d]] - NNN^4\*SumAx1[[a]]\*SumAx1[[c]]\*SumSx1Sy1[[b,d]] + NNN^4\*SumAx1A12[[a]]\*SumSx1Sy1[[b,d]] + NNN^4\*SumAx1A12[[c]]\*SumSx1Sy1[[b,d]] + NNN^3\*SumS12\*SumSx1[[a]]\*SumSx1Sy1[[b,d]] + NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1[[a]]\*SumSx1[[c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1S12[[a]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1S12[[c]]\*SumSx1Sy1[[b,d]] + NNN^5\*SumAx1Ay1[[a,c]]\*SumSx1Sy1[[b,d]] + NNN^5\*SumSx1Sy1[[a,c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumAx1[[b]]\*SumSx1Sy2A12[[a,c]] + NNN^4\*SumAx1[[d]]\*SumSx1Sy2A12[[a,c]] + NNN^5\*aab[[b,d]]\*SumSx1Sy2A12[[a,c]] + NNN^4\*SumAx1[[b]]\*SumSx1Sy2A12[[a,d]] - NNN^4\*SumAx1[[c]]\*SumSx1Sy2A12[[a,d]] - NNN^5\*aab[[b,c]]\*SumSx1Sy2A12[[a,d]] + NNN^4\*SumAx1[[a]]\*SumSx1Sy2A12[[b,c]] - NNN^4\*SumAx1[[d]]\*SumSx1Sy2A12[[b,c]] - NNN^5\*aab[[a,d]]\*SumSx1Sy2A12[[b,c]] - NNN^4\*SumAx1[[a]]\*SumSx1Sy2A12[[b,d]] + NNN^4\*SumAx1[[c]]\*SumSx1Sy2A12[[b,d]] + NNN^5\*aab[[a,c]]\*SumSx1Sy2A12[[b,d]] + NNN^3\*SumS12\*SumSx1Sy2S12[[a,c]] - NNN^4\*SumSx1[[b]]\*SumSx1Sy2S12[[a,c]] - NNN^4\*SumSx1[[d]]\*SumSx1Sy2S12[[a,c]] + NNN^5\*sab[[b,d]]\*SumSx1Sy2S12[[a,c]] - NNN^3\*SumS12\*SumSx1Sy2S12[[a,d]] + NNN^4\*SumSx1[[b]]\*SumSx1Sy2S12[[a,d]] + NNN^4\*SumSx1[[c]]\*SumSx1Sy2S12[[a,d]] - NNN^5\*sab[[b,c]]\*SumSx1Sy2S12[[a,d]] - NNN^3\*SumS12\*SumSx1Sy2S12[[b,c]] + NNN^4\*SumSx1[[a]]\*SumSx1Sy2S12[[b,c]] + NNN^4\*SumSx1[[d]]\*SumSx1Sy2S12[[b,c]] - NNN^5\*sab[[a,d]]\*SumSx1Sy2S12[[b,c]] + NNN^3\*SumS12\*SumSx1Sy2S12[[b,d]] - NNN^4\*SumSx1[[a]]\*SumSx1Sy2S12[[b,d]] - NNN^4\*SumSx1[[c]]\*SumSx1Sy2S12[[b,d]] + NNN^5\*sab[[a,c]]\*SumSx1Sy2S12[[b,d]] - NNN^4\*SumSx1Sy2S13S23[[a,c]] + NNN^5\*KroneckerDelta[b, d]\*SumSx1Sy2S13S23[[a,c]] + NNN^4\*SumSx1Sy2S13S23[[a,d]] - NNN^5\*KroneckerDelta[b, c]\*SumSx1Sy2S13S23[[a,d]] + NNN^4\*SumSx1Sy2S13S23[[b,c]] - KroneckerDelta[a, d]\*(-(NNN^2\*SumA12A13^2) - NNN^3\*SumA12A13A24A45 + 3\*NNN\*SumA12A13\*SumS12^2 - SumS12^4 - 2\*NNN^2\*SumS12\*SumS12A13A24 + 4\*NNN^2\*SumS12\*SumS12A13A34 - 2\*NNN^2\*SumA12A13\*SumS12S13 + 3\*NNN\*SumS12^2\*SumS12S13 - NNN^2\*SumS12S13^2 + NNN^3\*SumS12S13A24A35 - 2\*NNN^3\*SumS12S13A24A45 - 2\*NNN^2\*SumS12\*SumS12S13S24 + NNN^3\*SumS12S34A13A25 - NNN^3\*SumS12S34A13A45 + NNN^3\*SumS12S34A15A35 + NNN^3\*SumSp4 - NNN^3\*SumA12A13\*SumAx1A12[[c]] + NNN^2\*SumS12^2\*SumAx1A12[[c]] - NNN^3\*SumS12S13\*SumAx1A12[[c]] + NNN^4\*SumAx1[[c]]\*SumAx1A12A23[[b]] - NNN^4\*SumAx1A12A23A34[[b]] - NNN^4\*SumAx1A12A23A34[[c]] + NNN^3\*SumS12\*SumAx1[[c]]\*SumS12Ax1[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumS12Ax1[[c]] - NNN^3\*SumS12\*SumS12Ax1A23[[b]] - NNN^3\*SumS12\*SumS12Ax1A23[[c]] + NNN^3\*SumS12\*SumS12Ax3A13[[b]] + NNN^3\*SumS12\*SumS12Ax3A13[[c]] - NNN^4\*SumAx1[[c]]\*SumS12S13Ax2[[b]] + NNN^4\*SumS12S13Ax2A34[[b]] + NNN^4\*SumS12S13Ax2A34[[c]] - NNN^4\*SumS12S13Ax4A24[[b]] - NNN^4\*SumS12S13Ax4A24[[c]] + NNN^4\*SumS12S34Ax1A23[[b]] + NNN^4\*SumS12S34Ax1A23[[c]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[b]] + NNN\*SumS12^3\*SumSx1[[b]] + NNN^3\*SumS12A13A24\*SumSx1[[b]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[b]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[b]] + NNN^3\*SumS12S13S24\*SumSx1[[b]] - NNN^3\*SumS12\*SumAx1A12[[c]]\*SumSx1[[b]] + NNN^4\*SumS12Ax1A23[[c]]\*SumSx1[[b]] - NNN^4\*SumS12Ax3A13[[c]]\*SumSx1[[b]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[c]] + NNN\*SumS12^3\*SumSx1[[c]] + NNN^3\*SumS12A13A24\*SumSx1[[c]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[c]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[c]] + NNN^3\*SumS12S13S24\*SumSx1[[c]] + NNN^4\*SumS12Ax1A23[[b]]\*SumSx1[[c]] - NNN^4\*SumS12Ax3A13[[b]]\*SumSx1[[c]] + NNN^3\*SumA12A13\*SumSx1[[b]]\*SumSx1[[c]] - NNN^2\*SumS12^2\*SumSx1[[b]]\*SumSx1[[c]] + NNN^3\*SumS12S13\*SumSx1[[b]]\*SumSx1[[c]] + NNN^3\*SumS12\*SumAx1[[c]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[c]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumSx1A12[[c]] - NNN^4\*SumSx1A12[[b]]\*SumSx1A12[[c]] - NNN^3\*SumS12\*SumSx1A12A23[[b]] + NNN^4\*SumSx1[[c]]\*SumSx1A12A23[[b]] - NNN^3\*SumS12\*SumSx1A12A23[[c]] + NNN^4\*SumSx1[[b]]\*SumSx1A12A23[[c]] + NNN^3\*SumA12A13\*SumSx1S12[[b]] - NNN^2\*SumS12^2\*SumSx1S12[[b]] + NNN^3\*SumS12S13\*SumSx1S12[[b]] + NNN^4\*SumAx1A12[[c]]\*SumSx1S12[[b]] + NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1S12[[b]] + NNN^3\*SumA12A13\*SumSx1S12[[c]] - NNN^2\*SumS12^2\*SumSx1S12[[c]] + NNN^3\*SumS12S13\*SumSx1S12[[c]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1S12[[c]] - NNN^4\*SumSx1S12[[b]]\*SumSx1S12[[c]] - NNN^2\*SumAx1A12[[b]]\*(NNN\*SumA12A13 - SumS12^2 + NNN\*SumS12S13 + NNN^2\*SumAx1A12[[c]] + NNN\*SumS12\*SumSx1[[c]] - NNN^2\*SumSx1S12[[c]]) - NNN^4\*SumAx1[[c]]\*SumSx1S12A23[[b]] + NNN^4\*SumSx1S12A23A34[[b]] + NNN^4\*SumSx1S12A23A34[[c]] + NNN^3\*SumS12\*SumSx1S12S23[[b]] - NNN^4\*SumSx1[[c]]\*SumSx1S12S23[[b]] + NNN^3\*SumS12\*SumSx1S12S23[[c]] - NNN^4\*SumSx1[[b]]\*SumSx1S12S23[[c]] - NNN^4\*SumSx1S12S23S34[[b]] - NNN^4\*SumSx1S12S23S34[[c]] - NNN^4\*SumAx1[[c]]\*SumSx1S23A12[[b]] + NNN^2\*SumAx1[[b]]\*((-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumAx1[[c]] + NNN\*(NNN\*SumAx1A12A23[[c]] + SumS12\*SumS12Ax1[[c]] - NNN\*SumS12S13Ax2[[c]] + SumS12\*SumSx1A12[[c]] - NNN\*SumSx1S12A23[[c]] - NNN\*SumSx1S23A12[[c]])) + NNN^4\*SumSx1S23A12A34[[b]] + NNN^4\*SumSx1S23A12A34[[c]] - NNN^4\*SumSx1S23A14A24[[b]] - NNN^4\*SumSx1S23A14A24[[c]] + NNN^5\*SumA13A23Ax1Ay2[[b,c]] + NNN^5\*SumS12S13Ax2Ay3[[b,c]] + NNN^5\*SumS12S1yA23Ax3[[b,c]] + NNN^5\*SumS12S1yA23Ax3[[c,b]] + NNN^5\*SumS1xS2yA13A23[[b,c]] + NNN^5\*SumS1yS23A13Ax2[[b,c]] + NNN^5\*SumS1yS23A13Ax2[[c,b]] + NNN^5\*SumSx1Sy2S13S23[[b,c]]) - NNN^4\*SumSx1Sy2S13S23[[b,d]] + KroneckerDelta[a, c]\*(-(NNN^2\*SumA12A13^2) - NNN^3\*SumA12A13A24A45 + 3\*NNN\*SumA12A13\*SumS12^2 - SumS12^4 - 2\*NNN^2\*SumS12\*SumS12A13A24 + 4\*NNN^2\*SumS12\*SumS12A13A34 - 2\*NNN^2\*SumA12A13\*SumS12S13 + 3\*NNN\*SumS12^2\*SumS12S13 - NNN^2\*SumS12S13^2 + NNN^3\*SumS12S13A24A35 - 2\*NNN^3\*SumS12S13A24A45 - 2\*NNN^2\*SumS12\*SumS12S13S24 + NNN^3\*SumS12S34A13A25 - NNN^3\*SumS12S34A13A45 + NNN^3\*SumS12S34A15A35 + NNN^3\*SumSp4 - NNN^3\*SumA12A13\*SumAx1A12[[d]] + NNN^2\*SumS12^2\*SumAx1A12[[d]] - NNN^3\*SumS12S13\*SumAx1A12[[d]] + NNN^4\*SumAx1[[d]]\*SumAx1A12A23[[b]] - NNN^4\*SumAx1A12A23A34[[b]] - NNN^4\*SumAx1A12A23A34[[d]] + NNN^3\*SumS12\*SumAx1[[d]]\*SumS12Ax1[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumS12Ax1[[d]] - NNN^3\*SumS12\*SumS12Ax1A23[[b]] - NNN^3\*SumS12\*SumS12Ax1A23[[d]] + NNN^3\*SumS12\*SumS12Ax3A13[[b]] + NNN^3\*SumS12\*SumS12Ax3A13[[d]] - NNN^4\*SumAx1[[d]]\*SumS12S13Ax2[[b]] + NNN^4\*SumS12S13Ax2A34[[b]] + NNN^4\*SumS12S13Ax2A34[[d]] - NNN^4\*SumS12S13Ax4A24[[b]] - NNN^4\*SumS12S13Ax4A24[[d]] + NNN^4\*SumS12S34Ax1A23[[b]] + NNN^4\*SumS12S34Ax1A23[[d]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[b]] + NNN\*SumS12^3\*SumSx1[[b]] + NNN^3\*SumS12A13A24\*SumSx1[[b]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[b]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[b]] + NNN^3\*SumS12S13S24\*SumSx1[[b]] - NNN^3\*SumS12\*SumAx1A12[[d]]\*SumSx1[[b]] + NNN^4\*SumS12Ax1A23[[d]]\*SumSx1[[b]] - NNN^4\*SumS12Ax3A13[[d]]\*SumSx1[[b]] - 2\*NNN^2\*SumA12A13\*SumS12\*SumSx1[[d]] + NNN\*SumS12^3\*SumSx1[[d]] + NNN^3\*SumS12A13A24\*SumSx1[[d]] - 2\*NNN^3\*SumS12A13A34\*SumSx1[[d]] - 2\*NNN^2\*SumS12\*SumS12S13\*SumSx1[[d]] + NNN^3\*SumS12S13S24\*SumSx1[[d]] + NNN^4\*SumS12Ax1A23[[b]]\*SumSx1[[d]] - NNN^4\*SumS12Ax3A13[[b]]\*SumSx1[[d]] + NNN^3\*SumA12A13\*SumSx1[[b]]\*SumSx1[[d]] - NNN^2\*SumS12^2\*SumSx1[[b]]\*SumSx1[[d]] + NNN^3\*SumS12S13\*SumSx1[[b]]\*SumSx1[[d]] + NNN^3\*SumS12\*SumAx1[[d]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[d]]\*SumSx1A12[[b]] - NNN^4\*SumS12Ax1[[b]]\*SumSx1A12[[d]] - NNN^4\*SumSx1A12[[b]]\*SumSx1A12[[d]] - NNN^3\*SumS12\*SumSx1A12A23[[b]] + NNN^4\*SumSx1[[d]]\*SumSx1A12A23[[b]] - NNN^3\*SumS12\*SumSx1A12A23[[d]] + NNN^4\*SumSx1[[b]]\*SumSx1A12A23[[d]] + NNN^3\*SumA12A13\*SumSx1S12[[b]] - NNN^2\*SumS12^2\*SumSx1S12[[b]] + NNN^3\*SumS12S13\*SumSx1S12[[b]] + NNN^4\*SumAx1A12[[d]]\*SumSx1S12[[b]] + NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1S12[[b]] + NNN^3\*SumA12A13\*SumSx1S12[[d]] - NNN^2\*SumS12^2\*SumSx1S12[[d]] + NNN^3\*SumS12S13\*SumSx1S12[[d]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1S12[[d]] - NNN^4\*SumSx1S12[[b]]\*SumSx1S12[[d]] - NNN^2\*SumAx1A12[[b]]\*(NNN\*SumA12A13 - SumS12^2 + NNN\*SumS12S13 + NNN^2\*SumAx1A12[[d]] + NNN\*SumS12\*SumSx1[[d]] - NNN^2\*SumSx1S12[[d]]) - NNN^4\*SumAx1[[d]]\*SumSx1S12A23[[b]] + NNN^4\*SumSx1S12A23A34[[b]] + NNN^4\*SumSx1S12A23A34[[d]] + NNN^3\*SumS12\*SumSx1S12S23[[b]] - NNN^4\*SumSx1[[d]]\*SumSx1S12S23[[b]] + NNN^3\*SumS12\*SumSx1S12S23[[d]] - NNN^4\*SumSx1[[b]]\*SumSx1S12S23[[d]] - NNN^4\*SumSx1S12S23S34[[b]] - NNN^4\*SumSx1S12S23S34[[d]] - NNN^4\*SumAx1[[d]]\*SumSx1S23A12[[b]] + NNN^2\*SumAx1[[b]]\*((-SumS12^2 + NNN\*(SumA12A13 + SumS12S13))\*SumAx1[[d]] + NNN\*(NNN\*SumAx1A12A23[[d]] + SumS12\*SumS12Ax1[[d]] - NNN\*SumS12S13Ax2[[d]] + SumS12\*SumSx1A12[[d]] - NNN\*SumSx1S12A23[[d]] - NNN\*SumSx1S23A12[[d]])) + NNN^4\*SumSx1S23A12A34[[b]] + NNN^4\*SumSx1S23A12A34[[d]] - NNN^4\*SumSx1S23A14A24[[b]] - NNN^4\*SumSx1S23A14A24[[d]] + NNN^5\*SumA13A23Ax1Ay2[[b,d]] + NNN^5\*SumS12S13Ax2Ay3[[b,d]] + NNN^5\*SumS12S1yA23Ax3[[b,d]] + NNN^5\*SumS12S1yA23Ax3[[d,b]] + NNN^5\*SumS1xS2yA13A23[[b,d]] + NNN^5\*SumS1yS23A13Ax2[[b,d]] + NNN^5\*SumS1yS23A13Ax2[[d,b]] + NNN^5\*SumSx1Sy2S13S23[[b,d]])))/(16\*NNN^5)

SA::DmDmFuncYallSA: (6)

(-3\*(2\*NNN^2\*SumA12A13\*SumS12\*KroneckerDelta[a, c]\*SumAx1[[b]] - NNN\*SumS12^3\*KroneckerDelta[a, c]\*SumAx1[[b]] - NNN^3\*SumS12A13A24\*KroneckerDelta[a, c]\*SumAx1[[b]] + 2\*NNN^3\*SumS12A13A34\*KroneckerDelta[a, c]\*SumAx1[[b]] + 2\*NNN^2\*SumS12\*SumS12S13\*KroneckerDelta[a, c]\*SumAx1[[b]] - NNN^3\*SumS12S13S24\*KroneckerDelta[a, c]\*SumAx1[[b]] - 2\*NNN^2\*SumA12A13\*SumS12\*KroneckerDelta[a, d]\*SumAx1[[b]] + NNN\*SumS12^3\*KroneckerDelta[a, d]\*SumAx1[[b]] + NNN^3\*SumS12A13A24\*KroneckerDelta[a, d]\*SumAx1[[b]] - 2\*NNN^3\*SumS12A13A34\*KroneckerDelta[a, d]\*SumAx1[[b]] - 2\*NNN^2\*SumS12\*SumS12S13\*KroneckerDelta[a, d]\*SumAx1[[b]] + NNN^3\*SumS12S13S24\*KroneckerDelta[a, d]\*SumAx1[[b]] - 12\*NNN\*SumA12A13\*SumS12\*SumAx1[[c]] + 8\*SumS12^3\*SumAx1[[c]] + 4\*NNN^2\*SumS12A13A24\*SumAx1[[c]] - 8\*NNN^2\*SumS12A13A34\*SumAx1[[c]] - 12\*NNN\*SumS12\*SumS12S13\*SumAx1[[c]] + 4\*NNN^2\*SumS12S13S24\*SumAx1[[c]] + 2\*NNN^2\*SumA12A13\*SumS12\*KroneckerDelta[a, d]\*SumAx1[[c]] - NNN\*SumS12^3\*KroneckerDelta[a, d]\*SumAx1[[c]] - NNN^3\*SumS12A13A24\*KroneckerDelta[a, d]\*SumAx1[[c]] + 2\*NNN^3\*SumS12A13A34\*KroneckerDelta[a, d]\*SumAx1[[c]] + 2\*NNN^2\*SumS12\*SumS12S13\*KroneckerDelta[a, d]\*SumAx1[[c]] - NNN^3\*SumS12S13S24\*KroneckerDelta[a, d]\*SumAx1[[c]] + 4\*NNN^2\*SumS12\*SumAx1[[a]]\*SumAx1[[b]]\*SumAx1[[c]] + 12\*NNN\*SumA12A13\*SumS12\*SumAx1[[d]] - 8\*SumS12^3\*SumAx1[[d]] - 4\*NNN^2\*SumS12A13A24\*SumAx1[[d]] + 8\*NNN^2\*SumS12A13A34\*SumAx1[[d]] + 12\*NNN\*SumS12\*SumS12S13\*SumAx1[[d]] - 4\*NNN^2\*SumS12S13S24\*SumAx1[[d]] - 2\*NNN^2\*SumA12A13\*SumS12\*KroneckerDelta[a, c]\*SumAx1[[d]] + NNN\*SumS12^3\*KroneckerDelta[a, c]\*SumAx1[[d]] + NNN^3\*SumS12A13A24\*KroneckerDelta[a, c]\*SumAx1[[d]] - 2\*NNN^3\*SumS12A13A34\*KroneckerDelta[a, c]\*SumAx1[[d]] - 2\*NNN^2\*SumS12\*SumS12S13\*KroneckerDelta[a, c]\*SumAx1[[d]] + NNN^3\*SumS12S13S24\*KroneckerDelta[a, c]\*SumAx1[[d]] - 4\*NNN^2\*SumS12\*SumAx1[[a]]\*SumAx1[[b]]\*SumAx1[[d]] - 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1A12[[a]] + 4\*NNN^2\*SumS12\*SumAx1[[d]]\*SumAx1A12[[a]] - 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1A12[[b]] + NNN^3\*SumS12\*KroneckerDelta[a, d]\*SumAx1[[c]]\*SumAx1A12[[b]] + 4\*NNN^2\*SumS12\*SumAx1[[d]]\*SumAx1A12[[b]] - NNN^3\*SumS12\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumAx1A12[[b]] - NNN^3\*SumS12\*KroneckerDelta[a, d]\*SumAx1[[b]]\*SumAx1A12[[c]] + 4\*NNN^2\*SumS12\*SumAx1[[d]]\*SumAx1A12[[c]] + NNN^3\*SumS12\*KroneckerDelta[a, c]\*SumAx1[[b]]\*SumAx1A12[[d]] - 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1A12[[d]] + NNN^3\*SumS12\*KroneckerDelta[a, c]\*SumAx1A12A23[[b]] - NNN^3\*SumS12\*KroneckerDelta[a, d]\*SumAx1A12A23[[b]] - 4\*NNN^2\*SumS12\*SumAx1A12A23[[c]] + NNN^3\*SumS12\*KroneckerDelta[a, d]\*SumAx1A12A23[[c]] + 4\*NNN^2\*SumS12\*SumAx1A12A23[[d]] - NNN^3\*SumS12\*KroneckerDelta[a, c]\*SumAx1A12A23[[d]] - 2\*NNN^3\*SumAx1[[b]]\*SumAx1[[c]]\*SumS12Ax1[[a]] + 2\*NNN^3\*SumAx1[[b]]\*SumAx1[[d]]\*SumS12Ax1[[a]] - NNN^3\*SumA12A13\*KroneckerDelta[a, c]\*SumS12Ax1[[b]] + NNN^2\*SumS12^2\*KroneckerDelta[a, c]\*SumS12Ax1[[b]] - NNN^3\*SumS12S13\*KroneckerDelta[a, c]\*SumS12Ax1[[b]] + NNN^3\*SumA12A13\*KroneckerDelta[a, d]\*SumS12Ax1[[b]] - 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NNN^5\*sab[[b,c]]\*SumAx1Ay2A12[[a,d]] + NNN^3\*SumS12\*SumAx1Ay2A12[[b,c]] - NNN^4\*SumSx1[[a]]\*SumAx1Ay2A12[[b,c]] - NNN^4\*SumSx1[[d]]\*SumAx1Ay2A12[[b,c]] + NNN^5\*sab[[a,d]]\*SumAx1Ay2A12[[b,c]] - NNN^3\*SumS12\*SumAx1Ay2A12[[b,d]] + NNN^4\*SumSx1[[a]]\*SumAx1Ay2A12[[b,d]] + NNN^4\*SumSx1[[c]]\*SumAx1Ay2A12[[b,d]] - NNN^5\*sab[[a,c]]\*SumAx1Ay2A12[[b,d]] + NNN^4\*SumS12A23Ax3Ay1[[a,c]] - NNN^4\*SumS12A23Ax3Ay1[[a,d]] + NNN^4\*SumS12A23Ax3Ay1[[b,c]] - NNN^5\*KroneckerDelta[a, d]\*SumS12A23Ax3Ay1[[b,c]] - NNN^4\*SumS12A23Ax3Ay1[[b,d]] + NNN^5\*KroneckerDelta[a, c]\*SumS12A23Ax3Ay1[[b,d]] - NNN^4\*SumS12A23Ax3Ay1[[c,a]] - NNN^4\*SumS12A23Ax3Ay1[[c,b]] + NNN^5\*KroneckerDelta[a, d]\*SumS12A23Ax3Ay1[[c,b]] + NNN^4\*SumS12A23Ax3Ay1[[d,a]] + NNN^4\*SumS12A23Ax3Ay1[[d,b]] - NNN^5\*KroneckerDelta[a, c]\*SumS12A23Ax3Ay1[[d,b]] + NNN^4\*SumAx1[[b]]\*SumS12Ax1Ay2[[a,c]] - NNN^4\*SumAx1[[d]]\*SumS12Ax1Ay2[[a,c]] - NNN^5\*aab[[b,d]]\*SumS12Ax1Ay2[[a,c]] - NNN^4\*SumAx1[[b]]\*SumS12Ax1Ay2[[a,d]] + NNN^4\*SumAx1[[c]]\*SumS12Ax1Ay2[[a,d]] + NNN^5\*aab[[b,c]]\*SumS12Ax1Ay2[[a,d]] + NNN^4\*SumAx1[[a]]\*SumS12Ax1Ay2[[b,c]] - NNN^4\*SumAx1[[d]]\*SumS12Ax1Ay2[[b,c]] - NNN^5\*aab[[a,d]]\*SumS12Ax1Ay2[[b,c]] - NNN^4\*SumAx1[[a]]\*SumS12Ax1Ay2[[b,d]] + NNN^4\*SumAx1[[c]]\*SumS12Ax1Ay2[[b,d]] + NNN^5\*aab[[a,c]]\*SumS12Ax1Ay2[[b,d]] - NNN^4\*SumS12S1yS23Ax3[[a,c]] + NNN^4\*SumS12S1yS23Ax3[[a,d]] - NNN^4\*SumS12S1yS23Ax3[[b,c]] + NNN^5\*KroneckerDelta[a, d]\*SumS12S1yS23Ax3[[b,c]] + NNN^4\*SumS12S1yS23Ax3[[b,d]] - NNN^5\*KroneckerDelta[a, c]\*SumS12S1yS23Ax3[[b,d]] + NNN^4\*SumS12S1yS23Ax3[[c,a]] + NNN^4\*SumS12S1yS23Ax3[[c,b]] - NNN^5\*KroneckerDelta[a, d]\*SumS12S1yS23Ax3[[c,b]] - NNN^4\*SumS12S1yS23Ax3[[d,a]] - NNN^4\*SumS12S1yS23Ax3[[d,b]] + NNN^5\*KroneckerDelta[a, c]\*SumS12S1yS23Ax3[[d,b]] + NNN^4\*SumS13S1xS2yA23[[a,c]] - NNN^4\*SumS13S1xS2yA23[[a,d]] + NNN^4\*SumS13S1xS2yA23[[b,c]] - NNN^5\*KroneckerDelta[a, d]\*SumS13S1xS2yA23[[b,c]] - NNN^4\*SumS13S1xS2yA23[[b,d]] + NNN^5\*KroneckerDelta[a, c]\*SumS13S1xS2yA23[[b,d]] - NNN^4\*SumS1xS23S2yA13[[a,c]] + NNN^4\*SumS1xS23S2yA13[[a,d]] - NNN^4\*SumS1xS23S2yA13[[b,c]] + NNN^5\*KroneckerDelta[a, d]\*SumS1xS23S2yA13[[b,c]] + NNN^4\*SumS1xS23S2yA13[[b,d]] - NNN^5\*KroneckerDelta[a, c]\*SumS1xS23S2yA13[[b,d]] - NNN^4\*SumS1yA13A23Ax2[[a,c]] + NNN^4\*SumS1yA13A23Ax2[[a,d]] - NNN^4\*SumS1yA13A23Ax2[[b,c]] + NNN^5\*KroneckerDelta[a, d]\*SumS1yA13A23Ax2[[b,c]] + NNN^4\*SumS1yA13A23Ax2[[b,d]] - NNN^5\*KroneckerDelta[a, c]\*SumS1yA13A23Ax2[[b,d]] + NNN^4\*SumS1yA13A23Ax2[[c,a]] + NNN\*KroneckerDelta[b, d]\*(-(SumAx1[[c]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[a]] + NNN^3\*SumS12Ax1A23[[a]] - NNN^3\*SumS12Ax3A13[[a]] + NNN^2\*SumA12A13\*SumSx1[[a]] - NNN\*SumS12^2\*SumSx1[[a]] + NNN^2\*SumS12S13\*SumSx1[[a]] + NNN^3\*SumSx1A12A23[[a]] + NNN^2\*SumS12\*SumSx1S12[[a]] - NNN^3\*SumSx1S12S23[[a]])) + SumAx1[[a]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[c]] + NNN^3\*SumS12Ax1A23[[c]] - NNN^3\*SumS12Ax3A13[[c]] + NNN^2\*SumA12A13\*SumSx1[[c]] - NNN\*SumS12^2\*SumSx1[[c]] + NNN^2\*SumS12S13\*SumSx1[[c]] + NNN^3\*SumSx1A12A23[[c]] + NNN^2\*SumS12\*SumSx1S12[[c]] - NNN^3\*SumSx1S12S23[[c]]) - NNN\*(-(NNN\*SumA12A13\*SumS12Ax1[[a]]) + SumS12^2\*SumS12Ax1[[a]] - NNN\*SumS12S13\*SumS12Ax1[[a]] - NNN^2\*SumAx1A12[[c]]\*SumS12Ax1[[a]] + NNN\*SumA12A13\*SumS12Ax1[[c]] - SumS12^2\*SumS12Ax1[[c]] + NNN\*SumS12S13\*SumS12Ax1[[c]] + NNN^2\*SumAx1A12[[a]]\*SumS12Ax1[[c]] - NNN^2\*SumS12Ax1A23A34[[a]] + NNN^2\*SumS12Ax1A23A34[[c]] + NNN^2\*SumS12Ax3A13A24[[a]] - NNN^2\*SumS12Ax3A13A24[[c]] + NNN^2\*SumS12Ax3A14A34[[a]] - NNN^2\*SumS12Ax3A14A34[[c]] - NNN\*SumS12\*SumS12S13Ax2[[a]] + NNN\*SumS12\*SumS12S13Ax2[[c]] + NNN^2\*SumS12S13S24Ax3[[a]] - NNN^2\*SumS12S13S24Ax3[[c]] + NNN\*SumS12\*SumS12Ax1[[c]]\*SumSx1[[a]] - NNN^2\*SumS12S13Ax2[[c]]\*SumSx1[[a]] + NNN\*SumAx1A12A23[[c]]\*(-SumS12 + NNN\*SumSx1[[a]]) - NNN\*SumS12\*SumS12Ax1[[a]]\*SumSx1[[c]] + NNN^2\*SumS12S13Ax2[[a]]\*SumSx1[[c]] + NNN\*SumAx1A12A23[[a]]\*(SumS12 - NNN\*SumSx1[[c]]) - NNN\*SumA12A13\*SumSx1A12[[a]] + SumS12^2\*SumSx1A12[[a]] - NNN\*SumS12S13\*SumSx1A12[[a]] - NNN^2\*SumAx1A12[[c]]\*SumSx1A12[[a]] - NNN\*SumS12\*SumSx1[[c]]\*SumSx1A12[[a]] + NNN\*SumA12A13\*SumSx1A12[[c]] - SumS12^2\*SumSx1A12[[c]] + NNN\*SumS12S13\*SumSx1A12[[c]] + NNN^2\*SumAx1A12[[a]]\*SumSx1A12[[c]] + NNN\*SumS12\*SumSx1[[a]]\*SumSx1A12[[c]] - NNN^2\*SumSx1A12A23A34[[a]] + NNN^2\*SumSx1A12A23A34[[c]] - NNN^2\*SumS12Ax1[[c]]\*SumSx1S12[[a]] - NNN^2\*SumSx1A12[[c]]\*SumSx1S12[[a]] + NNN^2\*SumS12Ax1[[a]]\*SumSx1S12[[c]] + NNN^2\*SumSx1A12[[a]]\*SumSx1S12[[c]] - NNN\*SumS12\*SumSx1S12A23[[a]] + NNN^2\*SumSx1[[c]]\*SumSx1S12A23[[a]] + NNN\*SumS12\*SumSx1S12A23[[c]] - NNN^2\*SumSx1[[a]]\*SumSx1S12A23[[c]] + NNN^2\*SumSx1S12S23A34[[a]] - NNN^2\*SumSx1S12S23A34[[c]] + NNN^2\*SumSx1S12S34A23[[a]] - NNN^2\*SumSx1S12S34A23[[c]] - NNN\*SumS12\*SumSx1S23A12[[a]] + NNN^2\*SumSx1[[c]]\*SumSx1S23A12[[a]] + NNN\*SumS12\*SumSx1S23A12[[c]] - NNN^2\*SumSx1[[a]]\*SumSx1S23A12[[c]] + NNN^2\*SumSx1S23S24A13[[a]] - NNN^2\*SumSx1S23S24A13[[c]] + NNN^3\*SumS12A23Ax3Ay1[[a,c]] - NNN^3\*SumS12A23Ax3Ay1[[c,a]] - NNN^3\*SumS12S1yS23Ax3[[a,c]] + NNN^3\*SumS12S1yS23Ax3[[c,a]] + NNN^3\*SumS13S1xS2yA23[[a,c]] - NNN^3\*SumS1xS23S2yA13[[a,c]] - NNN^3\*SumS1yA13A23Ax2[[a,c]] + NNN^3\*SumS1yA13A23Ax2[[c,a]])) + NNN^4\*SumS1yA13A23Ax2[[c,b]] - NNN^5\*KroneckerDelta[a, d]\*SumS1yA13A23Ax2[[c,b]] - NNN^4\*SumS1yA13A23Ax2[[d,a]] + NNN\*KroneckerDelta[b, c]\*(SumAx1[[d]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[a]] + NNN^3\*SumS12Ax1A23[[a]] - NNN^3\*SumS12Ax3A13[[a]] + NNN^2\*SumA12A13\*SumSx1[[a]] - NNN\*SumS12^2\*SumSx1[[a]] + NNN^2\*SumS12S13\*SumSx1[[a]] + NNN^3\*SumSx1A12A23[[a]] + NNN^2\*SumS12\*SumSx1S12[[a]] - NNN^3\*SumSx1S12S23[[a]]) - SumAx1[[a]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[d]] + NNN^3\*SumS12Ax1A23[[d]] - NNN^3\*SumS12Ax3A13[[d]] + NNN^2\*SumA12A13\*SumSx1[[d]] - NNN\*SumS12^2\*SumSx1[[d]] + NNN^2\*SumS12S13\*SumSx1[[d]] + NNN^3\*SumSx1A12A23[[d]] + NNN^2\*SumS12\*SumSx1S12[[d]] - NNN^3\*SumSx1S12S23[[d]]) + NNN\*(-(NNN\*SumA12A13\*SumS12Ax1[[a]]) + SumS12^2\*SumS12Ax1[[a]] - NNN\*SumS12S13\*SumS12Ax1[[a]] - NNN^2\*SumAx1A12[[d]]\*SumS12Ax1[[a]] + NNN\*SumA12A13\*SumS12Ax1[[d]] - SumS12^2\*SumS12Ax1[[d]] + NNN\*SumS12S13\*SumS12Ax1[[d]] + NNN^2\*SumAx1A12[[a]]\*SumS12Ax1[[d]] - NNN^2\*SumS12Ax1A23A34[[a]] + NNN^2\*SumS12Ax1A23A34[[d]] + NNN^2\*SumS12Ax3A13A24[[a]] - NNN^2\*SumS12Ax3A13A24[[d]] + NNN^2\*SumS12Ax3A14A34[[a]] - NNN^2\*SumS12Ax3A14A34[[d]] - NNN\*SumS12\*SumS12S13Ax2[[a]] + NNN\*SumS12\*SumS12S13Ax2[[d]] + NNN^2\*SumS12S13S24Ax3[[a]] - NNN^2\*SumS12S13S24Ax3[[d]] + NNN\*SumS12\*SumS12Ax1[[d]]\*SumSx1[[a]] - NNN^2\*SumS12S13Ax2[[d]]\*SumSx1[[a]] + NNN\*SumAx1A12A23[[d]]\*(-SumS12 + NNN\*SumSx1[[a]]) - NNN\*SumS12\*SumS12Ax1[[a]]\*SumSx1[[d]] + NNN^2\*SumS12S13Ax2[[a]]\*SumSx1[[d]] + NNN\*SumAx1A12A23[[a]]\*(SumS12 - NNN\*SumSx1[[d]]) - NNN\*SumA12A13\*SumSx1A12[[a]] + SumS12^2\*SumSx1A12[[a]] - NNN\*SumS12S13\*SumSx1A12[[a]] - NNN^2\*SumAx1A12[[d]]\*SumSx1A12[[a]] - NNN\*SumS12\*SumSx1[[d]]\*SumSx1A12[[a]] + NNN\*SumA12A13\*SumSx1A12[[d]] - SumS12^2\*SumSx1A12[[d]] + NNN\*SumS12S13\*SumSx1A12[[d]] + NNN^2\*SumAx1A12[[a]]\*SumSx1A12[[d]] + NNN\*SumS12\*SumSx1[[a]]\*SumSx1A12[[d]] - NNN^2\*SumSx1A12A23A34[[a]] + NNN^2\*SumSx1A12A23A34[[d]] - NNN^2\*SumS12Ax1[[d]]\*SumSx1S12[[a]] - NNN^2\*SumSx1A12[[d]]\*SumSx1S12[[a]] + NNN^2\*SumS12Ax1[[a]]\*SumSx1S12[[d]] + NNN^2\*SumSx1A12[[a]]\*SumSx1S12[[d]] - NNN\*SumS12\*SumSx1S12A23[[a]] + NNN^2\*SumSx1[[d]]\*SumSx1S12A23[[a]] + NNN\*SumS12\*SumSx1S12A23[[d]] - NNN^2\*SumSx1[[a]]\*SumSx1S12A23[[d]] + NNN^2\*SumSx1S12S23A34[[a]] - NNN^2\*SumSx1S12S23A34[[d]] + NNN^2\*SumSx1S12S34A23[[a]] - NNN^2\*SumSx1S12S34A23[[d]] - NNN\*SumS12\*SumSx1S23A12[[a]] + NNN^2\*SumSx1[[d]]\*SumSx1S23A12[[a]] + NNN\*SumS12\*SumSx1S23A12[[d]] - NNN^2\*SumSx1[[a]]\*SumSx1S23A12[[d]] + NNN^2\*SumSx1S23S24A13[[a]] - NNN^2\*SumSx1S23S24A13[[d]] + NNN^3\*SumS12A23Ax3Ay1[[a,d]] - NNN^3\*SumS12A23Ax3Ay1[[d,a]] - NNN^3\*SumS12S1yS23Ax3[[a,d]] + NNN^3\*SumS12S1yS23Ax3[[d,a]] + NNN^3\*SumS13S1xS2yA23[[a,d]] - NNN^3\*SumS1xS23S2yA13[[a,d]] - NNN^3\*SumS1yA13A23Ax2[[a,d]] + NNN^3\*SumS1yA13A23Ax2[[d,a]])) - NNN^4\*SumS1yA13A23Ax2[[d,b]] + NNN^5\*KroneckerDelta[a, c]\*SumS1yA13A23Ax2[[d,b]] - NNN^3\*SumA12A13\*SumSx1Ay1[[a,c]] + NNN^2\*SumS12^2\*SumSx1Ay1[[a,c]] - NNN^3\*SumS12S13\*SumSx1Ay1[[a,c]] + NNN^4\*SumAx1[[b]]\*SumAx1[[d]]\*SumSx1Ay1[[a,c]] - NNN^4\*SumAx1A12[[b]]\*SumSx1Ay1[[a,c]] - NNN^4\*SumAx1A12[[d]]\*SumSx1Ay1[[a,c]] - NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[a,c]] - NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[a,c]] + NNN^4\*SumSx1[[b]]\*SumSx1[[d]]\*SumSx1Ay1[[a,c]] + NNN^4\*SumSx1S12[[b]]\*SumSx1Ay1[[a,c]] + NNN^4\*SumSx1S12[[d]]\*SumSx1Ay1[[a,c]] - NNN^5\*SumAx1Ay1[[b,d]]\*SumSx1Ay1[[a,c]] + NNN^3\*SumA12A13\*SumSx1Ay1[[a,d]] - NNN^2\*SumS12^2\*SumSx1Ay1[[a,d]] + NNN^3\*SumS12S13\*SumSx1Ay1[[a,d]] - NNN^4\*SumAx1[[b]]\*SumAx1[[c]]\*SumSx1Ay1[[a,d]] + NNN^4\*SumAx1A12[[b]]\*SumSx1Ay1[[a,d]] + NNN^4\*SumAx1A12[[c]]\*SumSx1Ay1[[a,d]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[a,d]] + NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[a,d]] - NNN^4\*SumSx1[[b]]\*SumSx1[[c]]\*SumSx1Ay1[[a,d]] - NNN^4\*SumSx1S12[[b]]\*SumSx1Ay1[[a,d]] - NNN^4\*SumSx1S12[[c]]\*SumSx1Ay1[[a,d]] + NNN^5\*SumAx1Ay1[[b,c]]\*SumSx1Ay1[[a,d]] - NNN^3\*SumA12A13\*SumSx1Ay1[[b,c]] + NNN^2\*SumS12^2\*SumSx1Ay1[[b,c]] - NNN^3\*SumS12S13\*SumSx1Ay1[[b,c]] + NNN^4\*SumAx1[[a]]\*SumAx1[[d]]\*SumSx1Ay1[[b,c]] - NNN^4\*SumAx1A12[[a]]\*SumSx1Ay1[[b,c]] - NNN^4\*SumAx1A12[[d]]\*SumSx1Ay1[[b,c]] - NNN^3\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[b,c]] - NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[b,c]] + NNN^4\*SumSx1[[a]]\*SumSx1[[d]]\*SumSx1Ay1[[b,c]] + NNN^4\*SumSx1S12[[a]]\*SumSx1Ay1[[b,c]] + NNN^4\*SumSx1S12[[d]]\*SumSx1Ay1[[b,c]] - NNN^5\*SumAx1Ay1[[a,d]]\*SumSx1Ay1[[b,c]] + NNN^3\*SumA12A13\*SumSx1Ay1[[b,d]] - NNN^2\*SumS12^2\*SumSx1Ay1[[b,d]] + NNN^3\*SumS12S13\*SumSx1Ay1[[b,d]] - NNN^4\*SumAx1[[a]]\*SumAx1[[c]]\*SumSx1Ay1[[b,d]] + NNN^4\*SumAx1A12[[a]]\*SumSx1Ay1[[b,d]] + NNN^4\*SumAx1A12[[c]]\*SumSx1Ay1[[b,d]] + NNN^3\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[b,d]] + NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[b,d]] - NNN^4\*SumSx1[[a]]\*SumSx1[[c]]\*SumSx1Ay1[[b,d]] - NNN^4\*SumSx1S12[[a]]\*SumSx1Ay1[[b,d]] - NNN^4\*SumSx1S12[[c]]\*SumSx1Ay1[[b,d]] + NNN^5\*SumAx1Ay1[[a,c]]\*SumSx1Ay1[[b,d]] + NNN^3\*SumA12A13\*SumSx1Ay1[[c,a]] - NNN^2\*SumS12^2\*SumSx1Ay1[[c,a]] + NNN^3\*SumS12S13\*SumSx1Ay1[[c,a]] - NNN^4\*SumAx1[[b]]\*SumAx1[[d]]\*SumSx1Ay1[[c,a]] + NNN^4\*SumAx1A12[[b]]\*SumSx1Ay1[[c,a]] + NNN^4\*SumAx1A12[[d]]\*SumSx1Ay1[[c,a]] + NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[c,a]] + NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[c,a]] - NNN^4\*SumSx1[[b]]\*SumSx1[[d]]\*SumSx1Ay1[[c,a]] - NNN^4\*SumSx1S12[[b]]\*SumSx1Ay1[[c,a]] - NNN^4\*SumSx1S12[[d]]\*SumSx1Ay1[[c,a]] + NNN^5\*SumAx1Ay1[[b,d]]\*SumSx1Ay1[[c,a]] + NNN^3\*SumA12A13\*SumSx1Ay1[[c,b]] - NNN^2\*SumS12^2\*SumSx1Ay1[[c,b]] + NNN^3\*SumS12S13\*SumSx1Ay1[[c,b]] - NNN^4\*SumAx1[[a]]\*SumAx1[[d]]\*SumSx1Ay1[[c,b]] + NNN^4\*SumAx1A12[[a]]\*SumSx1Ay1[[c,b]] + NNN^4\*SumAx1A12[[d]]\*SumSx1Ay1[[c,b]] + NNN^3\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[c,b]] + NNN^3\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[c,b]] - NNN^4\*SumSx1[[a]]\*SumSx1[[d]]\*SumSx1Ay1[[c,b]] - NNN^4\*SumSx1S12[[a]]\*SumSx1Ay1[[c,b]] - NNN^4\*SumSx1S12[[d]]\*SumSx1Ay1[[c,b]] + NNN^5\*SumAx1Ay1[[a,d]]\*SumSx1Ay1[[c,b]] - NNN^3\*SumA12A13\*SumSx1Ay1[[d,a]] + NNN^2\*SumS12^2\*SumSx1Ay1[[d,a]] - NNN^3\*SumS12S13\*SumSx1Ay1[[d,a]] + NNN^4\*SumAx1[[b]]\*SumAx1[[c]]\*SumSx1Ay1[[d,a]] - NNN^4\*SumAx1A12[[b]]\*SumSx1Ay1[[d,a]] - NNN^4\*SumAx1A12[[c]]\*SumSx1Ay1[[d,a]] - NNN^3\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[d,a]] - NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[d,a]] + NNN^4\*SumSx1[[b]]\*SumSx1[[c]]\*SumSx1Ay1[[d,a]] + NNN^4\*SumSx1S12[[b]]\*SumSx1Ay1[[d,a]] + NNN^4\*SumSx1S12[[c]]\*SumSx1Ay1[[d,a]] - NNN^5\*SumAx1Ay1[[b,c]]\*SumSx1Ay1[[d,a]] - NNN^3\*SumA12A13\*SumSx1Ay1[[d,b]] + NNN^2\*SumS12^2\*SumSx1Ay1[[d,b]] - NNN^3\*SumS12S13\*SumSx1Ay1[[d,b]] + NNN^4\*SumAx1[[a]]\*SumAx1[[c]]\*SumSx1Ay1[[d,b]] - NNN^4\*SumAx1A12[[a]]\*SumSx1Ay1[[d,b]] - NNN^4\*SumAx1A12[[c]]\*SumSx1Ay1[[d,b]] - NNN^3\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[d,b]] - NNN^3\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[d,b]] + NNN^4\*SumSx1[[a]]\*SumSx1[[c]]\*SumSx1Ay1[[d,b]] + NNN^4\*SumSx1S12[[a]]\*SumSx1Ay1[[d,b]] + NNN^4\*SumSx1S12[[c]]\*SumSx1Ay1[[d,b]] - NNN^5\*SumAx1Ay1[[a,c]]\*SumSx1Ay1[[d,b]] + NNN^4\*SumAx1[[b]]\*SumSx1Ay2A12[[a,c]] - NNN^4\*SumAx1[[d]]\*SumSx1Ay2A12[[a,c]] - NNN^5\*aab[[b,d]]\*SumSx1Ay2A12[[a,c]] - NNN^4\*SumAx1[[b]]\*SumSx1Ay2A12[[a,d]] + NNN^4\*SumAx1[[c]]\*SumSx1Ay2A12[[a,d]] + NNN^5\*aab[[b,c]]\*SumSx1Ay2A12[[a,d]] + NNN^4\*SumAx1[[a]]\*SumSx1Ay2A12[[b,c]] - NNN^4\*SumAx1[[d]]\*SumSx1Ay2A12[[b,c]] - NNN^5\*aab[[a,d]]\*SumSx1Ay2A12[[b,c]] - NNN^4\*SumAx1[[a]]\*SumSx1Ay2A12[[b,d]] + NNN^4\*SumAx1[[c]]\*SumSx1Ay2A12[[b,d]] + NNN^5\*aab[[a,c]]\*SumSx1Ay2A12[[b,d]] + NNN^4\*SumAx1[[b]]\*SumSx1Ay2A12[[c,a]] - NNN^4\*SumAx1[[d]]\*SumSx1Ay2A12[[c,a]] - NNN^5\*aab[[b,d]]\*SumSx1Ay2A12[[c,a]] + NNN^4\*SumAx1[[a]]\*SumSx1Ay2A12[[c,b]] - NNN^4\*SumAx1[[d]]\*SumSx1Ay2A12[[c,b]] - NNN^5\*aab[[a,d]]\*SumSx1Ay2A12[[c,b]] - NNN^4\*SumAx1[[b]]\*SumSx1Ay2A12[[d,a]] + NNN^4\*SumAx1[[c]]\*SumSx1Ay2A12[[d,a]] + NNN^5\*aab[[b,c]]\*SumSx1Ay2A12[[d,a]] - NNN^4\*SumAx1[[a]]\*SumSx1Ay2A12[[d,b]] + NNN^4\*SumAx1[[c]]\*SumSx1Ay2A12[[d,b]] + NNN^5\*aab[[a,c]]\*SumSx1Ay2A12[[d,b]] - NNN^3\*SumS12\*SumSx1S12Ay2[[a,c]] + NNN^4\*SumSx1[[b]]\*SumSx1S12Ay2[[a,c]] + NNN^4\*SumSx1[[d]]\*SumSx1S12Ay2[[a,c]] - NNN^5\*sab[[b,d]]\*SumSx1S12Ay2[[a,c]] + NNN^3\*SumS12\*SumSx1S12Ay2[[a,d]] - NNN^4\*SumSx1[[b]]\*SumSx1S12Ay2[[a,d]] - NNN^4\*SumSx1[[c]]\*SumSx1S12Ay2[[a,d]] + NNN^5\*sab[[b,c]]\*SumSx1S12Ay2[[a,d]] - NNN^3\*SumS12\*SumSx1S12Ay2[[b,c]] + NNN^4\*SumSx1[[a]]\*SumSx1S12Ay2[[b,c]] + NNN^4\*SumSx1[[d]]\*SumSx1S12Ay2[[b,c]] - NNN^5\*sab[[a,d]]\*SumSx1S12Ay2[[b,c]] + NNN^3\*SumS12\*SumSx1S12Ay2[[b,d]] - NNN^4\*SumSx1[[a]]\*SumSx1S12Ay2[[b,d]] - NNN^4\*SumSx1[[c]]\*SumSx1S12Ay2[[b,d]] + NNN^5\*sab[[a,c]]\*SumSx1S12Ay2[[b,d]] + NNN^3\*SumS12\*SumSx1S12Ay2[[c,a]] - NNN^4\*SumSx1[[b]]\*SumSx1S12Ay2[[c,a]] - NNN^4\*SumSx1[[d]]\*SumSx1S12Ay2[[c,a]] + NNN^5\*sab[[b,d]]\*SumSx1S12Ay2[[c,a]] + NNN^3\*SumS12\*SumSx1S12Ay2[[c,b]] - NNN^4\*SumSx1[[a]]\*SumSx1S12Ay2[[c,b]] - NNN^4\*SumSx1[[d]]\*SumSx1S12Ay2[[c,b]] + NNN^5\*sab[[a,d]]\*SumSx1S12Ay2[[c,b]] - NNN^3\*SumS12\*SumSx1S12Ay2[[d,a]] + NNN^4\*SumSx1[[b]]\*SumSx1S12Ay2[[d,a]] + NNN^4\*SumSx1[[c]]\*SumSx1S12Ay2[[d,a]] - NNN^5\*sab[[b,c]]\*SumSx1S12Ay2[[d,a]] - NNN^3\*SumS12\*SumSx1S12Ay2[[d,b]] + NNN^4\*SumSx1[[a]]\*SumSx1S12Ay2[[d,b]] + NNN^4\*SumSx1[[c]]\*SumSx1S12Ay2[[d,b]] - NNN^5\*sab[[a,c]]\*SumSx1S12Ay2[[d,b]] - NNN^3\*SumS12\*SumAx1[[b]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12\*SumAx1[[d]]\*SumSx1Sy1[[a,c]] + NNN^4\*SumS12Ax1[[b]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumS12Ax1[[d]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumAx1[[d]]\*SumSx1[[b]]\*SumSx1Sy1[[a,c]] + NNN^4\*SumAx1[[b]]\*SumSx1[[d]]\*SumSx1Sy1[[a,c]] + NNN^4\*SumSx1A12[[b]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumSx1A12[[d]]\*SumSx1Sy1[[a,c]] + NNN^5\*SumSx1Ay1[[b,d]]\*SumSx1Sy1[[a,c]] - NNN^5\*SumSx1Ay1[[d,b]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12\*SumAx1[[b]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumS12\*SumAx1[[c]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumS12Ax1[[b]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumS12Ax1[[c]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumAx1[[c]]\*SumSx1[[b]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumAx1[[b]]\*SumSx1[[c]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumSx1A12[[b]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumSx1A12[[c]]\*SumSx1Sy1[[a,d]] - NNN^5\*SumSx1Ay1[[b,c]]\*SumSx1Sy1[[a,d]] + NNN^5\*SumSx1Ay1[[c,b]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumS12\*SumAx1[[a]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumS12\*SumAx1[[d]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumS12Ax1[[a]]\*SumSx1Sy1[[b,c]] - NNN^4\*SumS12Ax1[[d]]\*SumSx1Sy1[[b,c]] - NNN^4\*SumAx1[[d]]\*SumSx1[[a]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumAx1[[a]]\*SumSx1[[d]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumSx1A12[[a]]\*SumSx1Sy1[[b,c]] - NNN^4\*SumSx1A12[[d]]\*SumSx1Sy1[[b,c]] + NNN^5\*SumSx1Ay1[[a,d]]\*SumSx1Sy1[[b,c]] - NNN^5\*SumSx1Ay1[[d,a]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumS12\*SumAx1[[a]]\*SumSx1Sy1[[b,d]] - NNN^3\*SumS12\*SumAx1[[c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumS12Ax1[[a]]\*SumSx1Sy1[[b,d]] + NNN^4\*SumS12Ax1[[c]]\*SumSx1Sy1[[b,d]] + NNN^4\*SumAx1[[c]]\*SumSx1[[a]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumAx1[[a]]\*SumSx1[[c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1A12[[a]]\*SumSx1Sy1[[b,d]] + NNN^4\*SumSx1A12[[c]]\*SumSx1Sy1[[b,d]] - NNN^5\*SumSx1Ay1[[a,c]]\*SumSx1Sy1[[b,d]] + NNN^5\*SumSx1Ay1[[c,a]]\*SumSx1Sy1[[b,d]] + NNN^3\*SumS12\*SumSx1Sy2A12[[a,c]] - NNN^4\*SumSx1[[b]]\*SumSx1Sy2A12[[a,c]] - NNN^4\*SumSx1[[d]]\*SumSx1Sy2A12[[a,c]] + NNN^5\*sab[[b,d]]\*SumSx1Sy2A12[[a,c]] - NNN^3\*SumS12\*SumSx1Sy2A12[[a,d]] + NNN^4\*SumSx1[[b]]\*SumSx1Sy2A12[[a,d]] + NNN^4\*SumSx1[[c]]\*SumSx1Sy2A12[[a,d]] - NNN^5\*sab[[b,c]]\*SumSx1Sy2A12[[a,d]] + NNN^3\*SumS12\*SumSx1Sy2A12[[b,c]] - NNN^4\*SumSx1[[a]]\*SumSx1Sy2A12[[b,c]] - NNN^4\*SumSx1[[d]]\*SumSx1Sy2A12[[b,c]] + NNN^5\*sab[[a,d]]\*SumSx1Sy2A12[[b,c]] - NNN^3\*SumS12\*SumSx1Sy2A12[[b,d]] + NNN^4\*SumSx1[[a]]\*SumSx1Sy2A12[[b,d]] + NNN^4\*SumSx1[[c]]\*SumSx1Sy2A12[[b,d]] - NNN^5\*sab[[a,c]]\*SumSx1Sy2A12[[b,d]] + NNN^4\*SumAx1[[b]]\*SumSx1Sy2S12[[a,c]] - NNN^4\*SumAx1[[d]]\*SumSx1Sy2S12[[a,c]] - NNN^5\*aab[[b,d]]\*SumSx1Sy2S12[[a,c]] - NNN^4\*SumAx1[[b]]\*SumSx1Sy2S12[[a,d]] + NNN^4\*SumAx1[[c]]\*SumSx1Sy2S12[[a,d]] + NNN^5\*aab[[b,c]]\*SumSx1Sy2S12[[a,d]] + NNN^4\*SumAx1[[a]]\*SumSx1Sy2S12[[b,c]] - NNN^4\*SumAx1[[d]]\*SumSx1Sy2S12[[b,c]] - NNN^5\*aab[[a,d]]\*SumSx1Sy2S12[[b,c]] - NNN^4\*SumAx1[[a]]\*SumSx1Sy2S12[[b,d]] + NNN^4\*SumAx1[[c]]\*SumSx1Sy2S12[[b,d]] + NNN^5\*aab[[a,c]]\*SumSx1Sy2S12[[b,d]]))/(16\*NNN^5)

AS::DmDmFuncYallAS: (6)

(3\*(-(SumAx1[[b]]\*(12\*NNN\*SumA12A13\*SumS12 - 8\*SumS12^3 - 4\*NNN^2\*SumS12A13A24 + 8\*NNN^2\*SumS12A13A34 + 12\*NNN\*SumS12\*SumS12S13 - 4\*NNN^2\*SumS12S13S24 - 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1[[d]] + 4\*NNN^2\*SumS12\*SumAx1A12[[a]] + 4\*NNN^2\*SumS12\*SumAx1A12[[c]] + 4\*NNN^2\*SumS12\*SumAx1A12[[d]] + 2\*NNN^3\*SumAx1[[d]]\*SumS12Ax1[[c]] + 2\*NNN^3\*SumAx1[[c]]\*SumS12Ax1[[d]] - 2\*NNN^3\*SumS12Ax1A23[[a]] - 2\*NNN^3\*SumS12Ax1A23[[c]] - 2\*NNN^3\*SumS12Ax1A23[[d]] + 2\*NNN^3\*SumS12Ax3A13[[a]] + 2\*NNN^3\*SumS12Ax3A13[[c]] + 2\*NNN^3\*SumS12Ax3A13[[d]] - 4\*NNN^2\*SumA12A13\*SumSx1[[a]] + 6\*NNN\*SumS12^2\*SumSx1[[a]] - 4\*NNN^2\*SumS12S13\*SumSx1[[a]] + 2\*NNN^3\*SumAx1[[c]]\*SumAx1[[d]]\*SumSx1[[a]] - 2\*NNN^3\*SumAx1A12[[c]]\*SumSx1[[a]] - 2\*NNN^3\*SumAx1A12[[d]]\*SumSx1[[a]] - 4\*NNN^2\*SumA12A13\*SumSx1[[c]] + 6\*NNN\*SumS12^2\*SumSx1[[c]] - 4\*NNN^2\*SumS12S13\*SumSx1[[c]] - 2\*NNN^3\*SumAx1A12[[a]]\*SumSx1[[c]] - 2\*NNN^3\*SumAx1A12[[d]]\*SumSx1[[c]] - 4\*NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1[[c]] - 4\*NNN^2\*SumA12A13\*SumSx1[[d]] + 6\*NNN\*SumS12^2\*SumSx1[[d]] - 4\*NNN^2\*SumS12S13\*SumSx1[[d]] - 2\*NNN^3\*SumAx1A12[[a]]\*SumSx1[[d]] - 2\*NNN^3\*SumAx1A12[[c]]\*SumSx1[[d]] - 4\*NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1[[d]] - 4\*NNN^2\*SumS12\*SumSx1[[c]]\*SumSx1[[d]] + 2\*NNN^3\*SumSx1[[a]]\*SumSx1[[c]]\*SumSx1[[d]] + 2\*NNN^3\*SumAx1[[d]]\*SumSx1A12[[c]] + 2\*NNN^3\*SumAx1[[c]]\*SumSx1A12[[d]] - 2\*NNN^3\*SumSx1A12A23[[a]] - 2\*NNN^3\*SumSx1A12A23[[c]] - 2\*NNN^3\*SumSx1A12A23[[d]] - 4\*NNN^2\*SumS12\*SumSx1S12[[a]] + 2\*NNN^3\*SumSx1[[c]]\*SumSx1S12[[a]] + 2\*NNN^3\*SumSx1[[d]]\*SumSx1S12[[a]] - 