

embedding 1 [1, -1, -1, -2] with multiplicity 1

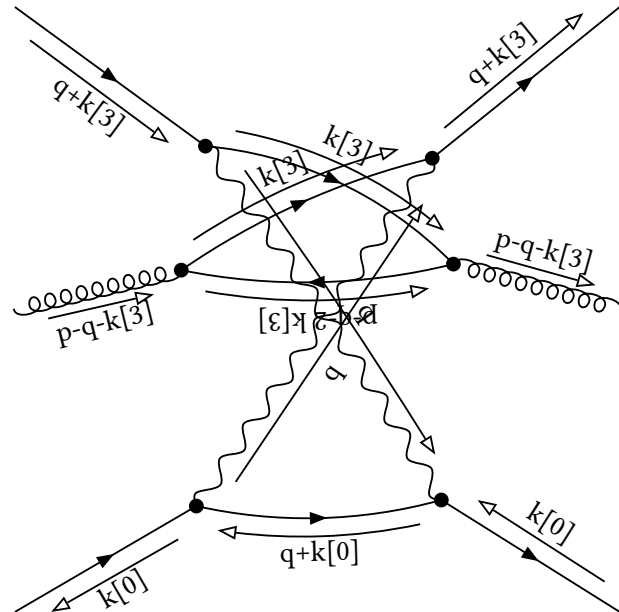
initial

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-q-k[3]]^{-1} \text{prop}[0, p-q-2 k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/2 (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-q-k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-q-2 k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-q-k[3]]^{-1} \text{prop}[0, p-q-2 k[3]]^{-1} \\ & - 1/2 (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-q-k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-q-2 k[3]]^{-1} \end{aligned}$$

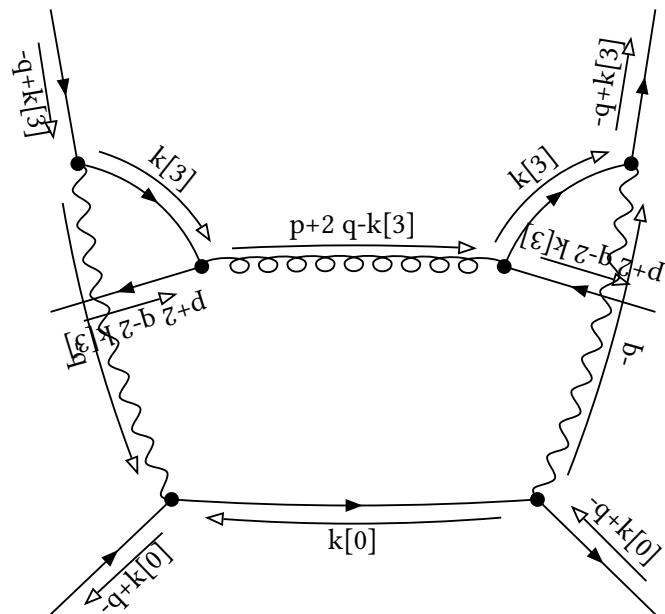


0:0,2:1,=1 0:0,5:0,7:0,17:-1,=-1 8:0,11:-1,=-1 11:
-1,13:0,15:0,17:-1,=-2

final

Denominator:

$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,p+2 \ q-k[3]]^{-1} \text{prop}[0,p+2 \ q-2 \ k[3]]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 \quad 0:1,5:0,7:0,17:-2,=-1 \quad 8:-1,11:0,=-1 \\ 11:0,13:0,15:0,17:-2,=-2 \end{aligned}$$

embedding 2 [1, -1, -1, -1] with multiplicity 1

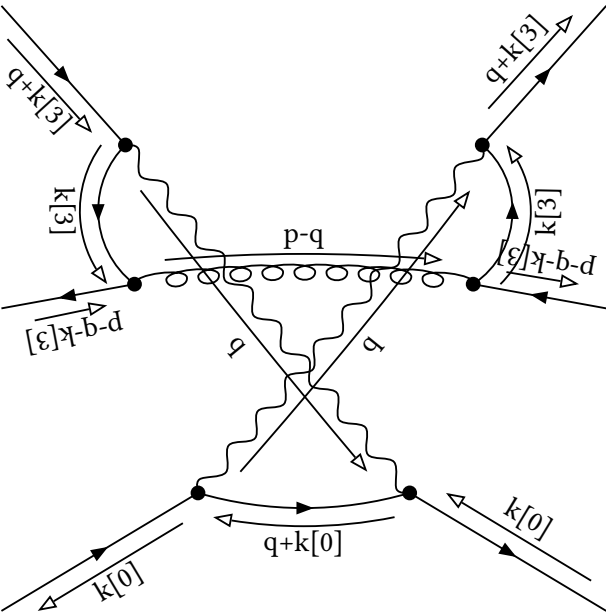
initial

Denominator:

$\text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,p-q]^{-1} \text{prop}[0,p-q-k[3]]^{-1}$

Partial Fractioned Denominator:

$(\text{dot}[p,p]-2 \text{dot}[p,q]+\text{dot}[q,q])^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,p-q-k[3]]^{-1}$



0:0,2:1,=1 0:0,5:0,7:0,17:-1,=-1 8:-1,11:0,=-1
11:0,13:0,15:0,17:-1,=-1

final

Denominator:

0

embedding 3 [1, -1, 0, -1] with multiplicity 1

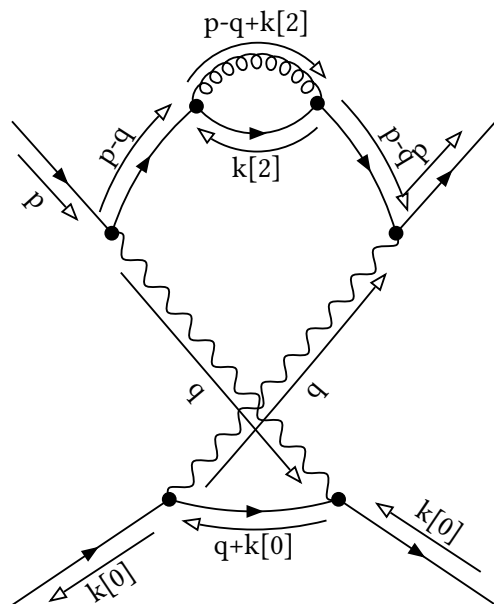
initial

Denominator:

$$\text{prop}[0,p]^{-1} \text{prop}[0,k[2]]^{-1} \text{prop}[0,p-q]^{-2} \text{prop}[0,p-q+k[2]]^{-1}$$

Partial Fractioned Denominator:

$$(\text{dot}[p,p]-2 \text{dot}[p,q]+\text{dot}[q,q])^{-2} \text{prop}[0,k[2]]^{-1} \text{prop}[0,p-q+k[2]]^{-1} \text{dot}[p,p]^{-1}$$



0:0,2:1,=1 0:0,5:0,7:0,17:-1,=-1 8:0,11:0,=0
11:0,13:0,15:0,17:-1,=-1

final

Denominator:

0

embedding 4 [1, -1, 1, -1] with multiplicity 1

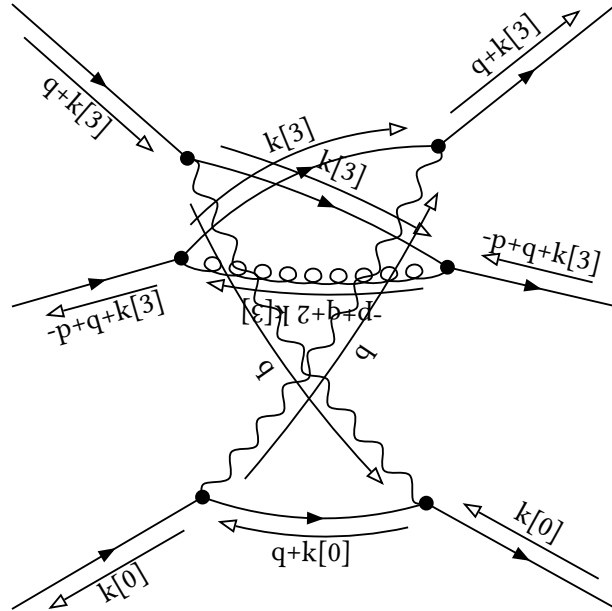
initial

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+q+k[3]]^{-1} \text{prop}[0, -p+q+2 k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/2 (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+q+k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+q+2 k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+q+k[3]]^{-1} \text{prop}[0, -p+q+2 k[3]]^{-1} \\ & - 1/2 (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+q+k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] - \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+q+2 k[3]]^{-1} \end{aligned}$$



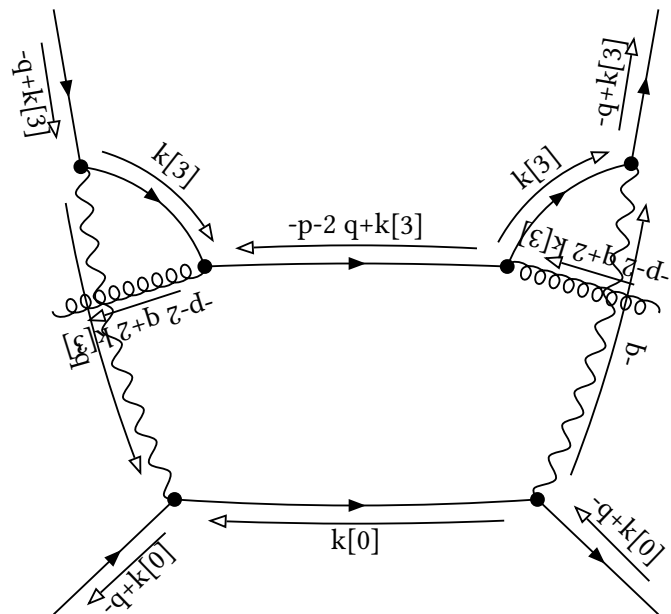
$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:-1,=-1 \quad 8:1,11:0,=1$$

$$11:0,13:0,15:0,17:-1,=-1$$

final

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -q+k[3]]^{-1} \text{prop}[0, -p-2 \ q+k[3]]^{-1} \text{prop}[0, -p-2 \ q+2 \ k[3]]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 \quad 0:1,5:0,7:0,17:-2,=-1 \quad 8:0,11:1,=1 \\ 11:1,13:0,15:0,17:-2,=-1 \end{aligned}$$

embedding 5 [1, -1, 1, 0] with multiplicity 1

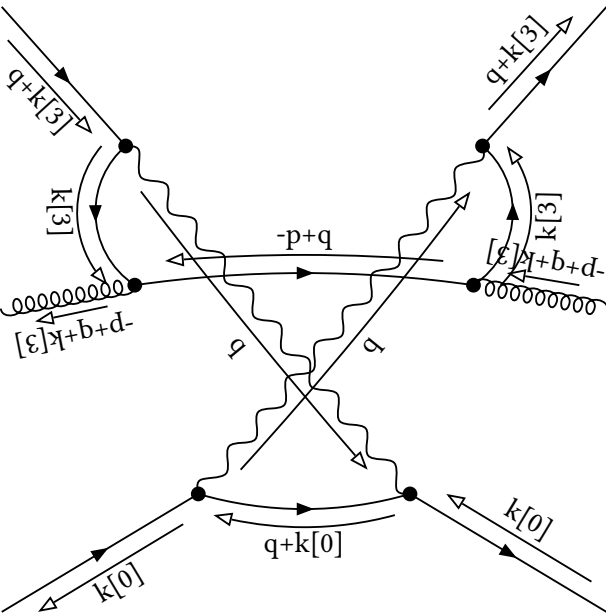
initial

Denominator:

$\text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,-p+q]^{-1} \text{prop}[0,-p+q+k[3]]^{-1}$

Partial Fractioned Denominator:

$(\text{dot}[p,p]-2 \text{dot}[p,q]+\text{dot}[q,q])^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,-p+q+k[3]]^{-1}$



0:0,2:1,=1 0:0,5:0,7:0,17:-1,=-1 8:0,11:1,=1
11:1,13:0,15:0,17:-1,=0

final

Denominator:

0

embedding 6 [1, 0, -2, -1] with multiplicity 1

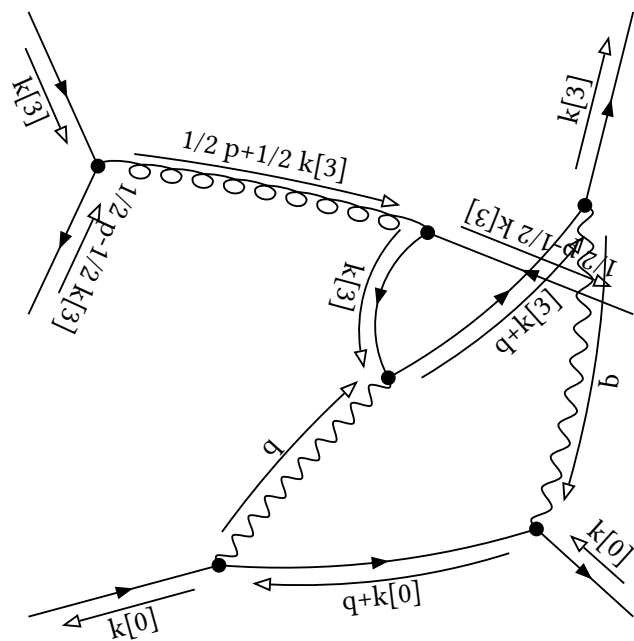
initial

Denominator:

