

$$-2 + g_{4,4} - g_{1,1} (-1 + g_{4,4^+}) - (-1 + g_{2,2^+}) g_{5,5} - g_{3,3} (-1 + g_{6,6^+}) +$$

$$g_{2,5} (g_{2,2^+} - g_{5,2} + g_{2^+,2}) + g_{4,1} (-g_{1,4^+} + g_{4^+,4}) + g_{6,3} (-g_{3,6^+} + g_{6^+,6}) +$$