4\*NNN^2\*SumS12\*SumSx1S12[[c]] + 2\*NNN^3\*SumSx1[[a]]\*SumSx1S12[[c]] + 2\*NNN^3\*SumSx1[[d]]\*SumSx1S12[[c]] - 4\*NNN^2\*SumS12\*SumSx1S12[[d]] + 2\*NNN^3\*SumSx1[[a]]\*SumSx1S12[[d]] + 2\*NNN^3\*SumSx1[[c]]\*SumSx1S12[[d]] + 2\*NNN^3\*SumSx1S12S23[[a]] + 2\*NNN^3\*SumSx1S12S23[[c]] + NNN\*KroneckerDelta[a, d]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[c]] + NNN^3\*SumS12Ax1A23[[c]] - NNN^3\*SumS12Ax3A13[[c]] + NNN^2\*SumA12A13\*SumSx1[[c]] - NNN\*SumS12^2\*SumSx1[[c]] + NNN^2\*SumS12S13\*SumSx1[[c]] + NNN^3\*SumSx1A12A23[[c]] + NNN^2\*SumS12\*SumSx1S12[[c]] - NNN^3\*SumSx1S12S23[[c]]) + 2\*NNN^3\*SumSx1S12S23[[d]] + NNN\*KroneckerDelta[a, c]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[d]] + NNN^3\*SumS12Ax1A23[[d]] - NNN^3\*SumS12Ax3A13[[d]] + NNN^2\*SumA12A13\*SumSx1[[d]] - NNN\*SumS12^2\*SumSx1[[d]] + NNN^2\*SumS12S13\*SumSx1[[d]] + NNN^3\*SumSx1A12A23[[d]] + NNN^2\*SumS12\*SumSx1S12[[d]] - NNN^3\*SumSx1S12S23[[d]]) - NNN^3\*SumS12\*SumAx1[[d]]\*aab[[a,c]] + NNN^4\*SumS12Ax1[[d]]\*aab[[a,c]] + NNN^4\*SumSx1A12[[d]]\*aab[[a,c]] - NNN^3\*SumS12\*SumAx1[[c]]\*aab[[a,d]] + NNN^4\*SumS12Ax1[[c]]\*aab[[a,d]] + NNN^4\*SumSx1A12[[c]]\*aab[[a,d]] + NNN^3\*SumA12A13\*sab[[a,c]] - NNN^2\*SumS12^2\*sab[[a,c]] + NNN^3\*SumS12S13\*sab[[a,c]] + NNN^4\*SumAx1A12[[d]]\*sab[[a,c]] + NNN^3\*SumS12\*SumSx1[[d]]\*sab[[a,c]] - NNN^4\*SumSx1S12[[d]]\*sab[[a,c]] + NNN^3\*SumA12A13\*sab[[a,d]] - NNN^2\*SumS12^2\*sab[[a,d]] + NNN^3\*SumS12S13\*sab[[a,d]] + NNN^4\*SumAx1A12[[c]]\*sab[[a,d]] + NNN^3\*SumS12\*SumSx1[[c]]\*sab[[a,d]] - NNN^4\*SumSx1S12[[c]]\*sab[[a,d]] + NNN^3\*SumS12\*SumAx1Ay1[[a,c]] - NNN^4\*SumSx1[[d]]\*SumAx1Ay1[[a,c]] + NNN^3\*SumS12\*SumAx1Ay1[[a,d]] - NNN^4\*SumSx1[[c]]\*SumAx1Ay1[[a,d]] - NNN^4\*SumS12Ax1Ay2[[a,c]] - NNN^4\*SumS12Ax1Ay2[[a,d]] - NNN^4\*SumAx1[[d]]\*SumSx1Ay1[[a,c]] - NNN^4\*SumAx1[[c]]\*SumSx1Ay1[[a,d]] + NNN^4\*SumAx1[[d]]\*SumSx1Ay1[[c,a]] + NNN^4\*SumAx1[[c]]\*SumSx1Ay1[[d,a]] - NNN^4\*SumSx1Ay2A12[[a,c]] - NNN^4\*SumSx1Ay2A12[[a,d]] - NNN^4\*SumSx1Ay2A12[[c,a]] - NNN^4\*SumSx1Ay2A12[[d,a]] + NNN^3\*SumS12\*SumSx1Sy1[[a,c]] - NNN^4\*SumSx1[[d]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12\*SumSx1Sy1[[a,d]] - NNN^4\*SumSx1[[c]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumSx1Sy2S12[[a,c]] - NNN^4\*SumSx1Sy2S12[[a,d]])) + SumAx1[[a]]\*(12\*NNN\*SumA12A13\*SumS12 - 8\*SumS12^3 - 4\*NNN^2\*SumS12A13A24 + 8\*NNN^2\*SumS12A13A34 + 12\*NNN\*SumS12\*SumS12S13 - 4\*NNN^2\*SumS12S13S24 - 4\*NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1[[d]] + 4\*NNN^2\*SumS12\*SumAx1A12[[b]] + 4\*NNN^2\*SumS12\*SumAx1A12[[c]] + 4\*NNN^2\*SumS12\*SumAx1A12[[d]] + 2\*NNN^3\*SumAx1[[d]]\*SumS12Ax1[[c]] + 2\*NNN^3\*SumAx1[[c]]\*SumS12Ax1[[d]] - 2\*NNN^3\*SumS12Ax1A23[[b]] - 2\*NNN^3\*SumS12Ax1A23[[c]] - 2\*NNN^3\*SumS12Ax1A23[[d]] + 2\*NNN^3\*SumS12Ax3A13[[b]] + 2\*NNN^3\*SumS12Ax3A13[[c]] + 2\*NNN^3\*SumS12Ax3A13[[d]] - 4\*NNN^2\*SumA12A13\*SumSx1[[b]] + 6\*NNN\*SumS12^2\*SumSx1[[b]] - 4\*NNN^2\*SumS12S13\*SumSx1[[b]] + 2\*NNN^3\*SumAx1[[c]]\*SumAx1[[d]]\*SumSx1[[b]] - 2\*NNN^3\*SumAx1A12[[c]]\*SumSx1[[b]] - 2\*NNN^3\*SumAx1A12[[d]]\*SumSx1[[b]] - 4\*NNN^2\*SumA12A13\*SumSx1[[c]] + 6\*NNN\*SumS12^2\*SumSx1[[c]] - 4\*NNN^2\*SumS12S13\*SumSx1[[c]] - 2\*NNN^3\*SumAx1A12[[b]]\*SumSx1[[c]] - 2\*NNN^3\*SumAx1A12[[d]]\*SumSx1[[c]] - 4\*NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1[[c]] - 4\*NNN^2\*SumA12A13\*SumSx1[[d]] + 6\*NNN\*SumS12^2\*SumSx1[[d]] - 4\*NNN^2\*SumS12S13\*SumSx1[[d]] - 2\*NNN^3\*SumAx1A12[[b]]\*SumSx1[[d]] - 2\*NNN^3\*SumAx1A12[[c]]\*SumSx1[[d]] - 4\*NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1[[d]] - 4\*NNN^2\*SumS12\*SumSx1[[c]]\*SumSx1[[d]] + 2\*NNN^3\*SumSx1[[b]]\*SumSx1[[c]]\*SumSx1[[d]] + 2\*NNN^3\*SumAx1[[d]]\*SumSx1A12[[c]] + 2\*NNN^3\*SumAx1[[c]]\*SumSx1A12[[d]] - 2\*NNN^3\*SumSx1A12A23[[b]] - 2\*NNN^3\*SumSx1A12A23[[c]] - 2\*NNN^3\*SumSx1A12A23[[d]] - 4\*NNN^2\*SumS12\*SumSx1S12[[b]] + 2\*NNN^3\*SumSx1[[c]]\*SumSx1S12[[b]] + 2\*NNN^3\*SumSx1[[d]]\*SumSx1S12[[b]] - 4\*NNN^2\*SumS12\*SumSx1S12[[c]] + 2\*NNN^3\*SumSx1[[b]]\*SumSx1S12[[c]] + 2\*NNN^3\*SumSx1[[d]]\*SumSx1S12[[c]] - 4\*NNN^2\*SumS12\*SumSx1S12[[d]] + 2\*NNN^3\*SumSx1[[b]]\*SumSx1S12[[d]] + 2\*NNN^3\*SumSx1[[c]]\*SumSx1S12[[d]] + 2\*NNN^3\*SumSx1S12S23[[b]] + 2\*NNN^3\*SumSx1S12S23[[c]] + NNN\*KroneckerDelta[b, d]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[c]] + NNN^3\*SumS12Ax1A23[[c]] - NNN^3\*SumS12Ax3A13[[c]] + NNN^2\*SumA12A13\*SumSx1[[c]] - NNN\*SumS12^2\*SumSx1[[c]] + NNN^2\*SumS12S13\*SumSx1[[c]] + NNN^3\*SumSx1A12A23[[c]] + NNN^2\*SumS12\*SumSx1S12[[c]] - NNN^3\*SumSx1S12S23[[c]]) + 2\*NNN^3\*SumSx1S12S23[[d]] + NNN\*KroneckerDelta[b, c]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[d]] + NNN^3\*SumS12Ax1A23[[d]] - NNN^3\*SumS12Ax3A13[[d]] + NNN^2\*SumA12A13\*SumSx1[[d]] - NNN\*SumS12^2\*SumSx1[[d]] + NNN^2\*SumS12S13\*SumSx1[[d]] + NNN^3\*SumSx1A12A23[[d]] + NNN^2\*SumS12\*SumSx1S12[[d]] - NNN^3\*SumSx1S12S23[[d]]) - NNN^3\*SumS12\*SumAx1[[d]]\*aab[[b,c]] + NNN^4\*SumS12Ax1[[d]]\*aab[[b,c]] + NNN^4\*SumSx1A12[[d]]\*aab[[b,c]] - NNN^3\*SumS12\*SumAx1[[c]]\*aab[[b,d]] + NNN^4\*SumS12Ax1[[c]]\*aab[[b,d]] + NNN^4\*SumSx1A12[[c]]\*aab[[b,d]] + NNN^3\*SumA12A13\*sab[[b,c]] - NNN^2\*SumS12^2\*sab[[b,c]] + NNN^3\*SumS12S13\*sab[[b,c]] + NNN^4\*SumAx1A12[[d]]\*sab[[b,c]] + NNN^3\*SumS12\*SumSx1[[d]]\*sab[[b,c]] - NNN^4\*SumSx1S12[[d]]\*sab[[b,c]] + NNN^3\*SumA12A13\*sab[[b,d]] - NNN^2\*SumS12^2\*sab[[b,d]] + NNN^3\*SumS12S13\*sab[[b,d]] + NNN^4\*SumAx1A12[[c]]\*sab[[b,d]] + NNN^3\*SumS12\*SumSx1[[c]]\*sab[[b,d]] - NNN^4\*SumSx1S12[[c]]\*sab[[b,d]] + NNN^3\*SumS12\*SumAx1Ay1[[b,c]] - NNN^4\*SumSx1[[d]]\*SumAx1Ay1[[b,c]] + NNN^3\*SumS12\*SumAx1Ay1[[b,d]] - NNN^4\*SumSx1[[c]]\*SumAx1Ay1[[b,d]] - NNN^4\*SumS12Ax1Ay2[[b,c]] - NNN^4\*SumS12Ax1Ay2[[b,d]] - NNN^4\*SumAx1[[d]]\*SumSx1Ay1[[b,c]] - NNN^4\*SumAx1[[c]]\*SumSx1Ay1[[b,d]] + NNN^4\*SumAx1[[d]]\*SumSx1Ay1[[c,b]] + NNN^4\*SumAx1[[c]]\*SumSx1Ay1[[d,b]] - NNN^4\*SumSx1Ay2A12[[b,c]] - NNN^4\*SumSx1Ay2A12[[b,d]] - NNN^4\*SumSx1Ay2A12[[c,b]] - NNN^4\*SumSx1Ay2A12[[d,b]] + NNN^3\*SumS12\*SumSx1Sy1[[b,c]] - NNN^4\*SumSx1[[d]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumS12\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1[[c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1Sy2S12[[b,c]] - NNN^4\*SumSx1Sy2S12[[b,d]]) + NNN\*(-2\*NNN\*SumA12A13\*SumS12\*KroneckerDelta[a, c]\*SumAx1[[d]] + SumS12^3\*KroneckerDelta[a, c]\*SumAx1[[d]] + NNN^2\*SumS12A13A24\*KroneckerDelta[a, c]\*SumAx1[[d]] - 2\*NNN^2\*SumS12A13A34\*KroneckerDelta[a, c]\*SumAx1[[d]] - 2\*NNN\*SumS12\*SumS12S13\*KroneckerDelta[a, c]\*SumAx1[[d]] + NNN^2\*SumS12S13S24\*KroneckerDelta[a, c]\*SumAx1[[d]] + 2\*NNN\*SumA12A13\*SumS12\*KroneckerDelta[b, c]\*SumAx1[[d]] - SumS12^3\*KroneckerDelta[b, c]\*SumAx1[[d]] - NNN^2\*SumS12A13A24\*KroneckerDelta[b, c]\*SumAx1[[d]] + 2\*NNN^2\*SumS12A13A34\*KroneckerDelta[b, c]\*SumAx1[[d]] + 2\*NNN\*SumS12\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1[[d]] - NNN^2\*SumS12S13S24\*KroneckerDelta[b, c]\*SumAx1[[d]] + NNN^2\*SumS12\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumAx1A12[[a]] - NNN^2\*SumS12\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumAx1A12[[b]] + 4\*NNN\*SumS12\*SumAx1A12A23[[a]] - NNN^2\*SumS12\*KroneckerDelta[b, c]\*SumAx1A12A23[[a]] - 4\*NNN\*SumS12\*SumAx1A12A23[[b]] + NNN^2\*SumS12\*KroneckerDelta[a, c]\*SumAx1A12A23[[b]] - NNN^2\*SumS12\*KroneckerDelta[a, c]\*SumAx1A12A23[[d]] + NNN^2\*SumS12\*KroneckerDelta[b, c]\*SumAx1A12A23[[d]] - 4\*NNN\*SumA12A13\*SumS12Ax1[[a]] + 6\*SumS12^2\*SumS12Ax1[[a]] - 4\*NNN\*SumS12S13\*SumS12Ax1[[a]] + NNN^2\*SumA12A13\*KroneckerDelta[b, c]\*SumS12Ax1[[a]] - NNN\*SumS12^2\*KroneckerDelta[b, c]\*SumS12Ax1[[a]] + NNN^2\*SumS12S13\*KroneckerDelta[b, c]\*SumS12Ax1[[a]] + 2\*NNN^2\*SumAx1[[c]]\*SumAx1[[d]]\*SumS12Ax1[[a]] - 2\*NNN^2\*SumAx1A12[[b]]\*SumS12Ax1[[a]] - 2\*NNN^2\*SumAx1A12[[c]]\*SumS12Ax1[[a]] - 2\*NNN^2\*SumAx1A12[[d]]\*SumS12Ax1[[a]] + NNN^3\*KroneckerDelta[b, c]\*SumAx1A12[[d]]\*SumS12Ax1[[a]] + 4\*NNN\*SumA12A13\*SumS12Ax1[[b]] - 6\*SumS12^2\*SumS12Ax1[[b]] + 4\*NNN\*SumS12S13\*SumS12Ax1[[b]] - NNN^2\*SumA12A13\*KroneckerDelta[a, c]\*SumS12Ax1[[b]] + NNN\*SumS12^2\*KroneckerDelta[a, c]\*SumS12Ax1[[b]] - NNN^2\*SumS12S13\*KroneckerDelta[a, c]\*SumS12Ax1[[b]] - 