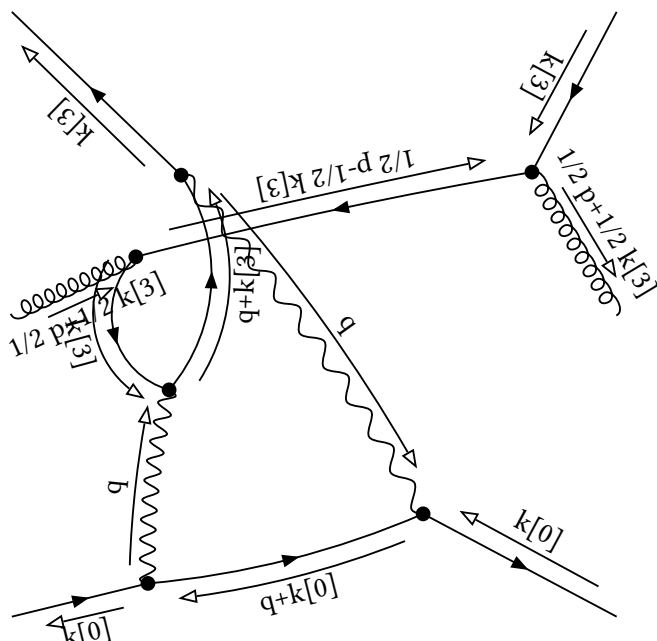
$$1/16 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 k[3]]^{-1} \text{ prop}[0, 1/2 p-1/2 k[3]]^{-1}$$

Partial Fractioned Denominator:

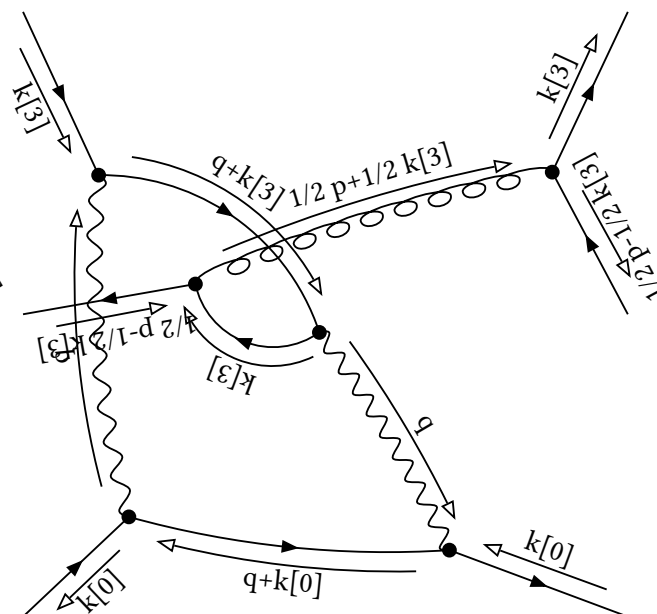
$$\begin{aligned} &1/8 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 k[3]]^{-1} \text{ dot}[p, p]^{-1} \\ &+1/8 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p-1/2 k[3]]^{-1} \text{ dot}[p, p]^{-1} \\ &-1/8 \text{ prop}[0, k[3]]^{-1} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 k[3]]^{-1} \text{ dot}[p, p]^{-2} \\ &-1/8 \text{ prop}[0, k[3]]^{-1} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p-1/2 k[3]]^{-1} \text{ dot}[p, p]^{-2} \\ &+1/16 \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 k[3]]^{-1} \text{ prop}[0, 1/2 p-1/2 k[3]]^{-1} \text{ dot}[p, p]^{-2} \end{aligned}$$



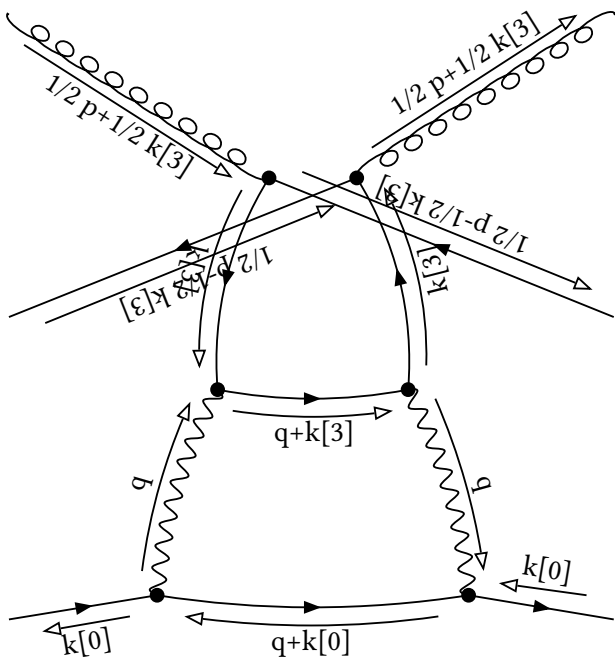
$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:-2,11:0,=-2 \ 11:0,13:-1,15:0,17:0,=-1$$



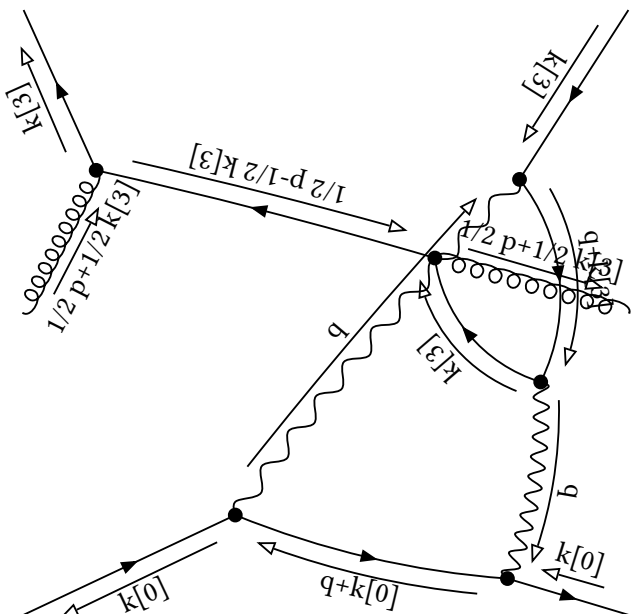
$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:0,11:-2,=-2 \ 11:-2,13:1,15:0,17:0,=-1$$



$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:-2,11:0,=-2 \ 11:0,13:0,15:-1,17:0,=-1$$



$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:-1,11:-1,=-2 \ 11:-1,13:0,15:0,17:0,=-1$$

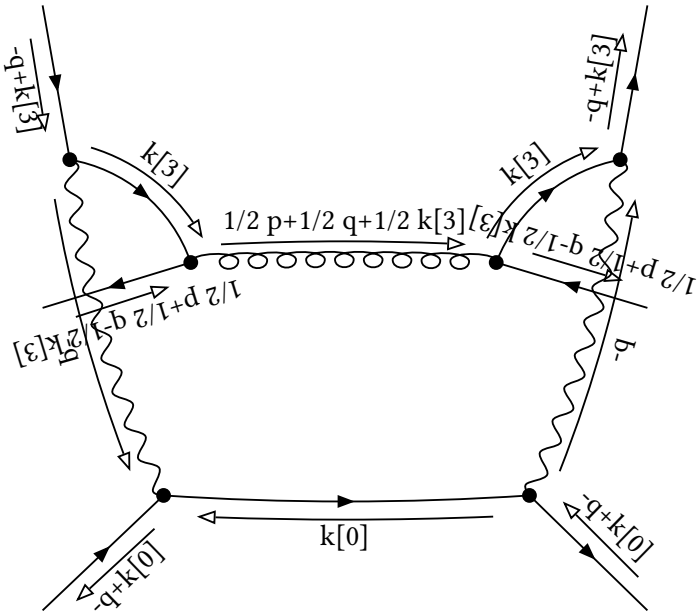


$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:0,11:-2,=-2 \ 11:-2,13:0,15:1,17:0,=-1$$

final

Denominator:

$1/16 \text{ prop}[0,k[3]]^{-2} \text{ prop}[0,-q+k[3]]^{-1} \text{ prop}[0,1/2 \text{ p}+1/2 \text{ q}+1/2 \text{ k}[3]]^{-1} \text{ prop}[0,1/2 \text{ p}+1/2 \text{ q}-1/2 \text{ k}[3]]^{-1}$



$0:1,2:0,=1 \ 0:1,5:0,7:0,17:-1,=0 \ 8:-2,11:0,=-2$
 $11:0,13:0,15:0,17:-1,=-1$

embedding 7 [1, 0, -1, -2] with multiplicity 1

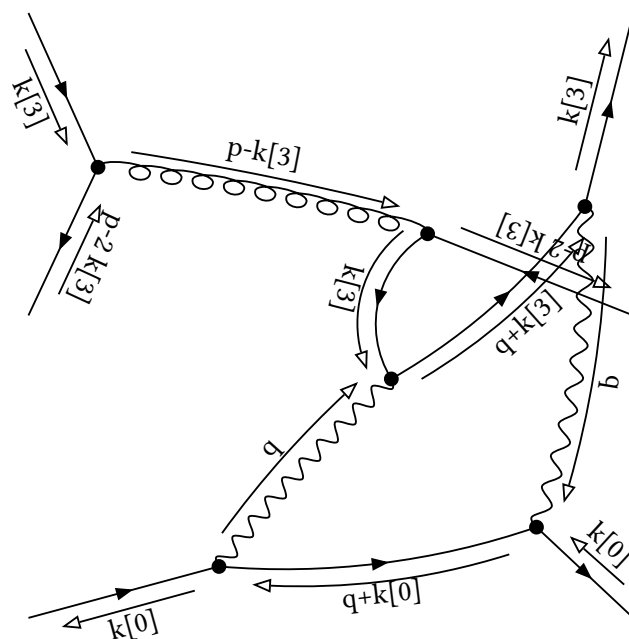
initial

Denominator:

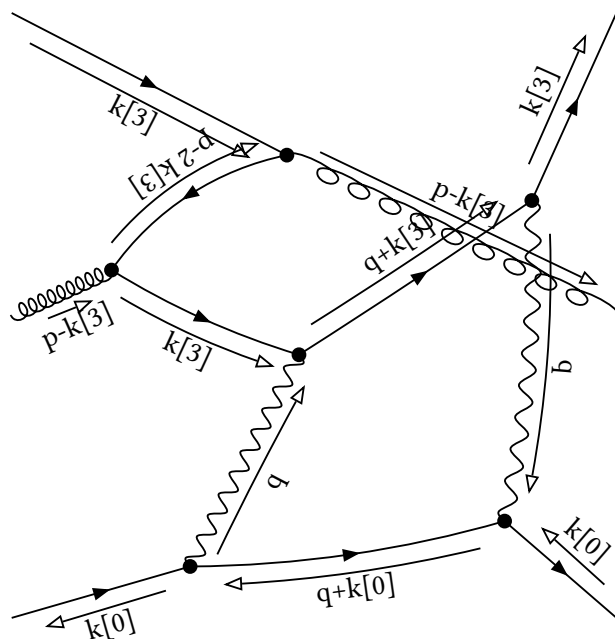
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-k[3]]^{-1} \text{prop}[0, p-2 k[3]]^{-1}$$

Partial Fractioned Denominator:

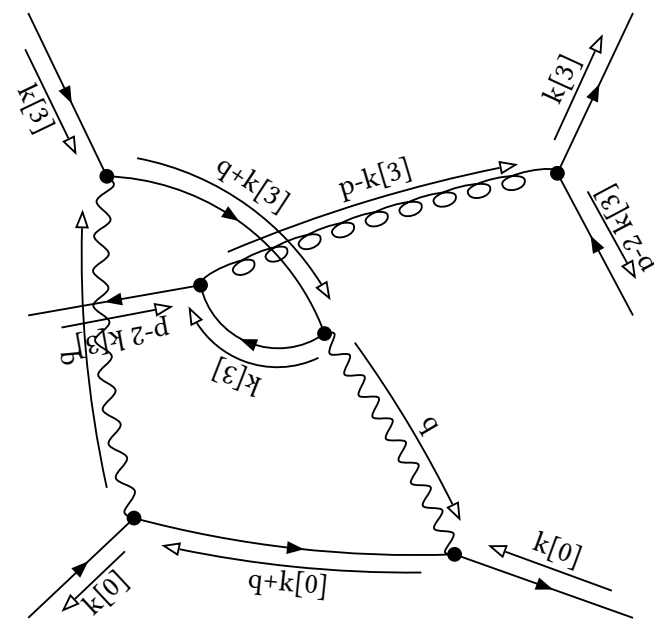
$$\begin{aligned} & -\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & +2 \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-2 k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & -2 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-2 k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p-k[3]]^{-1} \text{prop}[0, p-2 k[3]]^{-1} \text{dot}[p, p]^{-2} \end{aligned}$$



