

GeV

$$x=a+b+c+d+e+f+g$$

$$x=a+b+c+d+e+f+g$$

$$x=a+b+c+d+e+f+g$$

ams,xc

ams, xc

ams, xc

$$dssdfsd fasdsafsd \qquad (1)$$

|||

Fig. 1

Fig.1

Fig.Apple

Fig. Apple

Fig. Apple

Fig. Apple

# 1 safsd

$$\Gamma^\mu[a,p]=-(D+F)^2\,I[a,N,\pi]-\frac{(3F+D)^2}{6}\,I[a,K,\Lambda]-\frac{(D-F)^2}{2}\,I[a,K,\Sigma] \qquad (2)$$

$$\Gamma^\mu[a,n]=(D+F)^2\,I[a,N,\pi]-(D-F)^2\,I[a,K,\Sigma] \qquad (3)$$

$$p'$$

$$p'$$

coefficients

$\Sigma m$	pr	ne
1a	$\begin{aligned} I[a, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow -2 f_1^2 \\ I[a, \Sigma p, \Sigma \emptyset, km] &\rightarrow -(d_1 + f_1)^2 \\ I[a, \Sigma p, \wedge, \eta m] &\rightarrow -((2 d_1^2) / 3) \end{aligned}$	$\begin{aligned} I[a, pr, \Sigma \emptyset, km] &\rightarrow -\frac{1}{3} (d_1 - f_1)^2 \\ I[a, pr, ne, \eta m] &\rightarrow -(d_1 + f_1)^2 \\ I[a, pr, \wedge, km] &\rightarrow -\frac{1}{3} (d_1 + 3 f_1)^2 \end{aligned}$
2b	$\begin{aligned} I[b, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow \\ &-((2 (c_1 d_1 f_1 Q_2 - c_2 d_1 f_1 Q_2 - \\ &\quad 2 c_1 f_1^2 Q_2 - 2 c_2 f_1^2 Q_2 + \\ &\quad c_3 f_1^2 Q_2)) / (3 (4 m o^2 + Q_2))) \\ I[b, \Sigma p, \Sigma p, \eta] &\rightarrow \\ &((2 f_1^2 (12 m o^2 + 4 c_1 Q_2 - c_3 Q_2)) / \\ &\quad (3 (4 m o^2 + Q_2))) \\ I[b, \Sigma p, pr, \eta \emptyset] &\rightarrow \\ &((2 d_1^2 (12 m o^2 + 4 c_1 Q_2 - c_3 Q_2)) / \\ &\quad (9 (4 m o^2 + Q_2))) \\ I[b, \Sigma p, pr, k \emptyset] &\rightarrow \\ &(((d_1 - f_1)^2 (12 m o^2 + 4 c_1 Q_2 - c_2 Q_2)) / \\ &\quad (3 (4 m o^2 + Q_2))) \\ I[b, \Sigma p, \Sigma \emptyset, km] &\rightarrow \\ &-(((c_1 - 4 c_3) (d_1 + f_1)^2 Q_2) / \\ &\quad (3 (4 m o^2 + Q_2))) \\ I[b, \Sigma p, \wedge, \eta m] &\rightarrow \\ &(2 (c_3 d_1^2 Q_2 - c_1 d_1 f_1 Q_2 + \\ &\quad c_2 d_1 f_1 Q_2)) / (3 (4 m o^2 + Q_2)) \end{aligned}$	$\begin{aligned} I[b, pr, \Sigma \emptyset, km] &\rightarrow (1 / (6 (4 m o^2 + Q_2))) \\ &(c_1 d_1^2 Q_2 + 3 c_2 d_1^2 Q_2 - \\ &\quad c_3 d_1^2 Q_2 - 6 c_1 d_1 f_1 Q_2 - \\ &\quad 2 c_2 d_1 f_1 Q_2 + 2 c_3 d_1 f_1 Q_2 + \\ &\quad 5 c_1 f_1^2 Q_2 - c_2 f_1^2 Q_2 - c_3 f_1^2 Q_2) \\ I[b, pr, \Sigma p, k \emptyset] &\rightarrow \\ &((d_1 - f_1)^2 (12 m o^2 + 4 c_1 Q_2 - c_3 Q_2)) / \\ &\quad (3 (4 m o^2 + Q_2)) \\ I[b, pr, pr, \eta \emptyset] &\rightarrow \\ &((d_1 + f_1)^2 (12 m o^2 + 4 c_1 Q_2 - c_2 Q_2)) / \\ &\quad (6 (4 m o^2 + Q_2)) \\ I[b, pr, pr, \eta] &\rightarrow ((d_1 - 3 f_1)^2 \\ &\quad (12 m o^2 + 4 c_1 Q_2 - c_2 Q_2)) / \\ &\quad (18 (4 m o^2 + Q_2)) \\ I[b, pr, ne, \eta m] &\rightarrow \\ &-(((c_1 - 4 c_2) (d_1 + f_1)^2 Q_2) / \\ &\quad (3 (4 m o^2 + Q_2))) \\ I[b, pr, \wedge, km] &\rightarrow \\ &(1 / (6 (4 m o^2 + Q_2))) (-c_1 d_1^2 Q_2 + \\ &\quad c_2 d_1^2 Q_2 + c_3 d_1^2 Q_2 - 2 c_1 d_1 f_1 Q_2 + \\ &\quad 2 c_2 d_1 f_1 Q_2 + 6 c_3 d_1 f_1 Q_2 + \\ &\quad 3 c_1 f_1^2 Q_2 - 3 c_2 f_1^2 Q_2 + 9 c_3 f_1^2 Q_2) \end{aligned}$