2\*NNN^2\*SumAx1[[c]]\*SumAx1[[d]]\*SumS12Ax1[[b]] + 2\*NNN^2\*SumAx1A12[[a]]\*SumS12Ax1[[b]] + 2\*NNN^2\*SumAx1A12[[c]]\*SumS12Ax1[[b]] + 2\*NNN^2\*SumAx1A12[[d]]\*SumS12Ax1[[b]] - NNN^3\*KroneckerDelta[a, c]\*SumAx1A12[[d]]\*SumS12Ax1[[b]] + NNN^2\*SumA12A13\*KroneckerDelta[a, c]\*SumS12Ax1[[d]] - NNN\*SumS12^2\*KroneckerDelta[a, c]\*SumS12Ax1[[d]] + NNN^2\*SumS12S13\*KroneckerDelta[a, c]\*SumS12Ax1[[d]] - NNN^2\*SumA12A13\*KroneckerDelta[b, c]\*SumS12Ax1[[d]] + NNN\*SumS12^2\*KroneckerDelta[b, c]\*SumS12Ax1[[d]] - NNN^2\*SumS12S13\*KroneckerDelta[b, c]\*SumS12Ax1[[d]] - NNN^3\*KroneckerDelta[b, c]\*SumAx1A12[[a]]\*SumS12Ax1[[d]] + NNN^3\*KroneckerDelta[a, c]\*SumAx1A12[[b]]\*SumS12Ax1[[d]] - NNN^3\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumS12Ax1A23[[a]] + NNN^3\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumS12Ax1A23[[b]] - 2\*NNN^2\*SumS12Ax1A23A34[[a]] + NNN^3\*KroneckerDelta[b, c]\*SumS12Ax1A23A34[[a]] + 2\*NNN^2\*SumS12Ax1A23A34[[b]] - NNN^3\*KroneckerDelta[a, c]\*SumS12Ax1A23A34[[b]] + NNN^3\*KroneckerDelta[a, c]\*SumS12Ax1A23A34[[d]] - NNN^3\*KroneckerDelta[b, c]\*SumS12Ax1A23A34[[d]] + NNN^3\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumS12Ax3A13[[a]] - NNN^3\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumS12Ax3A13[[b]] + 2\*NNN^2\*SumS12Ax3A13A24[[a]] - NNN^3\*KroneckerDelta[b, c]\*SumS12Ax3A13A24[[a]] - 2\*NNN^2\*SumS12Ax3A13A24[[b]] + NNN^3\*KroneckerDelta[a, c]\*SumS12Ax3A13A24[[b]] - NNN^3\*KroneckerDelta[a, c]\*SumS12Ax3A13A24[[d]] + NNN^3\*KroneckerDelta[b, c]\*SumS12Ax3A13A24[[d]] + 2\*NNN^2\*SumS12Ax3A14A34[[a]] - NNN^3\*KroneckerDelta[b, c]\*SumS12Ax3A14A34[[a]] - 2\*NNN^2\*SumS12Ax3A14A34[[b]] + NNN^3\*KroneckerDelta[a, c]\*SumS12Ax3A14A34[[b]] - NNN^3\*KroneckerDelta[a, c]\*SumS12Ax3A14A34[[d]] + NNN^3\*KroneckerDelta[b, c]\*SumS12Ax3A14A34[[d]] - 4\*NNN\*SumS12\*SumS12S13Ax2[[a]] + NNN^2\*SumS12\*KroneckerDelta[b, c]\*SumS12S13Ax2[[a]] + 4\*NNN\*SumS12\*SumS12S13Ax2[[b]] - NNN^2\*SumS12\*KroneckerDelta[a, c]\*SumS12S13Ax2[[b]] + NNN^2\*SumS12\*KroneckerDelta[a, c]\*SumS12S13Ax2[[d]] - NNN^2\*SumS12\*KroneckerDelta[b, c]\*SumS12S13Ax2[[d]] + 2\*NNN^2\*SumS12S13S24Ax3[[a]] - NNN^3\*KroneckerDelta[b, c]\*SumS12S13S24Ax3[[a]] - 2\*NNN^2\*SumS12S13S24Ax3[[b]] + NNN^3\*KroneckerDelta[a, c]\*SumS12S13S24Ax3[[b]] - NNN^3\*KroneckerDelta[a, c]\*SumS12S13S24Ax3[[d]] + NNN^3\*KroneckerDelta[b, c]\*SumS12S13S24Ax3[[d]] - NNN^2\*SumA12A13\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumSx1[[a]] + NNN\*SumS12^2\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumSx1[[a]] - NNN^2\*SumS12S13\*KroneckerDelta[b, c]\*SumAx1[[d]]\*SumSx1[[a]] + 2\*NNN^2\*SumAx1A12A23[[b]]\*SumSx1[[a]] - NNN^3\*KroneckerDelta[b, c]\*SumAx1A12A23[[d]]\*SumSx1[[a]] + 4\*NNN\*SumS12\*SumS12Ax1[[b]]\*SumSx1[[a]] - NNN^2\*SumS12\*KroneckerDelta[b, c]\*SumS12Ax1[[d]]\*SumSx1[[a]] - 2\*NNN^2\*SumS12S13Ax2[[b]]\*SumSx1[[a]] + NNN^3\*KroneckerDelta[b, c]\*SumS12S13Ax2[[d]]\*SumSx1[[a]] + NNN^2\*SumA12A13\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumSx1[[b]] - NNN\*SumS12^2\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumSx1[[b]] + NNN^2\*SumS12S13\*KroneckerDelta[a, c]\*SumAx1[[d]]\*SumSx1[[b]] - 2\*NNN^2\*SumAx1A12A23[[a]]\*SumSx1[[b]] + NNN^3\*KroneckerDelta[a, c]\*SumAx1A12A23[[d]]\*SumSx1[[b]] - 4\*NNN\*SumS12\*SumS12Ax1[[a]]\*SumSx1[[b]] + NNN^2\*SumS12\*KroneckerDelta[a, c]\*SumS12Ax1[[d]]\*SumSx1[[b]] + 2\*NNN^2\*SumS12S13Ax2[[a]]\*SumSx1[[b]] - NNN^3\*KroneckerDelta[a, c]\*SumS12S13Ax2[[d]]\*SumSx1[[b]] - 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NNN\*SumS12^2\*SumAx1[[d]]\*sab[[a,c]] + NNN^2\*SumS12S13\*SumAx1[[d]]\*sab[[a,c]] + NNN^3\*SumAx1[[d]]\*SumAx1A12[[b]]\*sab[[a,c]] - NNN^3\*SumAx1A12A23[[b]]\*sab[[a,c]] + NNN^3\*SumAx1A12A23[[d]]\*sab[[a,c]] - NNN^2\*SumS12\*SumS12Ax1[[b]]\*sab[[a,c]] + NNN^2\*SumS12\*SumS12Ax1[[d]]\*sab[[a,c]] + NNN^3\*SumS12S13Ax2[[b]]\*sab[[a,c]] - NNN^3\*SumS12S13Ax2[[d]]\*sab[[a,c]] + NNN^2\*SumS12\*SumAx1[[d]]\*SumSx1[[b]]\*sab[[a,c]] - NNN^3\*SumS12Ax1[[d]]\*SumSx1[[b]]\*sab[[a,c]] + NNN^3\*SumS12Ax1[[b]]\*SumSx1[[d]]\*sab[[a,c]] - NNN^2\*SumS12\*SumSx1A12[[b]]\*sab[[a,c]] + NNN^3\*SumSx1[[d]]\*SumSx1A12[[b]]\*sab[[a,c]] + NNN^2\*SumS12\*SumSx1A12[[d]]\*sab[[a,c]] - NNN^3\*SumSx1[[b]]\*SumSx1A12[[d]]\*sab[[a,c]] - NNN^3\*SumAx1[[d]]\*SumSx1S12[[b]]\*sab[[a,c]] + NNN^3\*SumSx1S12A23[[b]]\*sab[[a,c]] - NNN^3\*SumSx1S12A23[[d]]\*sab[[a,c]] + NNN^3\*SumSx1S23A12[[b]]\*sab[[a,c]] - NNN^3\*SumSx1S23A12[[d]]\*sab[[a,c]] + NNN^2\*SumA12A13\*SumAx1[[c]]\*sab[[a,d]] - NNN\*SumS12^2\*SumAx1[[c]]\*sab[[a,d]] + NNN^2\*SumS12S13\*SumAx1[[c]]\*sab[[a,d]] + NNN^3\*SumAx1[[c]]\*SumAx1A12[[b]]\*sab[[a,d]] - NNN^3\*SumAx1A12A23[[b]]\*sab[[a,d]] + NNN^3\*SumAx1A12A23[[c]]\*sab[[a,d]] - NNN^2\*SumS12\*SumS12Ax1[[b]]\*sab[[a,d]] + NNN^2\*SumS12\*SumS12Ax1[[c]]\*sab[[a,d]] + NNN^3\*SumS12S13Ax2[[b]]\*sab[[a,d]] - NNN^3\*SumS12S13Ax2[[c]]\*sab[[a,d]] + NNN^2\*SumS12\*SumAx1[[c]]\*SumSx1[[b]]\*sab[[a,d]] - NNN^3\*SumS12Ax1[[c]]\*SumSx1[[b]]\*sab[[a,d]] + NNN^3\*SumS12Ax1[[b]]\*SumSx1[[c]]\*sab[[a,d]] - NNN^2\*SumS12\*SumSx1A12[[b]]\*sab[[a,d]] + NNN^3\*SumSx1[[c]]\*SumSx1A12[[b]]\*sab[[a,d]] + NNN^2\*SumS12\*SumSx1A12[[c]]\*sab[[a,d]] - NNN^3\*SumSx1[[b]]\*SumSx1A12[[c]]\*sab[[a,d]] - NNN^3\*SumAx1[[c]]\*SumSx1S12[[b]]\*sab[[a,d]] + NNN^3\*SumSx1S12A23[[b]]\*sab[[a,d]] - NNN^3\*SumSx1S12A23[[c]]\*sab[[a,d]] + NNN^3\*SumSx1S23A12[[b]]\*sab[[a,d]] - NNN^3\*SumSx1S23A12[[c]]\*sab[[a,d]] - NNN^2\*SumA12A13\*SumAx1[[d]]\*sab[[b,c]] + NNN\*SumS12^2\*SumAx1[[d]]\*sab[[b,c]] - NNN^2\*SumS12S13\*SumAx1[[d]]\*sab[[b,c]] - NNN^3\*SumAx1[[d]]\*SumAx1A12[[a]]\*sab[[b,c]] + NNN^3\*SumAx1A12A23[[a]]\*sab[[b,c]] - NNN^3\*SumAx1A12A23[[d]]\*sab[[b,c]] + NNN^2\*SumS12\*SumS12Ax1[[a]]\*sab[[b,c]] - NNN^2\*SumS12\*SumS12Ax1[[d]]\*sab[[b,c]] - NNN^3\*SumS12S13Ax2[[a]]\*sab[[b,c]] + NNN^3\*SumS12S13Ax2[[d]]\*sab[[b,c]] - NNN^2\*SumS12\*SumAx1[[d]]\*SumSx1[[a]]\*sab[[b,c]] + NNN^3\*SumS12Ax1[[d]]\*SumSx1[[a]]\*sab[[b,c]] - NNN^3\*SumS12Ax1[[a]]\*SumSx1[[d]]\*sab[[b,c]] + NNN^2\*SumS12\*SumSx1A12[[a]]\*sab[[b,c]] - NNN^3\*SumSx1[[d]]\*SumSx1A12[[a]]\*sab[[b,c]] - NNN^2\*SumS12\*SumSx1A12[[d]]\*sab[[b,c]] + NNN^3\*SumSx1[[a]]\*SumSx1A12[[d]]\*sab[[b,c]] + NNN^3\*SumAx1[[d]]\*SumSx1S12[[a]]\*sab[[b,c]] - NNN^3\*SumSx1S12A23[[a]]\*sab[[b,c]] + NNN^3\*SumSx1S12A23[[d]]\*sab[[b,c]] - NNN^3\*SumSx1S23A12[[a]]\*sab[[b,c]] + NNN^3\*SumSx1S23A12[[d]]\*sab[[b,c]] - NNN^2\*SumA12A13\*SumAx1[[c]]\*sab[[b,d]] + NNN\*SumS12^2\*SumAx1[[c]]\*sab[[b,d]] - NNN^2\*SumS12S13\*SumAx1[[c]]\*sab[[b,d]] - NNN^3\*SumAx1[[c]]\*SumAx1A12[[a]]\*sab[[b,d]] + NNN^3\*SumAx1A12A23[[a]]\*sab[[b,d]] - NNN^3\*SumAx1A12A23[[c]]\*sab[[b,d]] + NNN^2\*SumS12\*SumS12Ax1[[a]]\*sab[[b,d]] - NNN^2\*SumS12\*SumS12Ax1[[c]]\*sab[[b,d]] - NNN^3\*SumS12S13Ax2[[a]]\*sab[[b,d]] + NNN^3\*SumS12S13Ax2[[c]]\*sab[[b,d]] - NNN^2\*SumS12\*SumAx1[[c]]\*SumSx1[[a]]\*sab[[b,d]] + NNN^3\*SumS12Ax1[[c]]\*SumSx1[[a]]\*sab[[b,d]] - NNN^3\*SumS12Ax1[[a]]\*SumSx1[[c]]\*sab[[b,d]] + NNN^2\*SumS12\*SumSx1A12[[a]]\*sab[[b,d]] - NNN^3\*SumSx1[[c]]\*SumSx1A12[[a]]\*sab[[b,d]] - NNN^2\*SumS12\*SumSx1A12[[c]]\*sab[[b,d]] + NNN^3\*SumSx1[[a]]\*SumSx1A12[[c]]\*sab[[b,d]] + NNN^3\*SumAx1[[c]]\*SumSx1S12[[a]]\*sab[[b,d]] - NNN^3\*SumSx1S12A23[[a]]\*sab[[b,d]] + NNN^3\*SumSx1S12A23[[c]]\*sab[[b,d]] - NNN^3\*SumSx1S23A12[[a]]\*sab[[b,d]] + NNN^3\*SumSx1S23A12[[c]]\*sab[[b,d]] + NNN^2\*SumS12\*SumAx1[[d]]\*SumAx1Ay1[[a,c]] + NNN^3\*SumS12Ax1[[b]]\*SumAx1Ay1[[a,c]] - NNN^3\*SumS12Ax1[[d]]\*SumAx1Ay1[[a,c]] - NNN^3\*SumAx1[[d]]\*SumSx1[[b]]\*SumAx1Ay1[[a,c]] + NNN^3\*SumSx1A12[[b]]\*SumAx1Ay1[[a,c]] - NNN^3\*SumSx1A12[[d]]\*SumAx1Ay1[[a,c]] + NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1Ay1[[a,d]] + NNN^3\*SumS12Ax1[[b]]\*SumAx1Ay1[[a,d]] - NNN^3\*SumS12Ax1[[c]]\*SumAx1Ay1[[a,d]] - NNN^3\*SumAx1[[c]]\*SumSx1[[b]]\*SumAx1Ay1[[a,d]] + NNN^3\*SumSx1A12[[b]]\*SumAx1Ay1[[a,d]] - NNN^3\*SumSx1A12[[c]]\*SumAx1Ay1[[a,d]] - NNN^2\*SumS12\*SumAx1[[d]]\*SumAx1Ay1[[b,c]] - NNN^3\*SumS12Ax1[[a]]\*SumAx1Ay1[[b,c]] + NNN^3\*SumS12Ax1[[d]]\*SumAx1Ay1[[b,c]] + NNN^3\*SumAx1[[d]]\*SumSx1[[a]]\*SumAx1Ay1[[b,c]] - NNN^3\*SumSx1A12[[a]]\*SumAx1Ay1[[b,c]] + NNN^3\*SumSx1A12[[d]]\*SumAx1Ay1[[b,c]] - NNN^2\*SumS12\*SumAx1[[c]]\*SumAx1Ay1[[b,d]] - NNN^3\*SumS12Ax1[[a]]\*