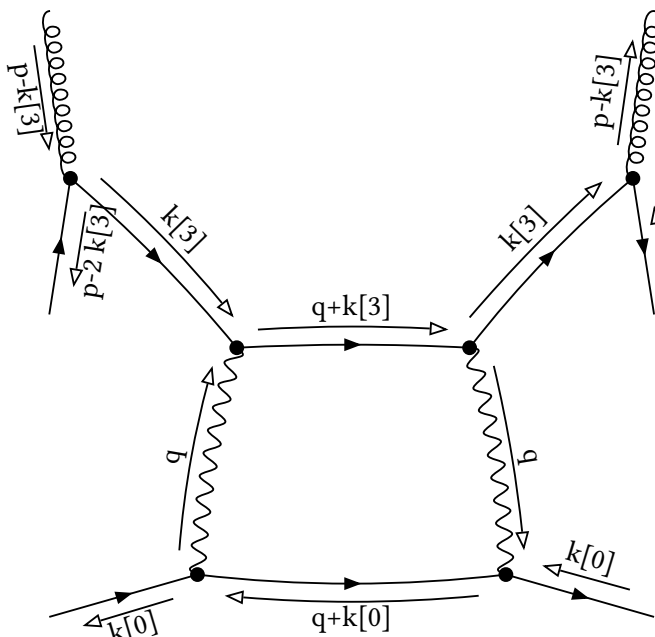
$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:0,=-1 \quad 11:0,13: \\ & -2,15:0,17:0,=-2 \end{aligned}$$



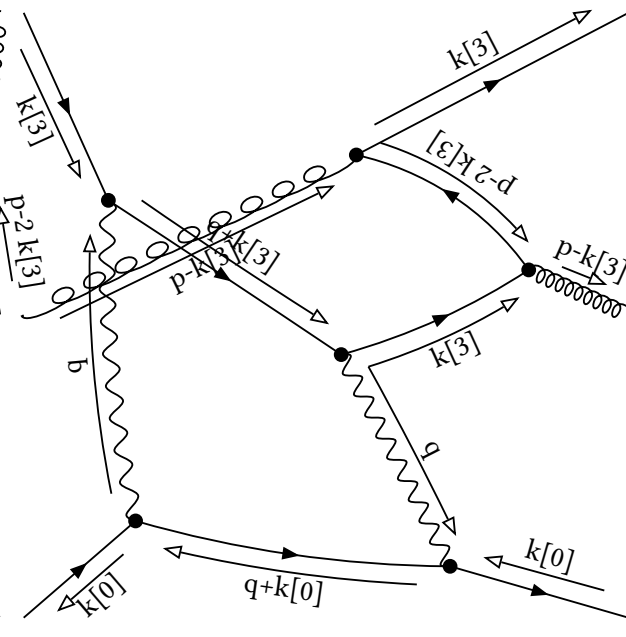
$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:-1,=-1 \quad 11:-1,13: \\ & -1,15:0,17:0,=-2 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:0,=-1 \\ & 11:0,13:0,15:-2,17:0,=-2 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:-2,=-1 \quad 11: \\ & -2,13:0,15:0,17:0,=-2 \end{aligned}$$

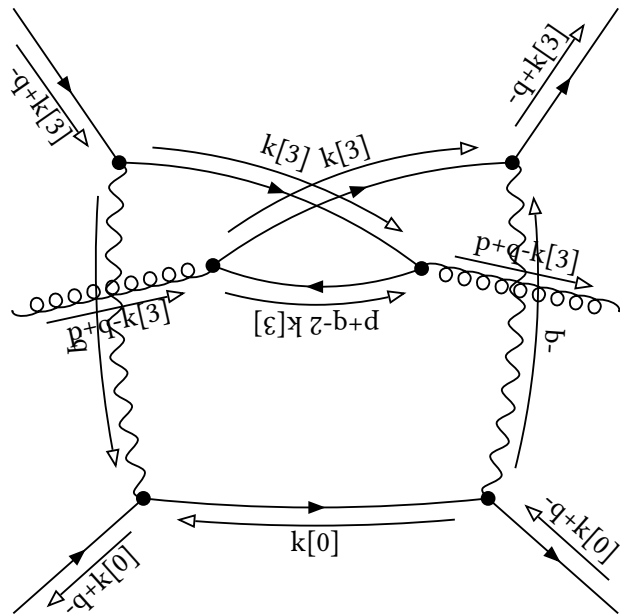


$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:-1,=-1 \quad 11: \\ & -1,13:0,15:-1,17:0,=-2 \end{aligned}$$

final

Denominator:

$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,p+q-k[3]]^{-1} \text{prop}[0,p+q-2k[3]]^{-1}$$



$$\begin{aligned} &0:1,2:0,=1 \quad 0:1,5:0,7:0,17:-1,=0 \quad 8:0,11:-1,=-1 \quad 11: \\ &-1,13:0,15:0,17:-1,=-2 \end{aligned}$$

embedding 8 [1, 0, -1, -1] with multiplicity 1

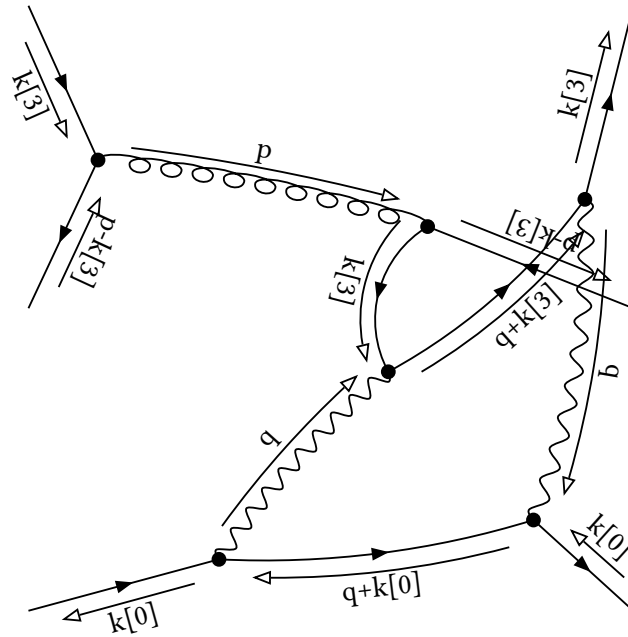
initial

Denominator:

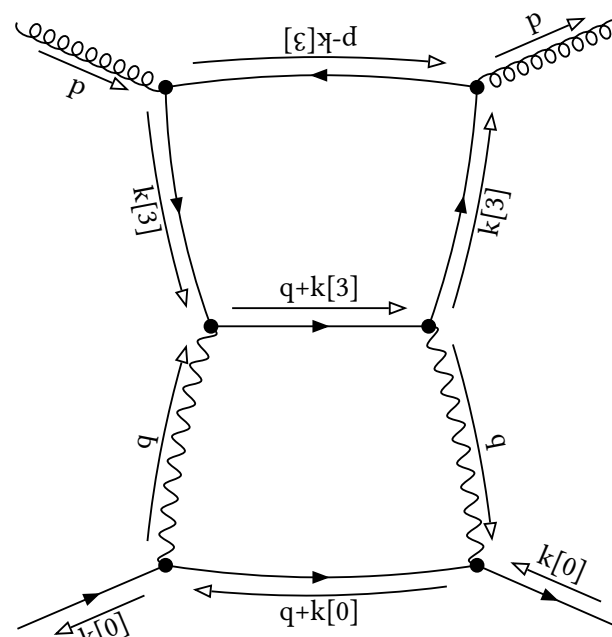
$$\text{prop}[0,p]^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,p-k[3]]^{-1}$$

Partial Fractioned Denominator:

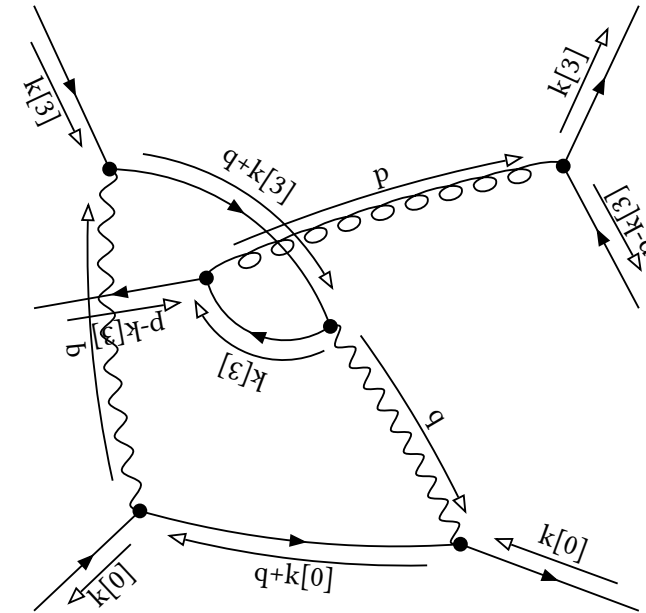
$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,p-k[3]]^{-1} \text{dot}[p,p]^{-1}$$



$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:-1,11:0,=-1 \ 11:0,13:-1,15:0,17:0,=-1$$



$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:0,11:-1,=-1 \ 11:-1,13:0,15:0,17:0,=-1$$

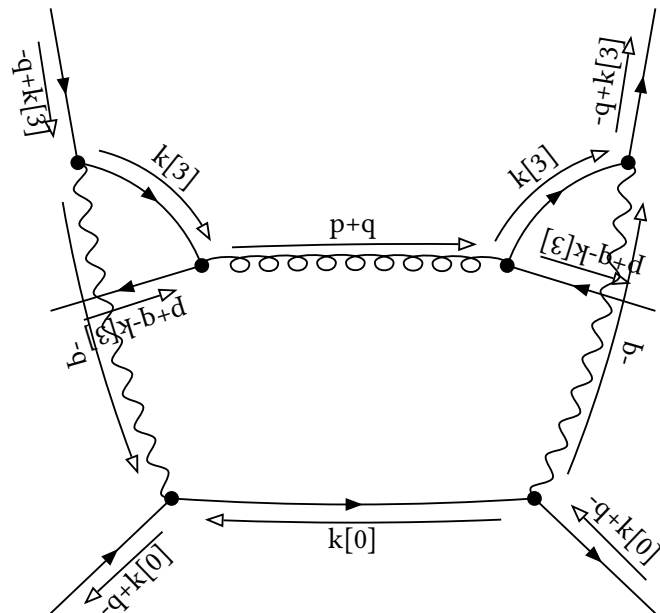


$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:-1,11:0,=-1 \ 11:0,13:0,15:-1,17:0,=-1$$

final

Denominator:

$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,p+q]^{-1} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,p+q-k[3]]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 \quad 0:1,5:0,7:0,17:-1,=0 \quad 8:-1,11:0,=-1 \\ 11:0,13:0,15:0,17:-1,=-1 \end{aligned}$$

embedding 9 [1, 0, -1, 0] with multiplicity 1

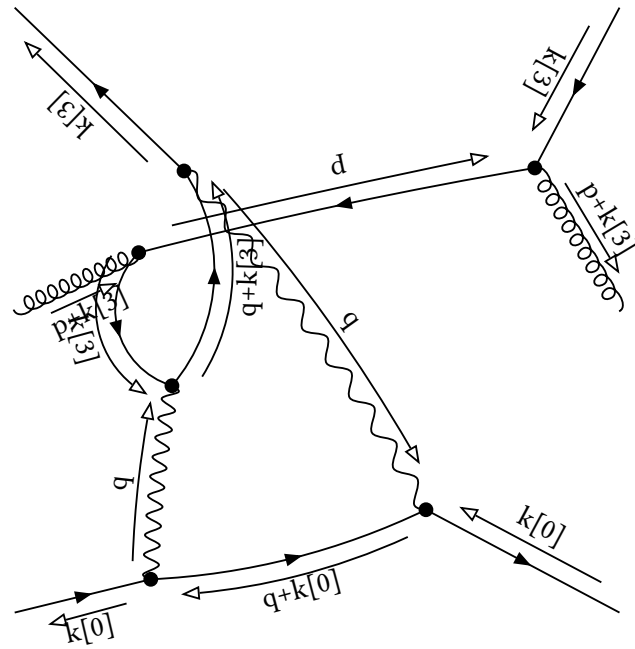
initial

Denominator:

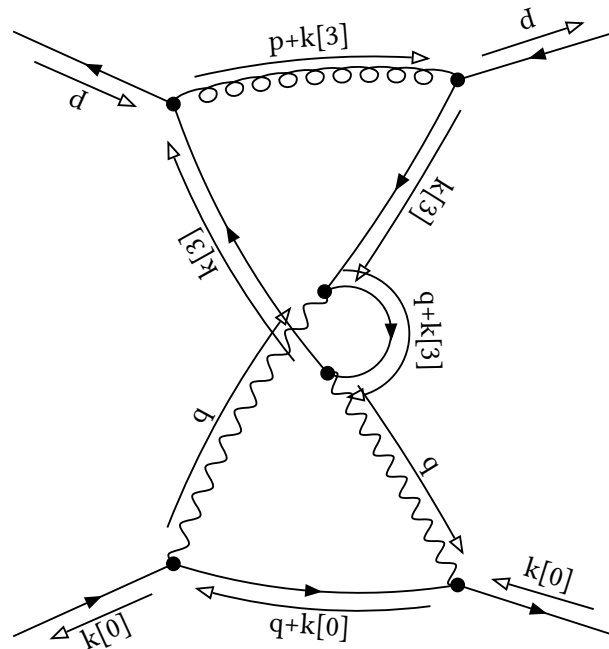
$$\text{prop}[0,p]^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,p+k[3]]^{-1} \text{prop}[0,q+k[3]]^{-1}$$

Partial Fractioned Denominator:

