Gustiths.

7.28 Apply Casimit's trick to compute Jui2= Jui2+ Juz [+ M, Qus* + M2* M2 where $U_1 = \frac{ge}{(P_1 - P_3)^3 - m^2c^2} \left[\overline{u_4} \not = \frac{4}{2} (P_1 - P_3 + mc) \not = \frac{\pi}{3} u_1 \right]$ $M_{2} = \frac{9\vec{e}}{(P_{1}+\vec{l}_{2})^{2}-m^{2}c^{2}} \left[n_{4} + \frac{4}{3} (P_{1} + P_{2} + n_{4}) + u_{1} \right].$ My = (-1) [Ty \$ (p, - /3+mc) \$ * U1] U1 \$ \$ 3 (p, -/3, +mc) \$ 2 8 U4] = Co-) [Ua Tub] [Ua Tub] where $u_a = u_a$, $u_s = u_1$, $T_1 = f_2(p_1 - p_3 + m_c) f_3^*$ By casimils think we have < M, 1 = Tr LT, (+ m, c) T (x, + m, c)] (---) M212 = (--) = [Tq T2 U1] [U4 T2 U1]* => = Tr[Tz (f+m,c) Tz (f+m,c)] (---)

 $M_1M_2^* = (--) \left[\overline{u_4} \right] \left[\overline{u_4} \right] \left[\overline{u_4} \right]$ = MiMz = Tr [Tr(Pg+mqi) Tz c/+m,c) (") 12 12 = (--) [" 1 2 " 2] [" 4 T, " 1] * > < M2 + M27 = Tr[[2 (/4+m4c)] (/+m4c)] (--) Adding in the appropriate factors we have (M12) = (M12) + (M2) > + (M1 M2) > + (M1 M2) > + ge + T { T (f + Mec) T 2 (f + Mec) } 4 t 9e To To To To To the c) To the c) To the c) 4 where T= & (4-/3+mc) \$\$ 1 T= \$\$ (\$+ \$p_2+mc) \$=