SumAx1Ay1[[b,d]] + NNN^3\*SumS12Ax1[[c]]\*SumAx1Ay1[[b,d]] + NNN^3\*SumAx1[[c]]\*SumSx1[[a]]\*SumAx1Ay1[[b,d]] - NNN^3\*SumSx1A12[[a]]\*SumAx1Ay1[[b,d]] + NNN^3\*SumSx1A12[[c]]\*SumAx1Ay1[[b,d]] + NNN^2\*SumS12\*SumAx1Ay2A12[[a,c]] - NNN^3\*SumSx1[[b]]\*SumAx1Ay2A12[[a,c]] - NNN^3\*SumSx1[[d]]\*SumAx1Ay2A12[[a,c]] + NNN^4\*sab[[b,d]]\*SumAx1Ay2A12[[a,c]] + NNN^2\*SumS12\*SumAx1Ay2A12[[a,d]] - NNN^3\*SumSx1[[b]]\*SumAx1Ay2A12[[a,d]] - NNN^3\*SumSx1[[c]]\*SumAx1Ay2A12[[a,d]] + NNN^4\*sab[[b,c]]\*SumAx1Ay2A12[[a,d]] - NNN^2\*SumS12\*SumAx1Ay2A12[[b,c]] + NNN^3\*SumSx1[[a]]\*SumAx1Ay2A12[[b,c]] + NNN^3\*SumSx1[[d]]\*SumAx1Ay2A12[[b,c]] - NNN^4\*sab[[a,d]]\*SumAx1Ay2A12[[b,c]] - NNN^2\*SumS12\*SumAx1Ay2A12[[b,d]] + NNN^3\*SumSx1[[a]]\*SumAx1Ay2A12[[b,d]] + NNN^3\*SumSx1[[c]]\*SumAx1Ay2A12[[b,d]] - NNN^4\*sab[[a,c]]\*SumAx1Ay2A12[[b,d]] + NNN^3\*SumS12A23Ax3Ay1[[a,c]] + NNN^3\*SumS12A23Ax3Ay1[[a,d]] - NNN^4\*KroneckerDelta[b, c]\*SumS12A23Ax3Ay1[[a,d]] - NNN^3\*SumS12A23Ax3Ay1[[b,c]] - NNN^3\*SumS12A23Ax3Ay1[[b,d]] + NNN^4\*KroneckerDelta[a, c]\*SumS12A23Ax3Ay1[[b,d]] - NNN^3\*SumS12A23Ax3Ay1[[c,a]] + NNN^3\*SumS12A23Ax3Ay1[[c,b]] - NNN^3\*SumS12A23Ax3Ay1[[d,a]] + NNN^4\*KroneckerDelta[b, c]\*SumS12A23Ax3Ay1[[d,a]] + NNN^3\*SumS12A23Ax3Ay1[[d,b]] - NNN^4\*KroneckerDelta[a, c]\*SumS12A23Ax3Ay1[[d,b]] - NNN^3\*SumAx1[[d]]\*SumS12Ax1Ay2[[a,c]] - NNN^4\*aab[[b,d]]\*SumS12Ax1Ay2[[a,c]] - NNN^3\*SumAx1[[c]]\*SumS12Ax1Ay2[[a,d]] - NNN^4\*aab[[b,c]]\*SumS12Ax1Ay2[[a,d]] + NNN^3\*SumAx1[[d]]\*SumS12Ax1Ay2[[b,c]] + NNN^4\*aab[[a,d]]\*SumS12Ax1Ay2[[b,c]] + NNN^3\*SumAx1[[c]]\*SumS12Ax1Ay2[[b,d]] + NNN^4\*aab[[a,c]]\*SumS12Ax1Ay2[[b,d]] - NNN^3\*SumS12S1yS23Ax3[[a,c]] - NNN^3\*SumS12S1yS23Ax3[[a,d]] + NNN^4\*KroneckerDelta[b, c]\*SumS12S1yS23Ax3[[a,d]] + NNN^3\*SumS12S1yS23Ax3[[b,c]] + NNN^3\*SumS12S1yS23Ax3[[b,d]] - NNN^4\*KroneckerDelta[a, c]\*SumS12S1yS23Ax3[[b,d]] + NNN^3\*SumS12S1yS23Ax3[[c,a]] - NNN^3\*SumS12S1yS23Ax3[[c,b]] + NNN^3\*SumS12S1yS23Ax3[[d,a]] - NNN^4\*KroneckerDelta[b, c]\*SumS12S1yS23Ax3[[d,a]] - NNN^3\*SumS12S1yS23Ax3[[d,b]] + NNN^4\*KroneckerDelta[a, c]\*SumS12S1yS23Ax3[[d,b]] + NNN^3\*SumS13S1xS2yA23[[a,c]] + NNN^3\*SumS13S1xS2yA23[[a,d]] - NNN^4\*KroneckerDelta[b, c]\*SumS13S1xS2yA23[[a,d]] - NNN^3\*SumS13S1xS2yA23[[b,c]] - NNN^3\*SumS13S1xS2yA23[[b,d]] + NNN^4\*KroneckerDelta[a, c]\*SumS13S1xS2yA23[[b,d]] - NNN^3\*SumS1xS23S2yA13[[a,c]] - NNN^3\*SumS1xS23S2yA13[[a,d]] + NNN^4\*KroneckerDelta[b, c]\*SumS1xS23S2yA13[[a,d]] + NNN^3\*SumS1xS23S2yA13[[b,c]] + NNN^3\*SumS1xS23S2yA13[[b,d]] - NNN^4\*KroneckerDelta[a, c]\*SumS1xS23S2yA13[[b,d]] - NNN^3\*SumS1yA13A23Ax2[[a,c]] - NNN^3\*SumS1yA13A23Ax2[[a,d]] + NNN^4\*KroneckerDelta[b, c]\*SumS1yA13A23Ax2[[a,d]] + NNN^3\*SumS1yA13A23Ax2[[b,c]] + NNN^3\*SumS1yA13A23Ax2[[b,d]] - NNN^4\*KroneckerDelta[a, c]\*SumS1yA13A23Ax2[[b,d]] + NNN^3\*SumS1yA13A23Ax2[[c,a]] - KroneckerDelta[b, d]\*(SumAx1[[c]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[a]] + NNN^3\*SumS12Ax1A23[[a]] - NNN^3\*SumS12Ax3A13[[a]] + NNN^2\*SumA12A13\*SumSx1[[a]] - NNN\*SumS12^2\*SumSx1[[a]] + NNN^2\*SumS12S13\*SumSx1[[a]] + NNN^3\*SumSx1A12A23[[a]] + NNN^2\*SumS12\*SumSx1S12[[a]] - NNN^3\*SumSx1S12S23[[a]]) + NNN\*(-(NNN\*SumA12A13\*SumS12Ax1[[a]]) + SumS12^2\*SumS12Ax1[[a]] - NNN\*SumS12S13\*SumS12Ax1[[a]] - NNN^2\*SumAx1A12[[c]]\*SumS12Ax1[[a]] + NNN\*SumA12A13\*SumS12Ax1[[c]] - SumS12^2\*SumS12Ax1[[c]] + NNN\*SumS12S13\*SumS12Ax1[[c]] + NNN^2\*SumAx1A12[[a]]\*SumS12Ax1[[c]] - NNN^2\*SumS12Ax1A23A34[[a]] + NNN^2\*SumS12Ax1A23A34[[c]] + NNN^2\*SumS12Ax3A13A24[[a]] - NNN^2\*SumS12Ax3A13A24[[c]] + NNN^2\*SumS12Ax3A14A34[[a]] - NNN^2\*SumS12Ax3A14A34[[c]] - NNN\*SumS12\*SumS12S13Ax2[[a]] + NNN\*SumS12\*SumS12S13Ax2[[c]] + NNN^2\*SumS12S13S24Ax3[[a]] - NNN^2\*SumS12S13S24Ax3[[c]] + NNN\*SumS12\*SumS12Ax1[[c]]\*SumSx1[[a]] - NNN^2\*SumS12S13Ax2[[c]]\*SumSx1[[a]] + NNN\*SumAx1A12A23[[c]]\*(-SumS12 + NNN\*SumSx1[[a]]) - NNN\*SumS12\*SumS12Ax1[[a]]\*SumSx1[[c]] + NNN^2\*SumS12S13Ax2[[a]]\*SumSx1[[c]] + NNN\*SumAx1A12A23[[a]]\*(SumS12 - NNN\*SumSx1[[c]]) - NNN\*SumA12A13\*SumSx1A12[[a]] + SumS12^2\*SumSx1A12[[a]] - NNN\*SumS12S13\*SumSx1A12[[a]] - NNN^2\*SumAx1A12[[c]]\*SumSx1A12[[a]] - NNN\*SumS12\*SumSx1[[c]]\*SumSx1A12[[a]] + NNN\*SumA12A13\*SumSx1A12[[c]] - SumS12^2\*SumSx1A12[[c]] + NNN\*SumS12S13\*SumSx1A12[[c]] + NNN^2\*SumAx1A12[[a]]\*SumSx1A12[[c]] + NNN\*SumS12\*SumSx1[[a]]\*SumSx1A12[[c]] - NNN^2\*SumSx1A12A23A34[[a]] + NNN^2\*SumSx1A12A23A34[[c]] - NNN^2\*SumS12Ax1[[c]]\*SumSx1S12[[a]] - NNN^2\*SumSx1A12[[c]]\*SumSx1S12[[a]] + NNN^2\*SumS12Ax1[[a]]\*SumSx1S12[[c]] + NNN^2\*SumSx1A12[[a]]\*SumSx1S12[[c]] - NNN\*SumS12\*SumSx1S12A23[[a]] + NNN^2\*SumSx1[[c]]\*SumSx1S12A23[[a]] + NNN\*SumS12\*SumSx1S12A23[[c]] - NNN^2\*SumSx1[[a]]\*SumSx1S12A23[[c]] + NNN^2\*SumSx1S12S23A34[[a]] - NNN^2\*SumSx1S12S23A34[[c]] + NNN^2\*SumSx1S12S34A23[[a]] - NNN^2\*SumSx1S12S34A23[[c]] - NNN\*SumS12\*SumSx1S23A12[[a]] + NNN^2\*SumSx1[[c]]\*SumSx1S23A12[[a]] + NNN\*SumS12\*SumSx1S23A12[[c]] - NNN^2\*SumSx1[[a]]\*SumSx1S23A12[[c]] + NNN^2\*SumSx1S23S24A13[[a]] - NNN^2\*SumSx1S23S24A13[[c]] + NNN^3\*SumS12A23Ax3Ay1[[a,c]] - NNN^3\*SumS12A23Ax3Ay1[[c,a]] - NNN^3\*SumS12S1yS23Ax3[[a,c]] + NNN^3\*SumS12S1yS23Ax3[[c,a]] + NNN^3\*SumS13S1xS2yA23[[a,c]] - NNN^3\*SumS1xS23S2yA13[[a,c]] - NNN^3\*SumS1yA13A23Ax2[[a,c]] + NNN^3\*SumS1yA13A23Ax2[[c,a]])) - NNN^3\*SumS1yA13A23Ax2[[c,b]] + KroneckerDelta[a, d]\*(SumAx1[[c]]\*(-2\*NNN\*SumA12A13\*SumS12 + SumS12^3 + NNN^2\*SumS12A13A24 - 2\*NNN^2\*SumS12A13A34 - 2\*NNN\*SumS12\*SumS12S13 + NNN^2\*SumS12S13S24 - NNN^2\*SumS12\*SumAx1A12[[b]] + NNN^3\*SumS12Ax1A23[[b]] - NNN^3\*SumS12Ax3A13[[b]] + NNN^2\*SumA12A13\*SumSx1[[b]] - NNN\*SumS12^2\*SumSx1[[b]] + NNN^2\*SumS12S13\*SumSx1[[b]] + NNN^3\*SumSx1A12A23[[b]] + NNN^2\*SumS12\*SumSx1S12[[b]] - NNN^3\*SumSx1S12S23[[b]]) + NNN\*(-(NNN\*SumA12A13\*SumS12Ax1[[b]]) + SumS12^2\*SumS12Ax1[[b]] - NNN\*SumS12S13\*SumS12Ax1[[b]] - NNN^2\*SumAx1A12[[c]]\*SumS12Ax1[[b]] + NNN\*SumA12A13\*SumS12Ax1[[c]] - SumS12^2\*SumS12Ax1[[c]] + NNN\*SumS12S13\*SumS12Ax1[[c]] + NNN^2\*SumAx1A12[[b]]\*SumS12Ax1[[c]] - NNN^2\*SumS12Ax1A23A34[[b]] + NNN^2\*SumS12Ax1A23A34[[c]] + NNN^2\*SumS12Ax3A13A24[[b]] - NNN^2\*SumS12Ax3A13A24[[c]] + NNN^2\*SumS12Ax3A14A34[[b]] - NNN^2\*SumS12Ax3A14A34[[c]] - NNN\*SumS12\*SumS12S13Ax2[[b]] + NNN\*SumS12\*SumS12S13Ax2[[c]] + NNN^2\*SumS12S13S24Ax3[[b]] - NNN^2\*SumS12S13S24Ax3[[c]] + NNN\*SumS12\*SumS12Ax1[[c]]\*SumSx1[[b]] - NNN^2\*SumS12S13Ax2[[c]]\*SumSx1[[b]] + NNN\*SumAx1A12A23[[c]]\*(-SumS12 + NNN\*SumSx1[[b]]) - NNN\*SumS12\*SumS12Ax1[[b]]\*SumSx1[[c]] + NNN^2\*SumS12S13Ax2[[b]]\*SumSx1[[c]] + NNN\*SumAx1A12A23[[b]]\*(SumS12 - NNN\*SumSx1[[c]]) - NNN\*SumA12A13\*SumSx1A12[[b]] + SumS12^2\*SumSx1A12[[b]] - NNN\*SumS12S13\*SumSx1A12[[b]] - NNN^2\*SumAx1A12[[c]]\*SumSx1A12[[b]] - NNN\*SumS12\*SumSx1[[c]]\*SumSx1A12[[b]] + NNN\*SumA12A13\*SumSx1A12[[c]] - SumS12^2\*SumSx1A12[[c]] + NNN\*SumS12S13\*SumSx1A12[[c]] + NNN^2\*SumAx1A12[[b]]\*SumSx1A12[[c]] + NNN\*SumS12\*SumSx1[[b]]\*SumSx1A12[[c]] - NNN^2\*SumSx1A12A23A34[[b]] + NNN^2\*SumSx1A12A23A34[[c]] - NNN^2\*SumS12Ax1[[c]]\*SumSx1S12[[b]] - NNN^2\*SumSx1A12[[c]]\*SumSx1S12[[b]] + NNN^2\*SumS12Ax1[[b]]\*SumSx1S12[[c]] + NNN^2\*SumSx1A12[[b]]\*SumSx1S12[[c]] - NNN\*SumS12\*SumSx1S12A23[[b]] + NNN^2\*SumSx1[[c]]\*SumSx1S12A23[[b]] + NNN\*SumS12\*SumSx1S12A23[[c]] - NNN^2\*SumSx1[[b]]\*SumSx1S12A23[[c]] + NNN^2\*SumSx1S12S23A34[[b]] - NNN^2\*SumSx1S12S23A34[[c]] + NNN^2\*SumSx1S12S34A23[[b]] - NNN^2\*SumSx1S12S34A23[[c]] - NNN\*SumS12\*SumSx1S23A12[[b]] + NNN^2\*SumSx1[[c]]\*SumSx1S23A12[[b]] + NNN\*SumS12\*SumSx1S23A12[[c]] - NNN^2\*SumSx1[[b]]\*SumSx1S23A12[[c]] + NNN^2\*SumSx1S23S24A13[[b]] - NNN^2\*SumSx1S23S24A13[[c]] + NNN^3\*SumS12A23Ax3Ay1[[b,c]] - NNN^3\*SumS12A23Ax3Ay1[[c,b]] - NNN^3\*SumS12S1yS23Ax3[[b,c]] + NNN^3\*SumS12S1yS23Ax3[[c,b]] + NNN^3\*SumS13S1xS2yA23[[b,c]] - NNN^3\*SumS1xS23S2yA13[[b,c]] - NNN^3\*SumS1yA13A23Ax2[[b,c]] + NNN^3\*SumS1yA13A23Ax2[[c,b]])) + NNN^3\*SumS1yA13A23Ax2[[d,a]] - NNN^4\*KroneckerDelta[b, c]\*SumS1yA13A23Ax2[[d,a]] - NNN^3\*SumS1yA13A23Ax2[[d,b]] + NNN^4\*KroneckerDelta[a, c]\*SumS1yA13A23Ax2[[d,b]] - NNN^2\*SumA12A13\*SumSx1Ay1[[a,c]] + NNN\*SumS12^2\*SumSx1Ay1[[a,c]] - NNN^2\*SumS12S13\*SumSx1Ay1[[a,c]] - NNN^3\*SumAx1A12[[b]]\*SumSx1Ay1[[a,c