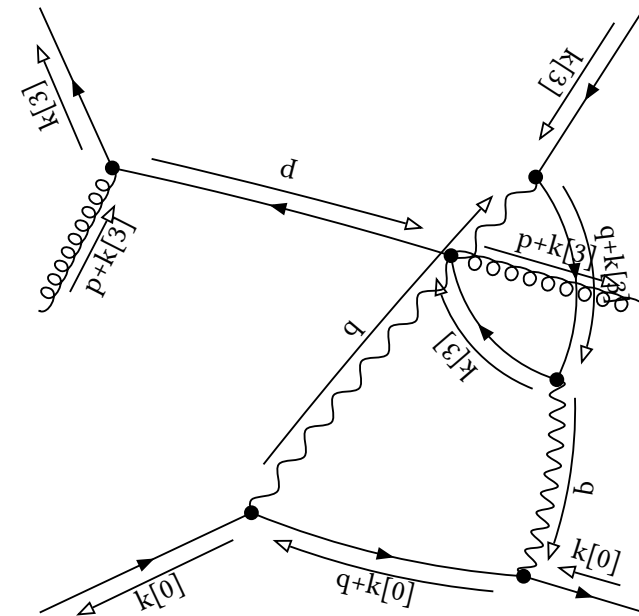
$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,p+k[3]]^{-1} \text{prop}[0,q+k[3]]^{-1} \text{dot}[p,p]^{-1}$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:-1,=-1 \quad 11:-1,13:1,15:0,17:0,=0$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:0,=-1 \quad 11:0,13:0,15:0,17:0,=0$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:-1,=-1 \quad 11:-1,13:0,15:1,17:0,=0$$

final

Denominator:

0

embedding 10 [1, 0, -1, 1] with multiplicity 1

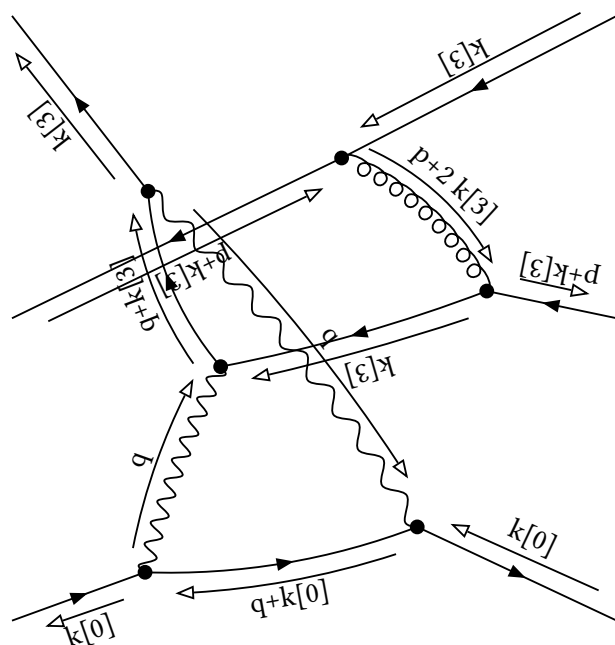
initial

Denominator:

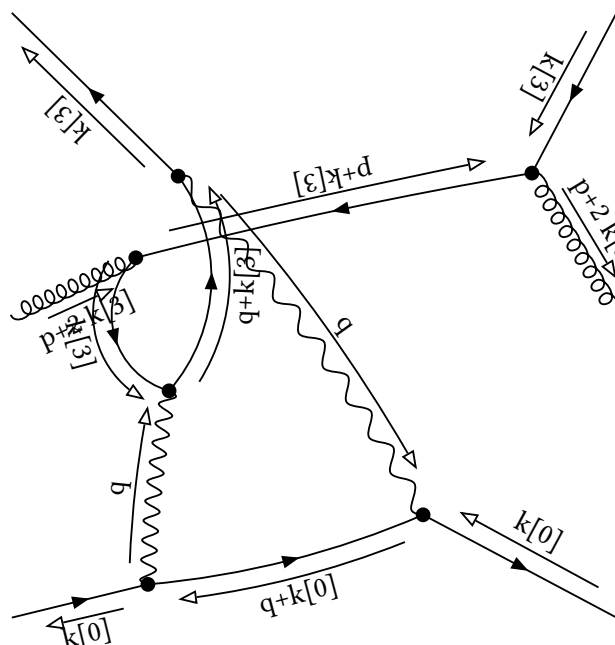
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, p+k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 k[3]]^{-1}$$

Partial Fractioned Denominator:

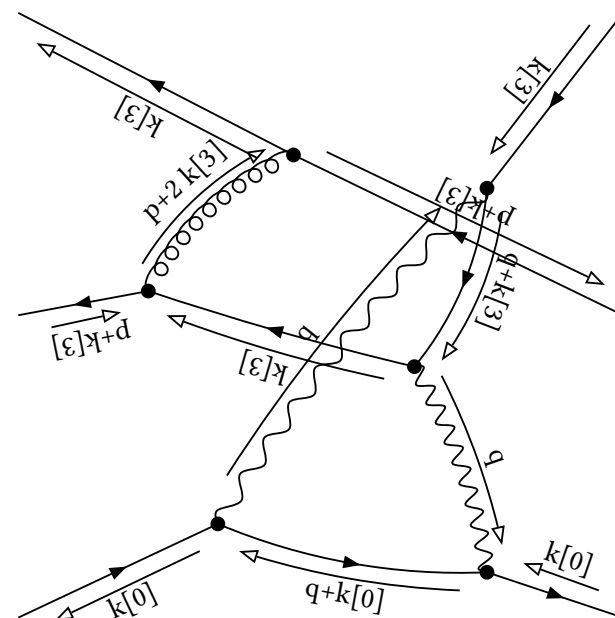
$$\begin{aligned} & -\text{prop}[0, k[3]]^{-2} \text{prop}[0, p+k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & +2 \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & -2 \text{prop}[0, k[3]]^{-1} \text{prop}[0, p+k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, p+k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 k[3]]^{-1} \text{dot}[p, p]^{-2} \end{aligned}$$



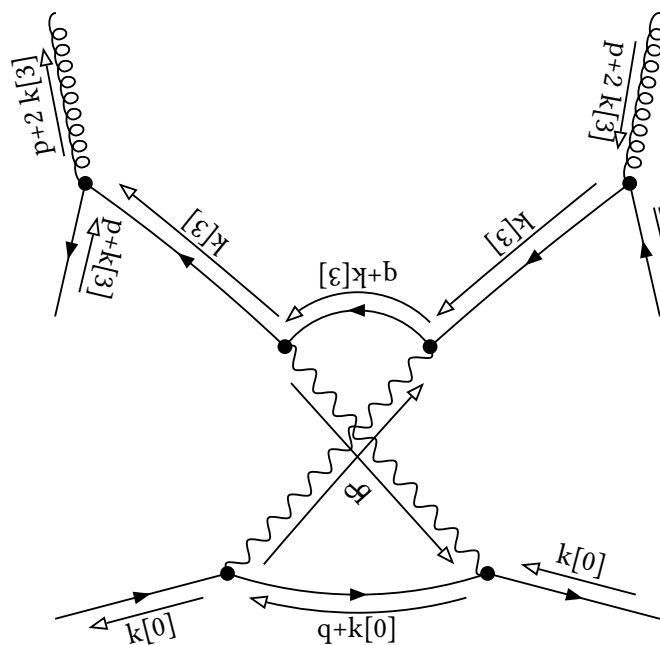
$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:0,=-1 \\ & 11:0,13:1,15:0,17:0,=1 \end{aligned}$$



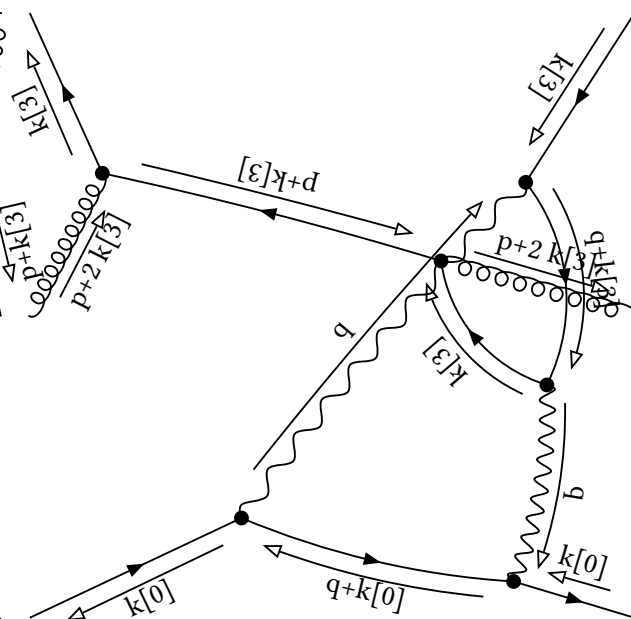
$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:-1,=-1 \quad 11: \\ & -1,13:2,15:0,17:0,=1 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:0,=-1 \\ & 11:0,13:0,15:1,17:0,=1 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-2,11:1,=-1 \\ & 11:1,13:0,15:0,17:0,=1 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:-1,=-1 \quad 11: \\ & -1,13:0,15:2,17:0,=1 \end{aligned}$$

final

Denominator:

0

embedding 11 [1, 0, 0, -1] with multiplicity 1

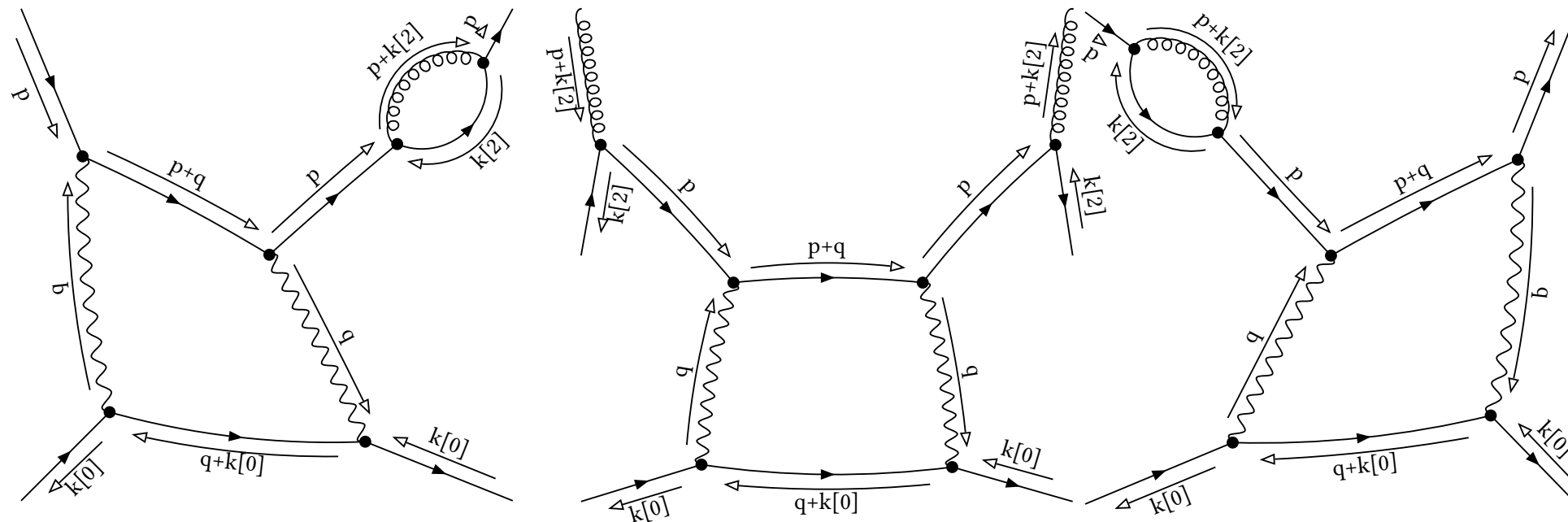
initial

Denominator:

$$\text{prop}[0,p]^{-2} \text{prop}[0,k[2]]^{-1} \text{prop}[0,p+q]^{-1} \text{prop}[0,p+k[2]]^{-1}$$

Partial Fractioned Denominator:

$$(\text{dot}[p,p]+2 \text{dot}[p,q]+\text{dot}[q,q])^{-1} \text{prop}[0,k[2]]^{-1} \text{prop}[0,p+k[2]]^{-1} \text{dot}[p,p]^{-2}$$



$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:0,11:0,=0 \\ 11:0,13:0,15:-1,17:0,=-1$$

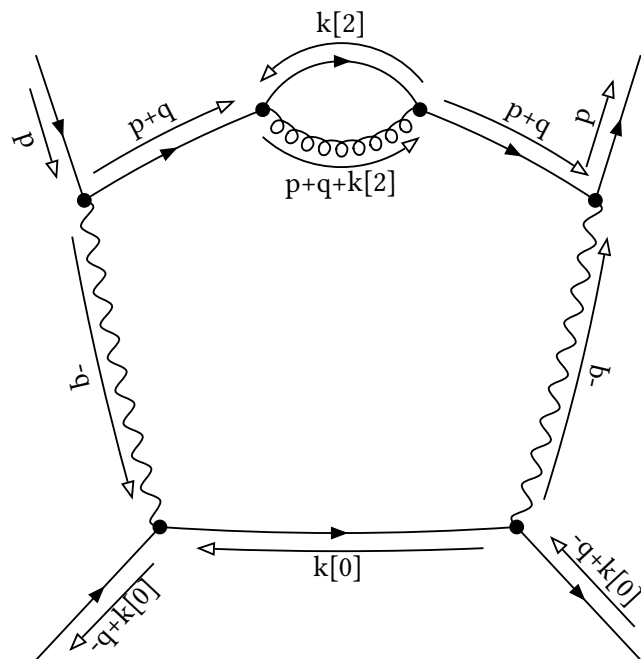
$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:1,11:-1,=0 \ 11: \\ -1,13:0,15:0,17:0,=-1$$