3c	$\begin{aligned} I[c, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow \\ &-((16 (c_1 d_1 f_1 - c_2 d_1 f_1 - 2 c_1 f_1^2 - \\ &\quad 2 c_2 f_1^2 + c_3 f_1^2) m o^2) / \\ &\quad (3 (4 m o^2 + Q_2))) \\ I[c, \Sigma p, \Sigma p, \eta \emptyset] &\rightarrow \\ &(16 (-3 + 4 c_1 - c_3) f_1^2 m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)) \\ I[c, \Sigma p, \Sigma p, \eta] &\rightarrow \\ &(16 (-3 + 4 c_1 - c_3) d_1^2 m o^2) / \\ &\quad (9 (4 m o^2 + Q_2)) \\ I[c, \Sigma p, pr, k \emptyset] &\rightarrow \\ &(8 (-3 + 4 c_1 - c_2) (d_1 - f_1)^2 m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)) \\ I[c, \Sigma p, \Sigma \emptyset, km] &\rightarrow \\ &-(((8 (c_1 - 4 c_3) (d_1 + f_1)^2 m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)))) \\ I[c, \Sigma p, \wedge, \eta m] &\rightarrow \\ &(16 (c_3 d_1^2 - c_1 d_1 f_1 + c_2 d_1 f_1) m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)) \end{aligned}$	$\begin{aligned} I[c, pr, \Sigma \emptyset, km] &\rightarrow \\ &(1 / (3 (4 m o^2 + Q_2))) 4 \\ &(c_1 d_1^2 + 3 c_2 d_1^2 - c_3 d_1^2 - 6 c_1 d_1 f_1 - \\ &\quad 2 c_2 d_1 f_1 + 2 c_3 d_1 f_1 + \\ &\quad 5 c_1 f_1^2 - c_2 f_1^2 - c_3 f_1^2) m o^2 \\ I[c, pr, \Sigma p, k \emptyset] &\rightarrow \\ &(8 (-3 + 4 c_1 - c_3) (d_1 - f_1)^2 m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)) \\ I[c, pr, pr, \eta \emptyset] &\rightarrow \\ &(4 (-3 + 4 c_1 - c_2) (d_1 + f_1)^2 m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)) \\ I[c, pr, pr, \eta] &\rightarrow \\ &(4 (-3 + 4 c_1 - c_2) (d_1 - 3 f_1)^2 m o^2) / \\ &\quad (9 (4 m o^2 + Q_2)) \\ I[c, pr, ne, \eta m] &\rightarrow \\ &-(((8 (c_1 - 4 c_2) (d_1 + f_1)^2 m o^2) / \\ &\quad (3 (4 m o^2 + Q_2)))) \\ I[c, pr, \wedge, km] &\rightarrow \\ &-((1 / (3 (4 m o^2 + Q_2))) 4 \\ &\quad (c_1 d_1^2 - c_2 d_1^2 - c_3 d_1^2 + 2 c_1 d_1 f_1 - \\ &\quad 2 c_2 d_1 f_1 - 6 c_3 d_1 f_1 + \\ &\quad 3 c_1 f_1^2 + 3 c_2 f_1^2 - 9 c_3 f_1^2) m o^2) \end{aligned}$
4de	$\begin{aligned} I[de, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow -2 f_1^2 \\ I[de, \Sigma p, \Sigma \emptyset, km] &\rightarrow -(d_1 + f_1)^2 \\ I[de, \Sigma p, \wedge, \eta m] &\rightarrow -\frac{2 d_1^2}{3} \end{aligned}$	$\begin{aligned} I[de, pr, \Sigma \emptyset, km] &\rightarrow -\frac{1}{3} (d_1 - f_1)^2 \\ I[de, pr, ne, \eta m] &\rightarrow -(d_1 + f_1)^2 \\ I[de, pr, \wedge, km] &\rightarrow -\frac{1}{6} (d_1 + 3 f_1)^2 \end{aligned}$
5fg	$\begin{aligned} I[fg, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow -2 f_1^2 \\ I[fg, \Sigma p, \Sigma \emptyset, km] &\rightarrow -(d_1 + f_1)^2 \\ I[fg, \Sigma p, \wedge, \eta m] &\rightarrow -\frac{2 d_1^2}{3} \end{aligned}$	$\begin{aligned} I[fg, pr, \Sigma \emptyset, km] &\rightarrow -\frac{1}{3} (d_1 - f_1)^2 \\ I[fg, pr, ne, \eta m] &\rightarrow -(d_1 + f_1)^2 \\ I[fg, pr, \wedge, km] &\rightarrow -\frac{1}{6} (d_1 + 3 f_1)^2 \end{aligned}$