]] - NNN^3\*SumAx1A12[[d]]\*SumSx1Ay1[[a,c]] - NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[a,c]] - NNN^2\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[a,c]] + NNN^3\*SumSx1[[b]]\*SumSx1[[d]]\*SumSx1Ay1[[a,c]] + NNN^3\*SumSx1S12[[b]]\*SumSx1Ay1[[a,c]] + NNN^3\*SumSx1S12[[d]]\*SumSx1Ay1[[a,c]] - NNN^4\*SumAx1Ay1[[b,d]]\*SumSx1Ay1[[a,c]] - NNN^2\*SumA12A13\*SumSx1Ay1[[a,d]] + NNN\*SumS12^2\*SumSx1Ay1[[a,d]] - NNN^2\*SumS12S13\*SumSx1Ay1[[a,d]] - NNN^3\*SumAx1A12[[b]]\*SumSx1Ay1[[a,d]] - NNN^3\*SumAx1A12[[c]]\*SumSx1Ay1[[a,d]] - NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[a,d]] - NNN^2\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[a,d]] + NNN^3\*SumSx1[[b]]\*SumSx1[[c]]\*SumSx1Ay1[[a,d]] + NNN^3\*SumSx1S12[[b]]\*SumSx1Ay1[[a,d]] + NNN^3\*SumSx1S12[[c]]\*SumSx1Ay1[[a,d]] - NNN^4\*SumAx1Ay1[[b,c]]\*SumSx1Ay1[[a,d]] + NNN^2\*SumA12A13\*SumSx1Ay1[[b,c]] - NNN\*SumS12^2\*SumSx1Ay1[[b,c]] + NNN^2\*SumS12S13\*SumSx1Ay1[[b,c]] + NNN^3\*SumAx1A12[[a]]\*SumSx1Ay1[[b,c]] + NNN^3\*SumAx1A12[[d]]\*SumSx1Ay1[[b,c]] + NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[b,c]] + NNN^2\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[b,c]] - NNN^3\*SumSx1[[a]]\*SumSx1[[d]]\*SumSx1Ay1[[b,c]] - NNN^3\*SumSx1S12[[a]]\*SumSx1Ay1[[b,c]] - NNN^3\*SumSx1S12[[d]]\*SumSx1Ay1[[b,c]] + NNN^4\*SumAx1Ay1[[a,d]]\*SumSx1Ay1[[b,c]] + NNN^2\*SumA12A13\*SumSx1Ay1[[b,d]] - NNN\*SumS12^2\*SumSx1Ay1[[b,d]] + NNN^2\*SumS12S13\*SumSx1Ay1[[b,d]] + NNN^3\*SumAx1A12[[a]]\*SumSx1Ay1[[b,d]] + NNN^3\*SumAx1A12[[c]]\*SumSx1Ay1[[b,d]] + NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[b,d]] + NNN^2\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[b,d]] - NNN^3\*SumSx1[[a]]\*SumSx1[[c]]\*SumSx1Ay1[[b,d]] - NNN^3\*SumSx1S12[[a]]\*SumSx1Ay1[[b,d]] - NNN^3\*SumSx1S12[[c]]\*SumSx1Ay1[[b,d]] + NNN^4\*SumAx1Ay1[[a,c]]\*SumSx1Ay1[[b,d]] + NNN^2\*SumA12A13\*SumSx1Ay1[[c,a]] - NNN\*SumS12^2\*SumSx1Ay1[[c,a]] + NNN^2\*SumS12S13\*SumSx1Ay1[[c,a]] + NNN^3\*SumAx1A12[[b]]\*SumSx1Ay1[[c,a]] + NNN^3\*SumAx1A12[[d]]\*SumSx1Ay1[[c,a]] + NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[c,a]] + NNN^2\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[c,a]] - NNN^3\*SumSx1[[b]]\*SumSx1[[d]]\*SumSx1Ay1[[c,a]] - NNN^3\*SumSx1S12[[b]]\*SumSx1Ay1[[c,a]] - NNN^3\*SumSx1S12[[d]]\*SumSx1Ay1[[c,a]] + NNN^4\*SumAx1Ay1[[b,d]]\*SumSx1Ay1[[c,a]] - NNN^2\*SumA12A13\*SumSx1Ay1[[c,b]] + NNN\*SumS12^2\*SumSx1Ay1[[c,b]] - NNN^2\*SumS12S13\*SumSx1Ay1[[c,b]] - NNN^3\*SumAx1A12[[a]]\*SumSx1Ay1[[c,b]] - NNN^3\*SumAx1A12[[d]]\*SumSx1Ay1[[c,b]] - NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[c,b]] - NNN^2\*SumS12\*SumSx1[[d]]\*SumSx1Ay1[[c,b]] + NNN^3\*SumSx1[[a]]\*SumSx1[[d]]\*SumSx1Ay1[[c,b]] + NNN^3\*SumSx1S12[[a]]\*SumSx1Ay1[[c,b]] + NNN^3\*SumSx1S12[[d]]\*SumSx1Ay1[[c,b]] - NNN^4\*SumAx1Ay1[[a,d]]\*SumSx1Ay1[[c,b]] + NNN^2\*SumA12A13\*SumSx1Ay1[[d,a]] - NNN\*SumS12^2\*SumSx1Ay1[[d,a]] + NNN^2\*SumS12S13\*SumSx1Ay1[[d,a]] + NNN^3\*SumAx1A12[[b]]\*SumSx1Ay1[[d,a]] + NNN^3\*SumAx1A12[[c]]\*SumSx1Ay1[[d,a]] + NNN^2\*SumS12\*SumSx1[[b]]\*SumSx1Ay1[[d,a]] + NNN^2\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[d,a]] - NNN^3\*SumSx1[[b]]\*SumSx1[[c]]\*SumSx1Ay1[[d,a]] - NNN^3\*SumSx1S12[[b]]\*SumSx1Ay1[[d,a]] - NNN^3\*SumSx1S12[[c]]\*SumSx1Ay1[[d,a]] + NNN^4\*SumAx1Ay1[[b,c]]\*SumSx1Ay1[[d,a]] - NNN^2\*SumA12A13\*SumSx1Ay1[[d,b]] + NNN\*SumS12^2\*SumSx1Ay1[[d,b]] - NNN^2\*SumS12S13\*SumSx1Ay1[[d,b]] - NNN^3\*SumAx1A12[[a]]\*SumSx1Ay1[[d,b]] - NNN^3\*SumAx1A12[[c]]\*SumSx1Ay1[[d,b]] - NNN^2\*SumS12\*SumSx1[[a]]\*SumSx1Ay1[[d,b]] - NNN^2\*SumS12\*SumSx1[[c]]\*SumSx1Ay1[[d,b]] + NNN^3\*SumSx1[[a]]\*SumSx1[[c]]\*SumSx1Ay1[[d,b]] + NNN^3\*SumSx1S12[[a]]\*SumSx1Ay1[[d,b]] + NNN^3\*SumSx1S12[[c]]\*SumSx1Ay1[[d,b]] - NNN^4\*SumAx1Ay1[[a,c]]\*SumSx1Ay1[[d,b]] - NNN^3\*SumAx1[[d]]\*SumSx1Ay2A12[[a,c]] - NNN^4\*aab[[b,d]]\*SumSx1Ay2A12[[a,c]] - NNN^3\*SumAx1[[c]]\*SumSx1Ay2A12[[a,d]] - NNN^4\*aab[[b,c]]\*SumSx1Ay2A12[[a,d]] + NNN^3\*SumAx1[[d]]\*SumSx1Ay2A12[[b,c]] + NNN^4\*aab[[a,d]]\*SumSx1Ay2A12[[b,c]] + NNN^3\*SumAx1[[c]]\*SumSx1Ay2A12[[b,d]] + NNN^4\*aab[[a,c]]\*SumSx1Ay2A12[[b,d]] - NNN^3\*SumAx1[[d]]\*SumSx1Ay2A12[[c,a]] - NNN^4\*aab[[b,d]]\*SumSx1Ay2A12[[c,a]] + NNN^3\*SumAx1[[d]]\*SumSx1Ay2A12[[c,b]] + NNN^4\*aab[[a,d]]\*SumSx1Ay2A12[[c,b]] - NNN^3\*SumAx1[[c]]\*SumSx1Ay2A12[[d,a]] - NNN^4\*aab[[b,c]]\*SumSx1Ay2A12[[d,a]] + NNN^3\*SumAx1[[c]]\*SumSx1Ay2A12[[d,b]] + NNN^4\*aab[[a,c]]\*SumSx1Ay2A12[[d,b]] - NNN^2\*SumS12\*SumSx1S12Ay2[[a,c]] + NNN^3\*SumSx1[[b]]\*SumSx1S12Ay2[[a,c]] + NNN^3\*SumSx1[[d]]\*SumSx1S12Ay2[[a,c]] - NNN^4\*sab[[b,d]]\*SumSx1S12Ay2[[a,c]] - NNN^2\*SumS12\*SumSx1S12Ay2[[a,d]] + NNN^3\*SumSx1[[b]]\*SumSx1S12Ay2[[a,d]] + NNN^3\*SumSx1[[c]]\*SumSx1S12Ay2[[a,d]] - NNN^4\*sab[[b,c]]\*SumSx1S12Ay2[[a,d]] + NNN^2\*SumS12\*SumSx1S12Ay2[[b,c]] - NNN^3\*SumSx1[[a]]\*SumSx1S12Ay2[[b,c]] - NNN^3\*SumSx1[[d]]\*SumSx1S12Ay2[[b,c]] + NNN^4\*sab[[a,d]]\*SumSx1S12Ay2[[b,c]] + NNN^2\*SumS12\*SumSx1S12Ay2[[b,d]] - NNN^3\*SumSx1[[a]]\*SumSx1S12Ay2[[b,d]] - NNN^3\*SumSx1[[c]]\*SumSx1S12Ay2[[b,d]] + NNN^4\*sab[[a,c]]\*SumSx1S12Ay2[[b,d]] + NNN^2\*SumS12\*SumSx1S12Ay2[[c,a]] - NNN^3\*SumSx1[[b]]\*SumSx1S12Ay2[[c,a]] - NNN^3\*SumSx1[[d]]\*SumSx1S12Ay2[[c,a]] + NNN^4\*sab[[b,d]]\*SumSx1S12Ay2[[c,a]] - NNN^2\*SumS12\*SumSx1S12Ay2[[c,b]] + NNN^3\*SumSx1[[a]]\*SumSx1S12Ay2[[c,b]] + NNN^3\*SumSx1[[d]]\*SumSx1S12Ay2[[c,b]] - NNN^4\*sab[[a,d]]\*SumSx1S12Ay2[[c,b]] + NNN^2\*SumS12\*SumSx1S12Ay2[[d,a]] - NNN^3\*SumSx1[[b]]\*SumSx1S12Ay2[[d,a]] - NNN^3\*SumSx1[[c]]\*SumSx1S12Ay2[[d,a]] + NNN^4\*sab[[b,c]]\*SumSx1S12Ay2[[d,a]] - NNN^2\*SumS12\*SumSx1S12Ay2[[d,b]] + NNN^3\*SumSx1[[a]]\*SumSx1S12Ay2[[d,b]] + NNN^3\*SumSx1[[c]]\*SumSx1S12Ay2[[d,b]] - NNN^4\*sab[[a,c]]\*SumSx1S12Ay2[[d,b]] + NNN^2\*SumS12\*SumAx1[[d]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumS12Ax1[[b]]\*SumSx1Sy1[[a,c]] - NNN^3\*SumS12Ax1[[d]]\*SumSx1Sy1[[a,c]] - NNN^3\*SumAx1[[d]]\*SumSx1[[b]]\*SumSx1Sy1[[a,c]] + NNN^3\*SumSx1A12[[b]]\*SumSx1Sy1[[a,c]] - NNN^3\*SumSx1A12[[d]]\*SumSx1Sy1[[a,c]] + NNN^4\*SumSx1Ay1[[b,d]]\*SumSx1Sy1[[a,c]] - NNN^4\*SumSx1Ay1[[d,b]]\*SumSx1Sy1[[a,c]] + NNN^2\*SumS12\*SumAx1[[c]]\*SumSx1Sy1[[a,d]] + NNN^3\*SumS12Ax1[[b]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumS12Ax1[[c]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumAx1[[c]]\*SumSx1[[b]]\*SumSx1Sy1[[a,d]] + NNN^3\*SumSx1A12[[b]]\*SumSx1Sy1[[a,d]] - NNN^3\*SumSx1A12[[c]]\*SumSx1Sy1[[a,d]] + NNN^4\*SumSx1Ay1[[b,c]]\*SumSx1Sy1[[a,d]] - NNN^4\*SumSx1Ay1[[c,b]]\*SumSx1Sy1[[a,d]] - NNN^2\*SumS12\*SumAx1[[d]]\*SumSx1Sy1[[b,c]] - NNN^3\*SumS12Ax1[[a]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumS12Ax1[[d]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumAx1[[d]]\*SumSx1[[a]]\*SumSx1Sy1[[b,c]] - NNN^3\*SumSx1A12[[a]]\*SumSx1Sy1[[b,c]] + NNN^3\*SumSx1A12[[d]]\*SumSx1Sy1[[b,c]] - NNN^4\*SumSx1Ay1[[a,d]]\*SumSx1Sy1[[b,c]] + NNN^4\*SumSx1Ay1[[d,a]]\*SumSx1Sy1[[b,c]] - NNN^2\*SumS12\*SumAx1[[c]]\*SumSx1Sy1[[b,d]] - NNN^3\*SumS12Ax1[[a]]\*SumSx1Sy1[[b,d]] + NNN^3\*SumS12Ax1[[c]]\*SumSx1Sy1[[b,d]] + NNN^3\*SumAx1[[c]]\*SumSx1[[a]]\*SumSx1Sy1[[b,d]] - NNN^3\*SumSx1A12[[a]]\*SumSx1Sy1[[b,d]] + NNN^3\*SumSx1A12[[c]]\*SumSx1Sy1[[b,d]] - NNN^4\*SumSx1Ay1[[a,c]]\*SumSx1Sy1[[b,d]] + NNN^4\*SumSx1Ay1[[c,a]]\*SumSx1Sy1[[b,d]] + NNN^2\*SumS12\*SumSx1Sy2A12[[a,c]] - NNN^3\*SumSx1[[b]]\*SumSx1Sy2A12[[a,c]] - NNN^3\*SumSx1[[d]]\*SumSx1Sy2A12[[a,c]] + NNN^4\*sab[[b,d]]\*SumSx1Sy2A12[[a,c]] + NNN^2\*SumS12\*SumSx1Sy2A12[[a,d]] - NNN^3\*SumSx1[[b]]\*SumSx1Sy2A12[[a,d]] - NNN^3\*SumSx1[[c]]\*SumSx1Sy2A12[[a,d]] + NNN^4\*sab[[b,c]]\*SumSx1Sy2A12[[a,d]] - NNN^2\*SumS12\*SumSx1Sy2A12[[b,c]] + NNN^3\*SumSx1[[a]]\*SumSx1Sy2A12[[b,c]] + NNN^3\*SumSx1[[d]]\*SumSx1Sy2A12[[b,c]] - NNN^4\*sab[[a,d]]\*SumSx1Sy2A12[[b,c]] - NNN^2\*SumS12\*SumSx1Sy2A12[[b,d]] + NNN^3\*SumSx1[[a]]\*SumSx1Sy2A12[[b,d]] + NNN^3\*SumSx1[[c]]\*SumSx1Sy2A12[[b,d]] - NNN^4\*sab[[a,c]]\*SumSx1Sy2A12[[b,d]] - NNN^3\*SumAx1[[d]]\*SumSx1Sy2S12[[a,c]] - NNN^4\*aab[[b,d]]\*SumSx1Sy2S12[[a,c]] - NNN^3\*SumAx1[[c]]\*SumSx1Sy2S12[[a,d]] - NNN^4\*aab[[b,c]]\*SumSx1Sy2S12[[a,d]] + NNN^3\*SumAx1[[d]]\*SumSx1Sy2S12[[b,c]] + NNN^4\*aab[[a,d]]\*SumSx1Sy2S12[[b,c]] + NNN^3\*SumAx1[[c]]\*SumSx1Sy2S12[[b,d]] + NNN^4\*aab[[a,c]]\*SumSx1Sy2S12[[b,d]])))/(16\*NNN^5)