$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:0,=0 \ 8:0,11:0,=0 \ 11:0,13: \\ -1,15:0,17:0,=-1$$

final

Denominator:

$\text{prop}[0,p]^{-1} \text{prop}[0,k[2]]^{-1} \text{prop}[0,p+q]^{-2} \text{prop}[0,p+q+k[2]]^{-1}$



0:1,2:0,=1 0:1,5:0,7:0,17:-1,=0 8:0,11:0,=0

11:0,13:0,15:0,17:-1,=-1

embedding 12 [1, 0, 0, 1] with multiplicity 1

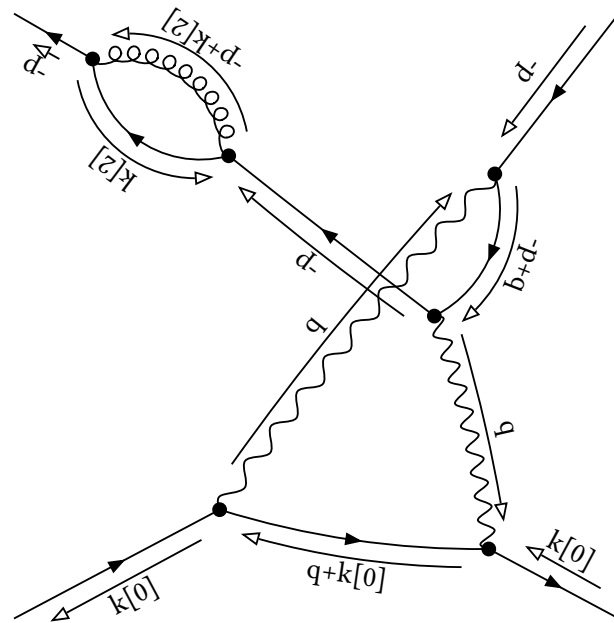
initial

Denominator:

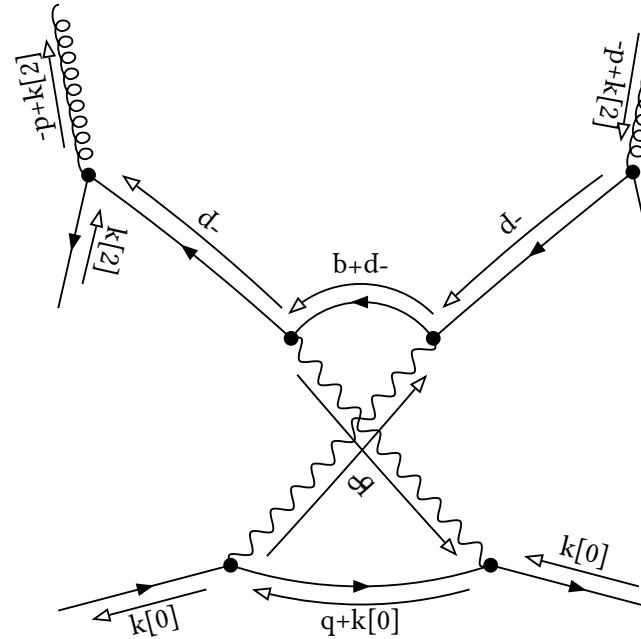
$$\text{prop}[0, k[2]]^{-1} \text{prop}[0, -p]^{-2} \text{prop}[0, -p+q]^{-1} \text{prop}[0, -p+k[2]]^{-1}$$

Partial Fractioned Denominator:

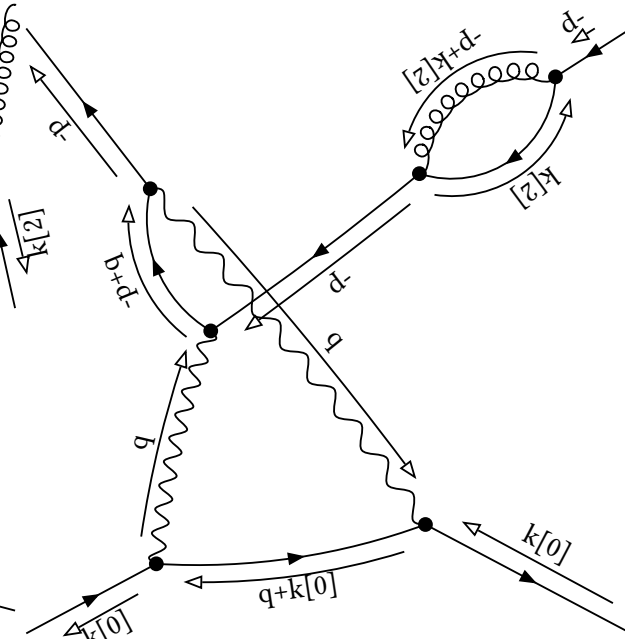
$$(\text{dot}[p, p] - 2 \text{dot}[p, q] + \text{dot}[q, q])^{-1} \text{prop}[0, k[2]]^{-1} \text{prop}[0, -p+k[2]]^{-1} \text{dot}[p, p]^{-2}$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:0,=0 \\ 11:0,13:0,15:1,17:0,=1$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:1,=0 \\ 11:1,13:0,15:0,17:0,=1$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:0,=0 \\ 11:0,13:1,15:0,17:0,=1$$

final

Denominator:

0

embedding 13 [1, 0, 1, -1] with multiplicity 1

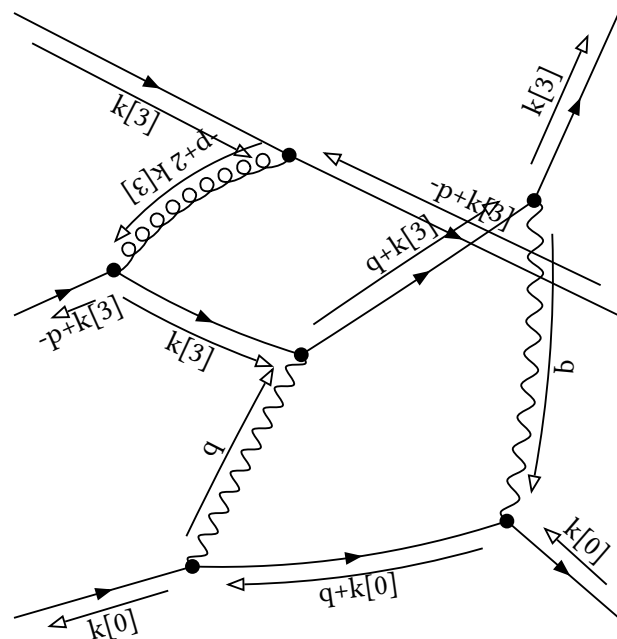
initial

Denominator:

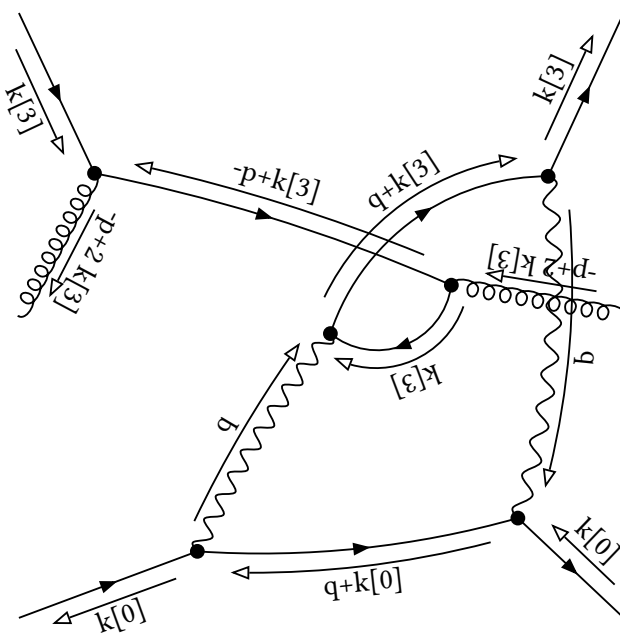
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+k[3]]^{-1} \text{prop}[0, -p+2 k[3]]^{-1}$$

Partial Fractioned Denominator:

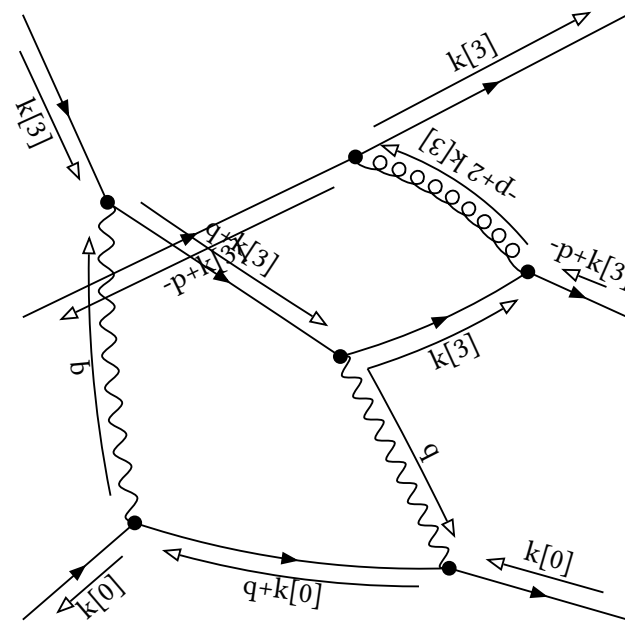
$$\begin{aligned} & -\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & +2 \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+2 k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & -2 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+2 k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+k[3]]^{-1} \text{prop}[0, -p+2 k[3]]^{-1} \text{dot}[p, p]^{-2} \end{aligned}$$



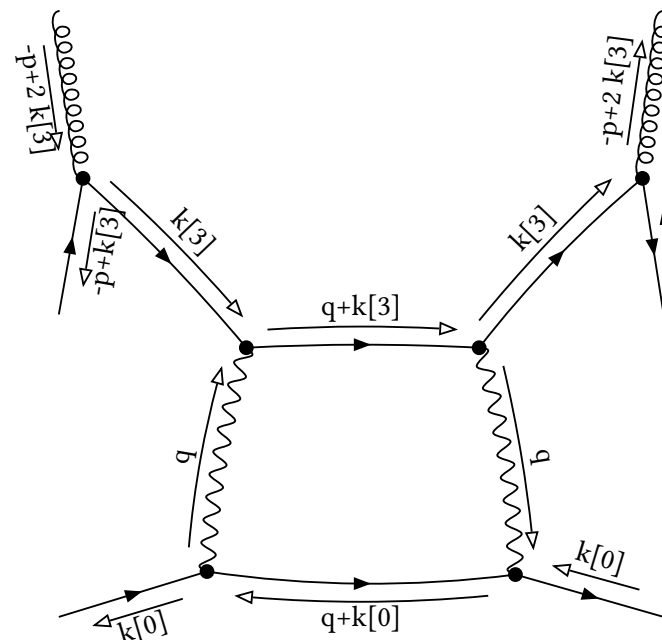
$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \quad 11:0,13: \\ & -1,15:0,17:0,=-1 \end{aligned}$$



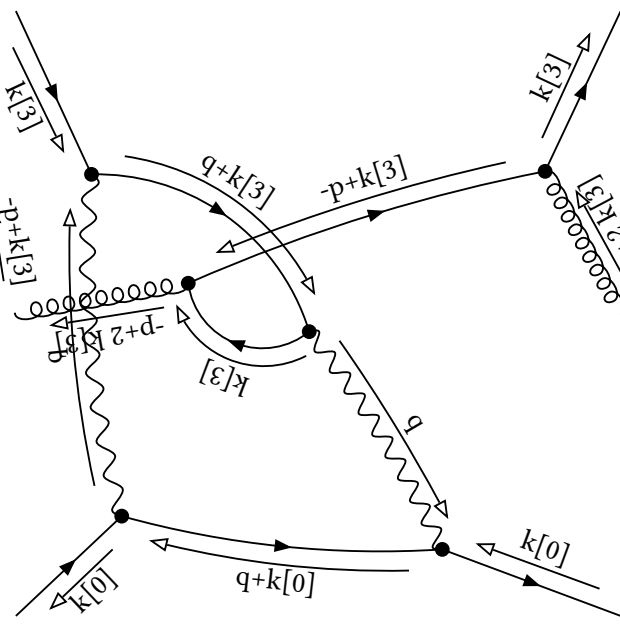
$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \quad 11:1,13: \\ & -2,15:0,17:0,=-1 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \\ & 11:0,13:0,15:-1,17:0,=-1 \end{aligned}$$



$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:2,11:-1,=1 \quad 11: \\ & -1,13:0,15:0,17:0,=-1 \end{aligned}$$