6h	$\begin{aligned} I[h, \Sigma p, \Delta pp, kp] &\rightarrow c_1^2 \\ I[h, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow -\frac{c_1^2}{6} \\ I[h, \Sigma p, \Sigma \emptyset, km] &\rightarrow -\frac{c_1^2}{3} \end{aligned}$	$\begin{aligned} I[h, pr, \Delta \emptyset, \eta m] &\rightarrow -\frac{c_1^2}{6} \\ I[h, pr, \Delta pp, \eta p] &\rightarrow c_1^2 \\ I[h, pr, \Sigma \emptyset, km] &\rightarrow -\frac{c_1^2}{6} \end{aligned}$
7i	$\begin{aligned} I[i, \Sigma p, \Delta p, k \emptyset] &\rightarrow \\ &(c_1^2 (4 m d^2 + 2 c_1 Q_2 + c_2 Q_2)) / \\ &\quad (6 (4 m d^2 + Q_2)) \\ I[i, \Sigma p, \Delta pp, kp] &\rightarrow \\ &(c_1^2 (8 m d^2 + 3 c_1 Q_2)) / \\ &\quad (2 (4 m d^2 + Q_2)) \\ I[i, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow \\ &((c_1 + c_2 + c_3) c_1^2 Q_2) / \\ &\quad (12 (4 m d^2 + Q_2)) \\ I[i, \Sigma p, \Sigma sp, \eta \emptyset] &\rightarrow \\ &(c_1^2 (4 m d^2 + 2 c_1 Q_2 + c_3 Q_2)) / \\ &\quad (12 (4 m d^2 + Q_2)) \\ I[i, \Sigma p, \Sigma sp, \eta] &\rightarrow \\ &(c_1^3 (4 m d^2 + 2 c_1 Q_2 + c_3 Q_2)) / \\ &\quad (4 (4 m d^2 + Q_2)) \\ I[i, \Sigma p, \Sigma \emptyset, km] &\rightarrow \\ &((c_1 + 2 c_3) c_1^2 Q_2) / (6 (4 m d^2 + Q_2)) \end{aligned}$	$\begin{aligned} I[i, pr, \Delta \emptyset, \eta m] &\rightarrow \\ &((c_1 + 2 c_2) c_1^2 Q_2) / (6 (4 m d^2 + Q_2)) \\ I[i, pr, \Delta p, \eta \emptyset] &\rightarrow \\ &(c_1^2 (4 m d^2 + 2 c_1 Q_2 + c_2 Q_2)) / \\ &\quad (3 (4 m d^2 + Q_2)) \\ I[i, pr, \Delta pp, \eta p] &\rightarrow \\ &(c_1^2 (8 m d^2 + 3 c_1 Q_2)) / \\ &\quad (2 (4 m d^2 + Q_2)) \\ I[i, pr, \Sigma \emptyset, km] &\rightarrow \\ &((c_1 + c_2 + c_3) c_1^2 Q_2) / \\ &\quad (12 (4 m d^2 + Q_2)) \\ I[i, pr, \Sigma sp, k \emptyset] &\rightarrow \\ &(c_1^2 (4 m d^2 + 2 c_1 Q_2 + c_3 Q_2)) / \\ &\quad (6 (4 m d^2 + Q_2)) \end{aligned}$
8j	$\begin{aligned} I[j, \Sigma p, \Delta p, k \emptyset] &\rightarrow \\ &(2 (-1 + 2 c_1 + c_2) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, \Sigma p, \Delta pp, kp] &\rightarrow \\ &(2 (-2 + 3 c_1) c_1^2 m d^2) / \\ &\quad ((-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow \\ &((c_1 + c_2 + c_3) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, \Sigma p, \Sigma sp, \eta \emptyset] &\rightarrow \\ &((c_1 + 2 c_1 + c_3) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, \Sigma p, \Sigma sp, \eta] &\rightarrow \\ &((-1 + c_1) (4 m d^2 + Q_2)) / \\ &\quad ((-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, \Sigma p, \Sigma \emptyset, km] &\rightarrow \\ &(2 (c_1 + 2 c_3) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \end{aligned}$	$\begin{aligned} I[j, pr, \Delta \emptyset, \eta m] &\rightarrow \\ &(2 (c_1 + 2 c_2) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, pr, \Delta p, \eta \emptyset] &\rightarrow \\ &(4 (-1 + 2 c_1 + c_2) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, pr, \Delta pp, \eta p] &\rightarrow \\ &(2 (-2 + 3 c_1) c_1^2 m d^2) / \\ &\quad ((-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, pr, \Sigma \emptyset, km] &\rightarrow \\ &((c_1 + c_2 + c_3) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \\ I[j, pr, \Sigma sp, k \emptyset] &\rightarrow \\ &(2 (-3 + 2 c_1 + c_3) c_1^2 m d^2) / \\ &\quad (3 (-1 + c_1) (4 m d^2 + Q_2)) \end{aligned}$
9kl	$\begin{aligned} I[kl, \Sigma p, \Delta p, pr, k \emptyset] &\rightarrow \\ &((c_1 - c_2) c_1 (d_1 - f_1) m d) / (c_1 m o) \\ I[kl, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow \\ &((c_1 + c_2 - 2 c_3) c_1 f_1 m d) / (2 c_1 m o) \\ I[kl, \Sigma p, \Sigma \emptyset, \wedge, \eta m] &\rightarrow \\ &((c_1 - c_2) c_1 d_1 m d) / (2 c_1 m o) \\ I[kl, \Sigma p, \Sigma sp, \eta \emptyset] &\rightarrow \\ &((c_1 - c_3) c_1 f_1 m d) / (c_1 m o) \\ I[kl, \Sigma p, \Sigma sp, \eta] &\rightarrow \\ &((c_1 - c_3) c_1 d_1 m d) / (c_1 m o) \\ I[kl, \Sigma p, \Sigma \emptyset, \Sigma \emptyset, km] &\rightarrow \\ &((c_1 - c_3) c_1 (d_1 + f_1) m d) / (c_1 m o) \end{aligned}$	$\begin{aligned} I[kl, pr, \Delta \emptyset, ne, \eta m] &\rightarrow \\ &((c_1 - 2) c_1 (d_1 + f_1) m d) / (c_1 m o) \\ I[kl, pr, \Delta p, pr, \eta \emptyset] &\rightarrow \\ &((c_1 - c_2) c_1 (d_1 + f_1) m d) / (c_1 m o) \\ I[kl, pr, \Sigma \emptyset, \Sigma \emptyset, km] &\rightarrow \\ &((c_1 + c_2 - 2 c_3) c_1 (d_1 - f_1) m d) / \\ &\quad (4 c_1 m o) \\ I[kl, pr, \Sigma \emptyset, \wedge, km] &\rightarrow \\ &((c_1 - c_2) c_1 (d_1 + 3 f_1) m d) / \\ &\quad (4 c_1 m o) \\ I[kl, pr, \Sigma sp, \Sigma p, k \emptyset] &\rightarrow \\ &((c_1 - c_3) c_1 (d_1 - f_1) m d) / (c_1 m o) \end{aligned}$
10mn	$\begin{aligned} I[mn, \Sigma p, \Delta pp, kp] &\rightarrow c_1^3 \\ I[mn, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow -\frac{c_1^3}{6} \\ I[mn, \Sigma p, \Sigma \emptyset, km] &\rightarrow -\frac{c_1^3}{3} \end{aligned}$	$\begin{aligned} I[mn, pr, \Delta \emptyset, \eta m] &\rightarrow -\frac{c_1^3}{6} \\ I[mn, pr, \Delta pp, \eta p] &\rightarrow c_1^3 \\ I[mn, pr, \Sigma \emptyset, km] &\rightarrow -\frac{c_1^3}{6} \end{aligned}$
11op	$\begin{aligned} I[op, \Sigma p, \Delta pp, kp] &\rightarrow c_1^3 \\ I[op, \Sigma p, \Sigma \emptyset, \eta m] &\rightarrow -\frac{c_1^3}{6} \\ I[op, \Sigma p, \Sigma \emptyset, km] &\rightarrow -\frac{c_1^3}{3} \end{aligned}$	$\begin{aligned} I[op, pr, \Delta \emptyset, \eta m] &\rightarrow -\frac{c_1^3}{6} \\ I[op, pr, \Delta pp, \eta p] &\rightarrow c_1^3 \\ I[op, pr, \Sigma \emptyset, km] &\rightarrow -\frac{c_1^3}{6} \end{aligned}$

Figure 1: asd.