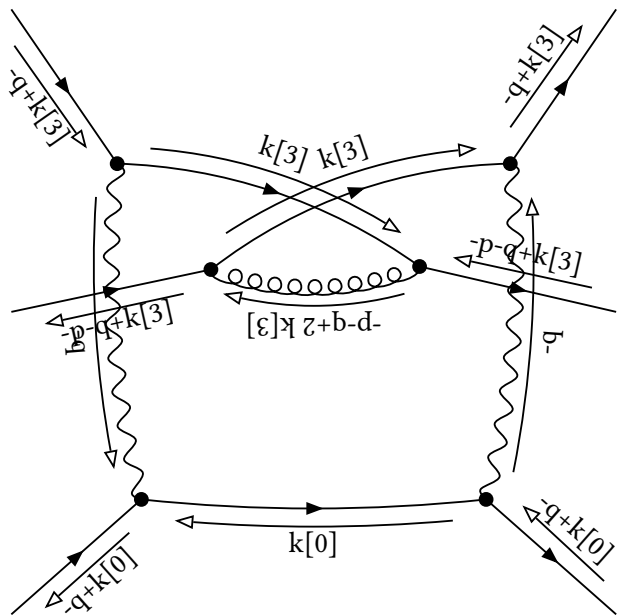


$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \\ & 11:1,13:0,15:-2,17:0,=-1 \end{aligned}$$

final

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -q+k[3]]^{-1} \text{prop}[0, -p-q+k[3]]^{-1} \text{prop}[0, -p-q+2 \ k[3]]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 \quad 0:1,5:0,7:0,17:-1,=0 \quad 8:1,11:0,=1 \\ 11:0,13:0,15:0,17:-1,=-1 \end{aligned}$$

embedding 14 [1, 0, 1, 0] with multiplicity 1

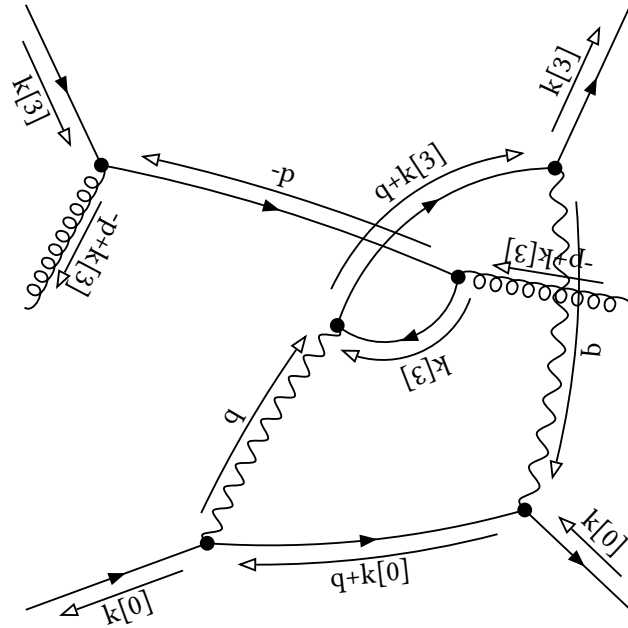
initial

Denominator:

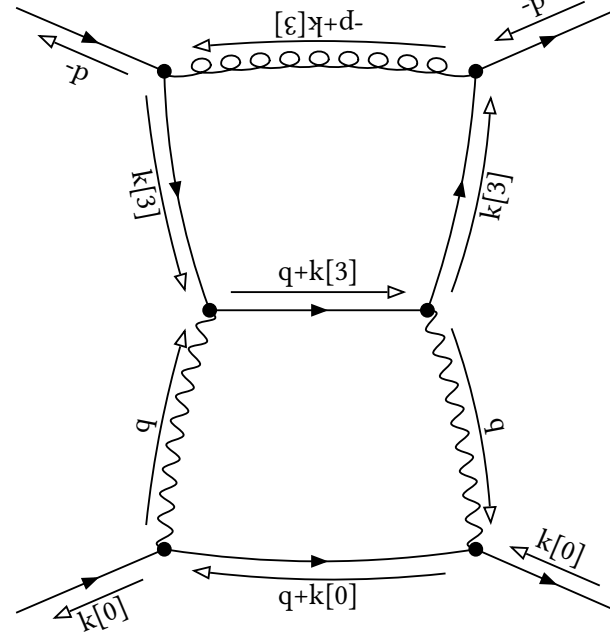
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -p]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+k[3]]^{-1}$$

Partial Fractioned Denominator:

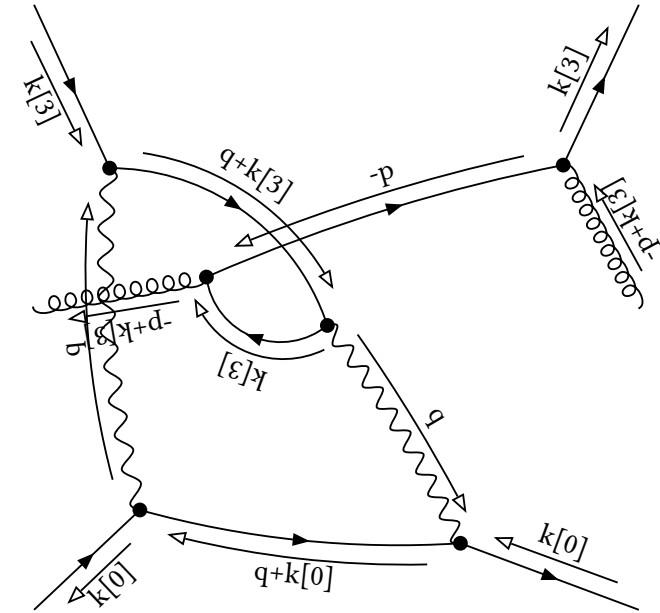
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p+k[3]]^{-1} \text{dot}[p, p]^{-1}$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \quad 11:1,13:-1,15:0,17:0,=0$$



$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \quad 11:0,13:0,15:0,17:0,=0$$

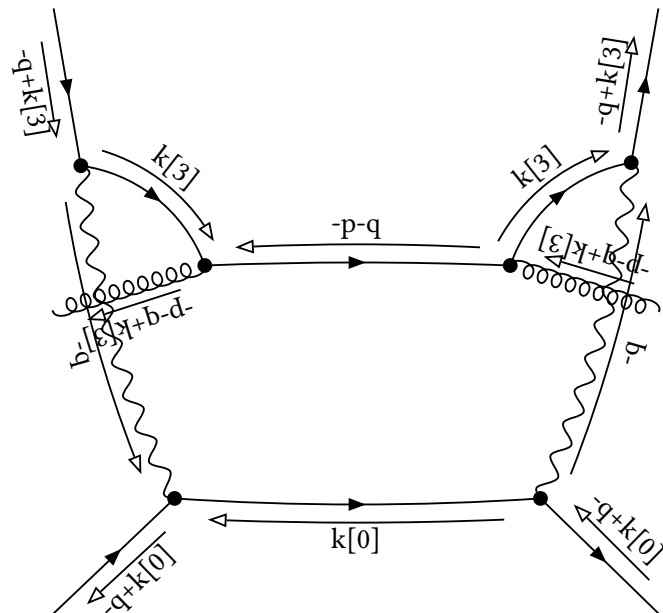


$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \quad 11:1,13:0,15:-1,17:0,=0$$

final

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -q+k[3]]^{-1} \text{prop}[0, -p-q]^{-1} \text{prop}[0, -p-q+k[3]]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:-1,=0 & 8:0,11:1,=1 \\ 11:1,13:0,15:0,17:-1,=0 & \end{aligned}$$

embedding 15 [1, 0, 1, 1] with multiplicity 1

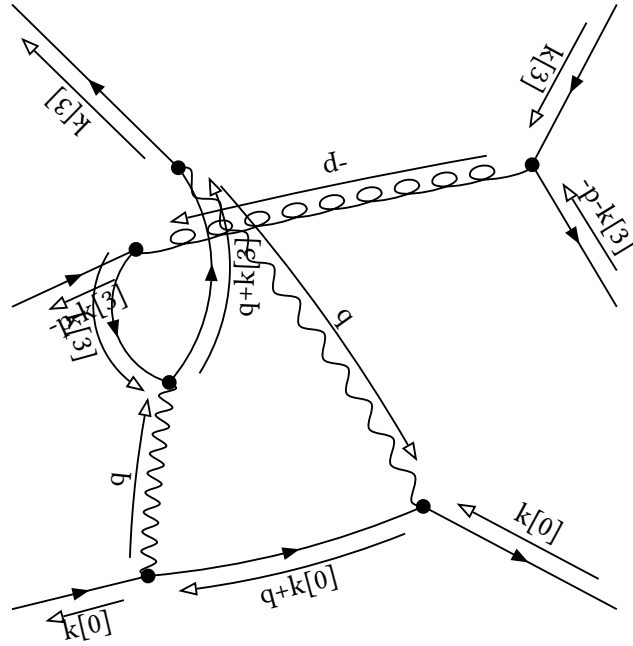
initial

Denominator:

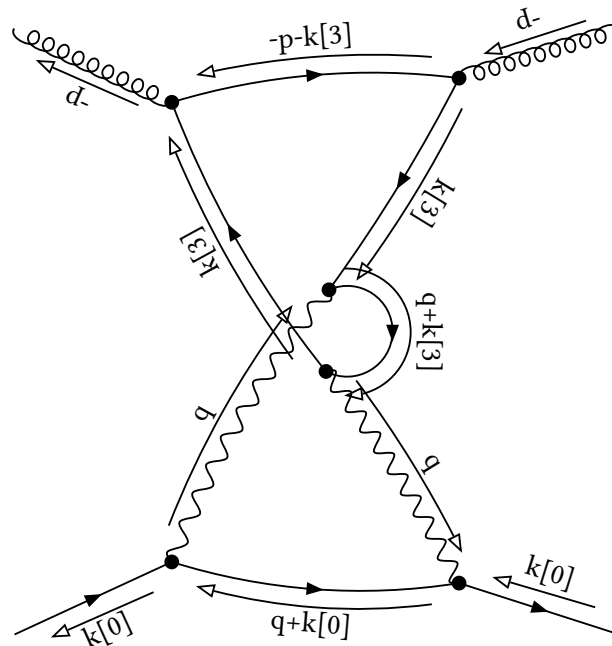
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -p]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1}$$

Partial Fractioned Denominator:

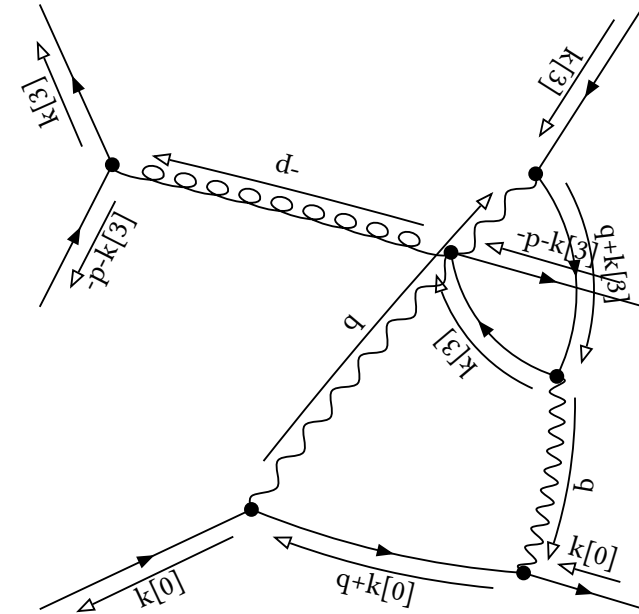
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1} \text{dot}[p, p]^{-1}$$



$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \\ 11:0,13:1,15:0,17:0,=1 \end{aligned}$$



$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \\ 11:1,13:0,15:0,17:0,=1 \end{aligned}$$



$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \\ 11:0,13:0,15:1,17:0,=1 \end{aligned}$$

final

Denominator:

0

embedding 16 [1, 0, 1, 2] with multiplicity 1

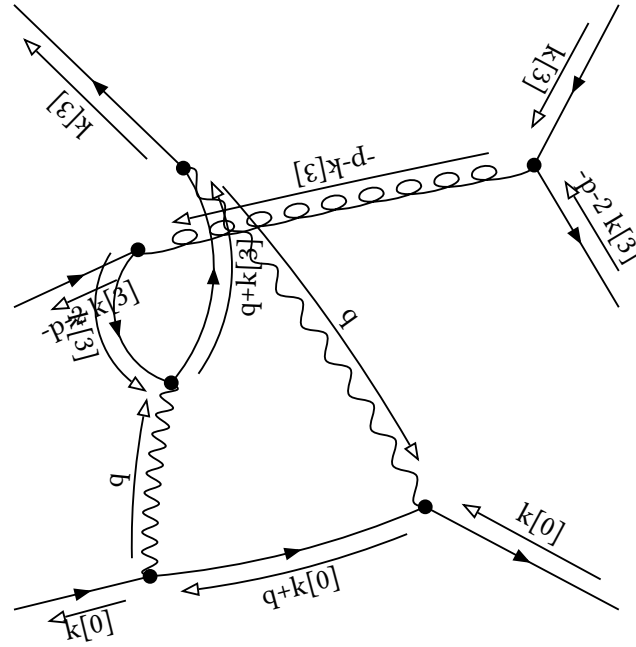
initial

Denominator:

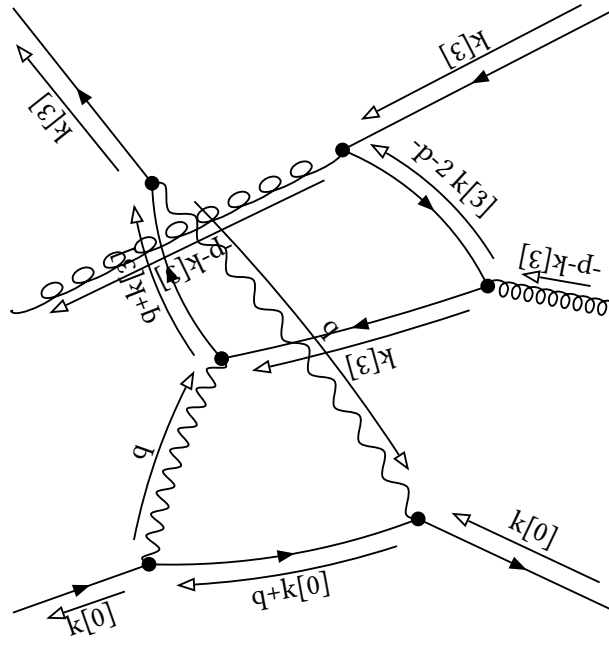
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1} \text{prop}[0, -p-2 k[3]]^{-1}$$

Partial Fractioned Denominator:

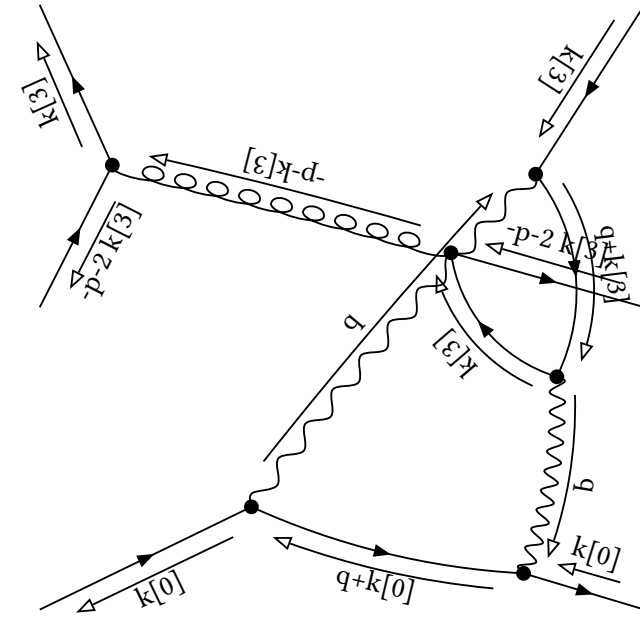
$$\begin{aligned} & -\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & +2 \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 k[3]]^{-1} \text{dot}[p, p]^{-1} \\ & -2 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 k[3]]^{-1} \text{dot}[p, p]^{-2} \\ & +4 \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1} \text{prop}[0, -p-2 k[3]]^{-1} \text{dot}[p, p]^{-2} \end{aligned}$$



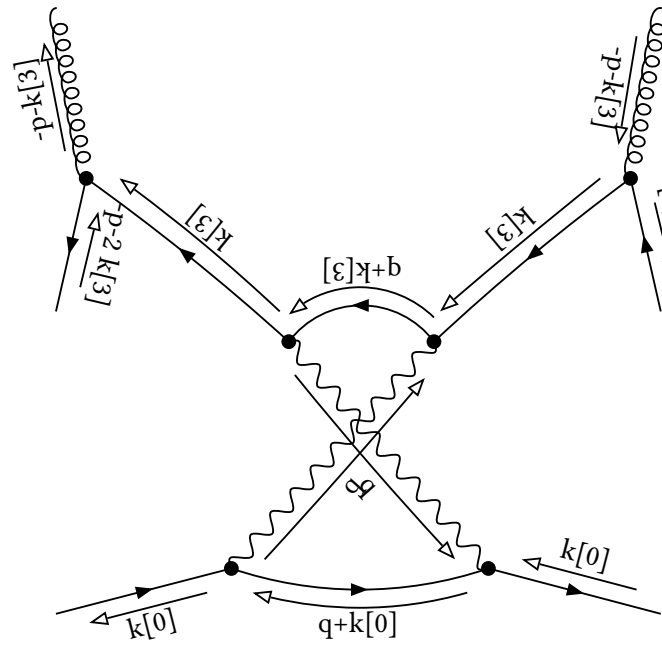
$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \\ 11:0,13:2,15:0,17:0,=2 \end{aligned}$$



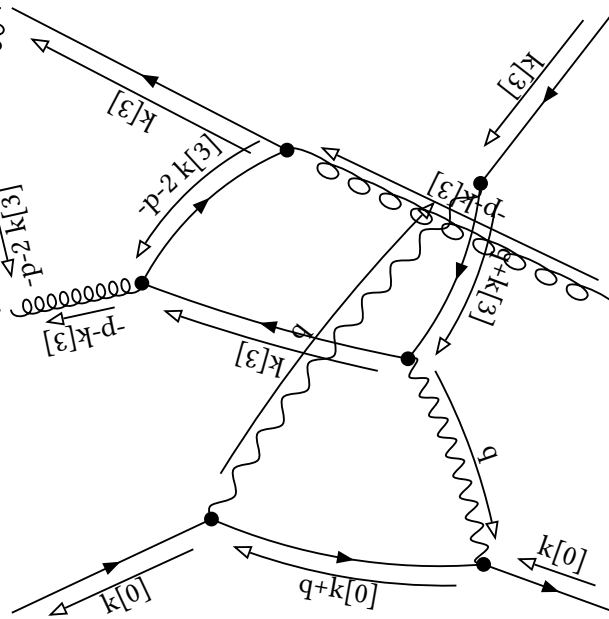
$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \\ 11:1,13:1,15:0,17:0,=2 \end{aligned}$$



$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:0,=1 \\ 11:0,13:0,15:2,17:0,=2 \end{aligned}$$



$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:-1,11:2,=1 \\ 11:2,13:0,15:0,17:0,=2 \end{aligned}$$



$$\begin{aligned} 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:1,=1 \\ 11:1,13:0,15:1,17:0,=2 \end{aligned}$$

final

Denominator:

0

embedding 17 [1, 0, 2, 1] with multiplicity 1

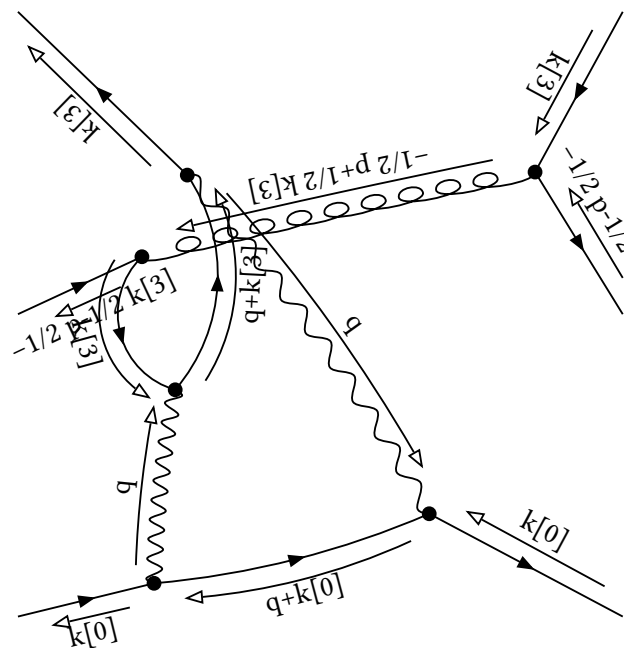
initial

Denominator:

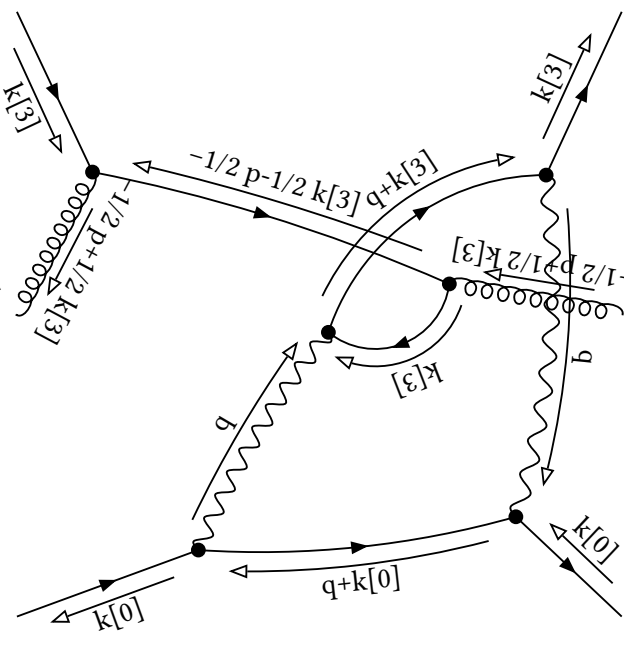
$$1/16 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, -1/2 p+1/2 k[3]]^{-1} \text{ prop}[0, -1/2 p-1/2 k[3]]^{-1}$$

Partial Fractioned Denominator:

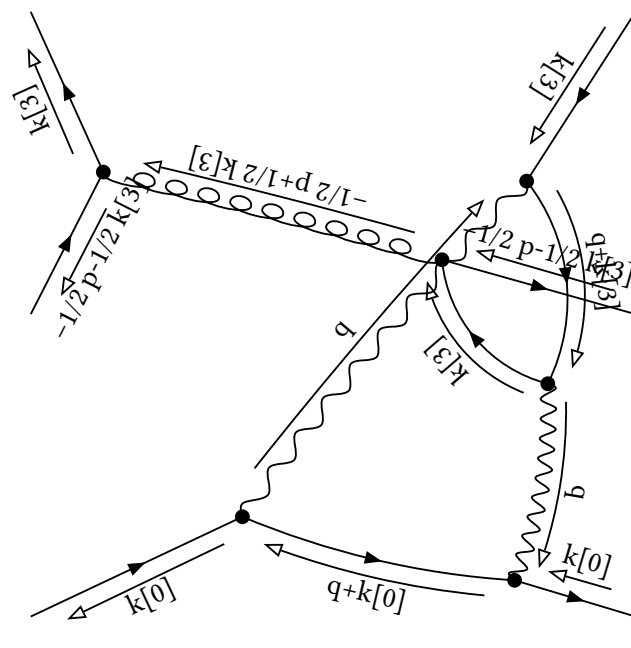
$$\begin{aligned} &1/8 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, -1/2 p+1/2 k[3]]^{-1} \text{ dot}[p, p]^{-1} \\ &+1/8 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, -1/2 p-1/2 k[3]]^{-1} \text{ dot}[p, p]^{-1} \\ &-1/8 \text{ prop}[0, k[3]]^{-1} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, -1/2 p+1/2 k[3]]^{-1} \text{ dot}[p, p]^{-2} \\ &-1/8 \text{ prop}[0, k[3]]^{-1} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, -1/2 p-1/2 k[3]]^{-1} \text{ dot}[p, p]^{-2} \\ &+1/16 \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, -1/2 p+1/2 k[3]]^{-1} \text{ prop}[0, -1/2 p-1/2 k[3]]^{-1} \text{ dot}[p, p]^{-2} \end{aligned}$$



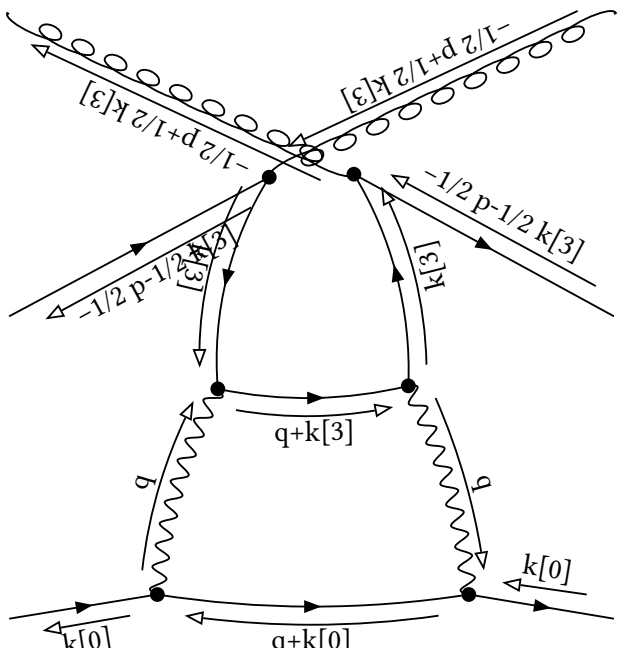
$$\begin{aligned} &0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:2,11:0,=2 \\ &11:0,13:1,15:0,17:0,=1 \end{aligned}$$



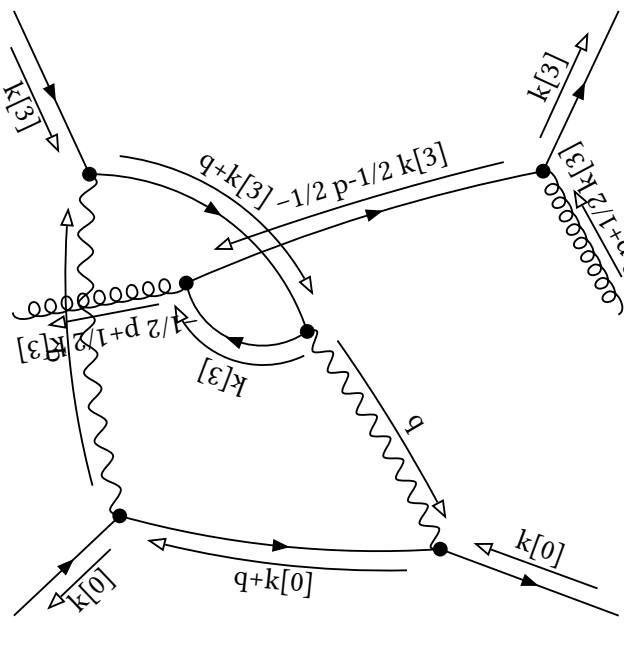
$$\begin{aligned} &0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:2,=2 \quad 11:2,13: \\ &-1,15:0,17:0,=1 \end{aligned}$$



$$\begin{aligned} &0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:2,11:0,=2 \\ &11:0,13:0,15:1,17:0,=1 \end{aligned}$$



$$\begin{aligned} &0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:1,11:1,=2 \\ &11:1,13:0,15:0,17:0,=1 \end{aligned}$$

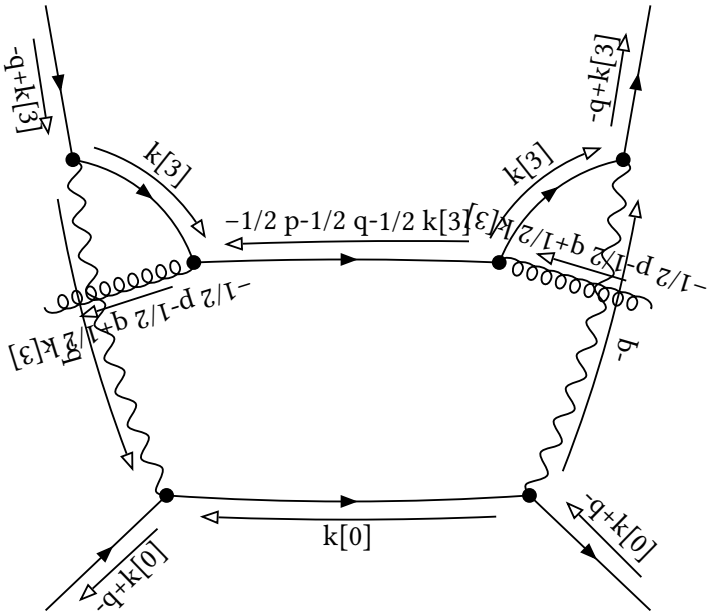


$$\begin{aligned} &0:0,2:1,=1 \quad 0:0,5:0,7:0,17:0,=0 \quad 8:0,11:2,=2 \\ &11:2,13:0,15:-1,17:0,=1 \end{aligned}$$

final

Denominator:

$1/16 \text{ prop}[0,k[3]]^{-2} \text{ prop}[0,-q+k[3]]^{-1} \text{ prop}[0,-1/2 \text{ p}-1/2 \text{ q}+1/2 \text{ k}[3]]^{-1} \text{ prop}[0,-1/2 \text{ p}-1/2 \text{ q}-1/2 \text{ k}[3]]^{-1}$



$0:1,2:0,=1 \ 0:1,5:0,7:0,17:-1,=0 \ 8:0,11:2,=2$
 $11:2,13:0,15:0,17:-1,=1$

embedding 18 [1, 1, -2, -1] with multiplicity 1

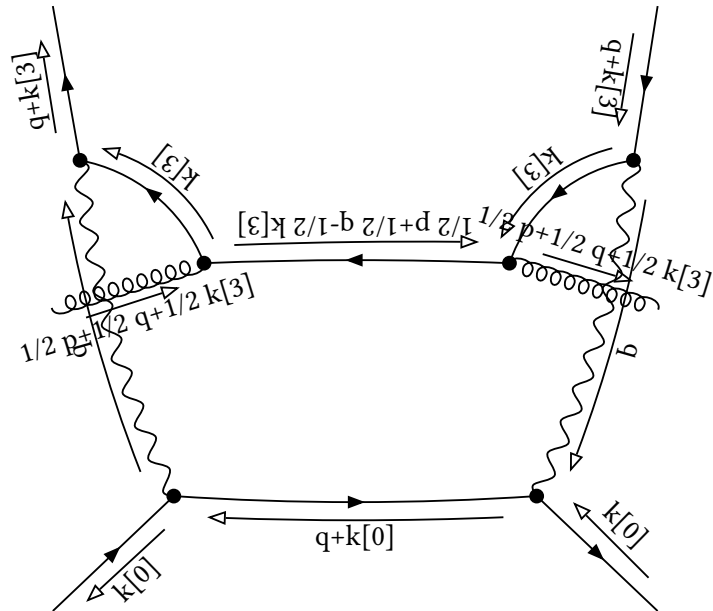
initial

Denominator:

$$1/16 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q+1/2 k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q-1/2 k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/8 (-\text{dot}[p, p] - 2 \text{ dot}[p, q] - \text{dot}[q, q])^{-2} \text{ prop}[0, k[3]]^{-1} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q+1/2 k[3]]^{-1} \\ & -1/8 (-\text{dot}[p, p] - 2 \text{ dot}[p, q] - \text{dot}[q, q])^{-2} \text{ prop}[0, k[3]]^{-1} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q-1/2 k[3]]^{-1} \\ & +1/16 (-\text{dot}[p, p] - 2 \text{ dot}[p, q] - \text{dot}[q, q])^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q+1/2 k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q-1/2 k[3]]^{-1} \\ & -1/8 (-\text{dot}[p, p] - 2 \text{ dot}[p, q] - \text{dot}[q, q])^{-1} \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q+1/2 k[3]]^{-1} \\ & -1/8 (-\text{dot}[p, p] - 2 \text{ dot}[p, q] - \text{dot}[q, q])^{-1} \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 q-1/2 k[3]]^{-1} \end{aligned}$$

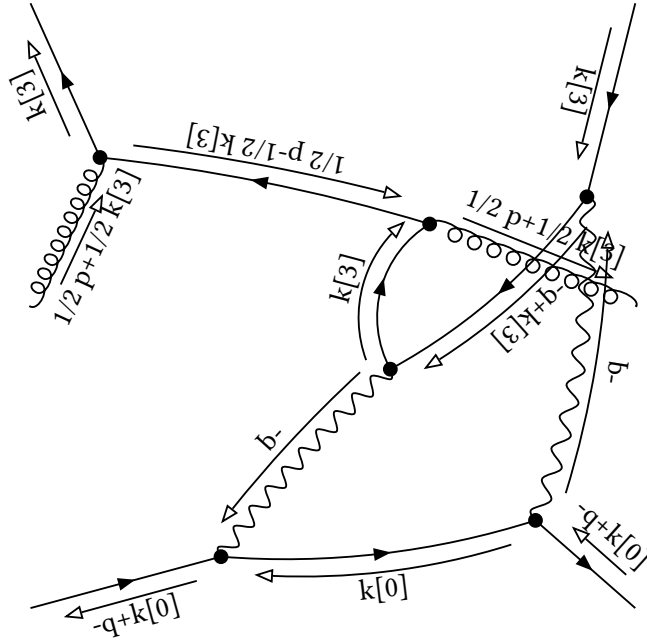


$$\begin{aligned} & 0:0,2:1,=1 \quad 0:0,5:0,7:0,17:1,=1 \quad 8:0,11:-2,=-2 \quad 11: \\ & -2,13:0,15:0,17:1,=-1 \end{aligned}$$

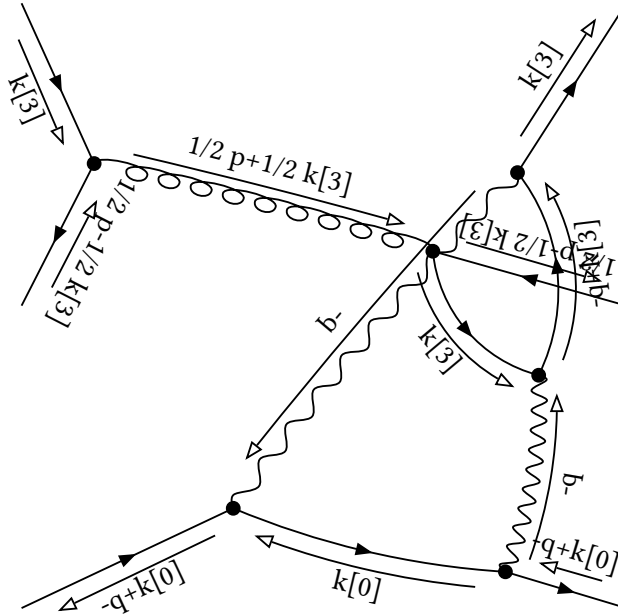
final

Denominator:

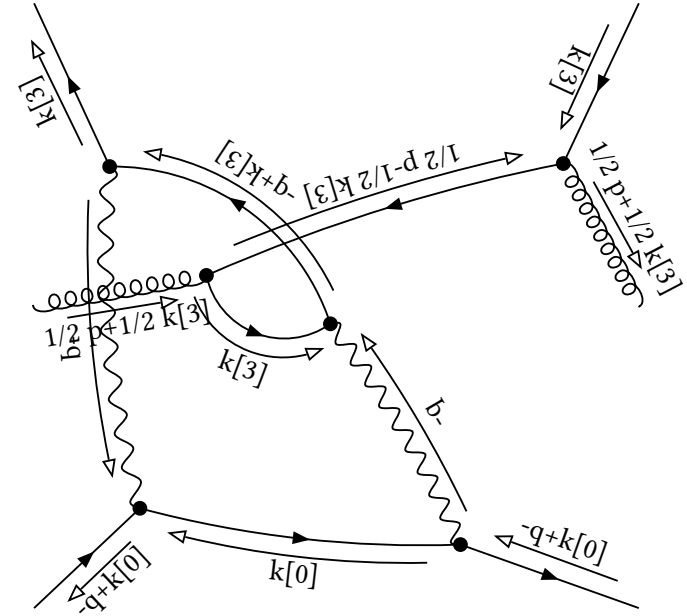
$$1/16 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, -q+k[3]]^{-1} \text{ prop}[0, 1/2 p+1/2 k[3]]^{-1} \text{ prop}[0, 1/2 p-1/2 k[3]]^{-1}$$



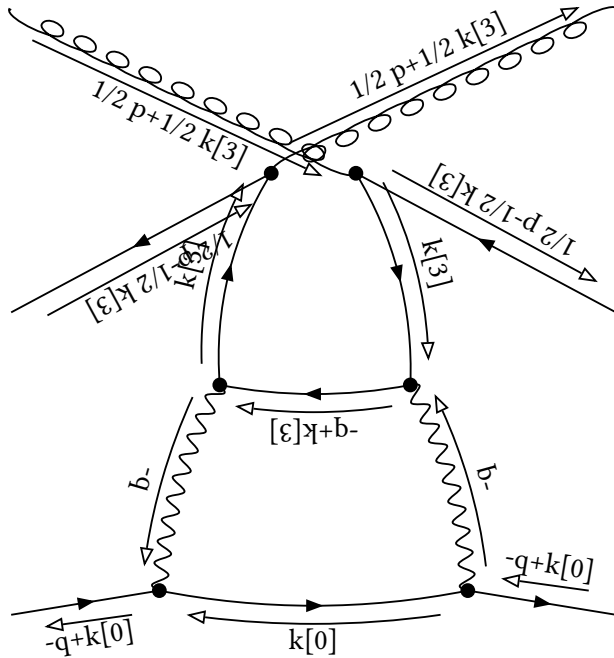
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-2,=-2 \quad 11:-2,13:0,15:1,17:0,=-1$$



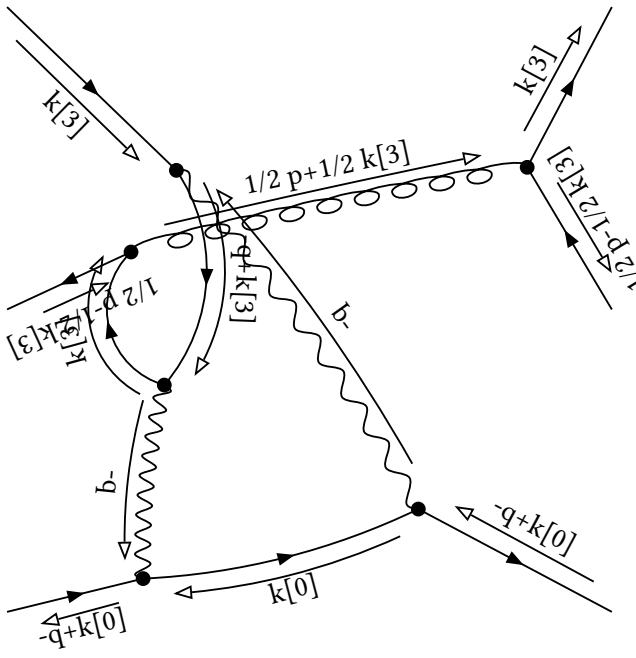
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-2,11:0,=-2 \quad 11:0,13:-1,15:0,17:0,=-1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-2,=-2 \quad 11:-2,13:1,15:0,17:0,=-1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:-1,=-2 \quad 11:-1,13:0,15:0,17:0,=-1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-2,11:0,=-2 \quad 11:0,13:0,15:-1,17:0,=-1$$

embedding 19 [1, 1, -1, -2] with multiplicity 1

initial

Denominator:

0

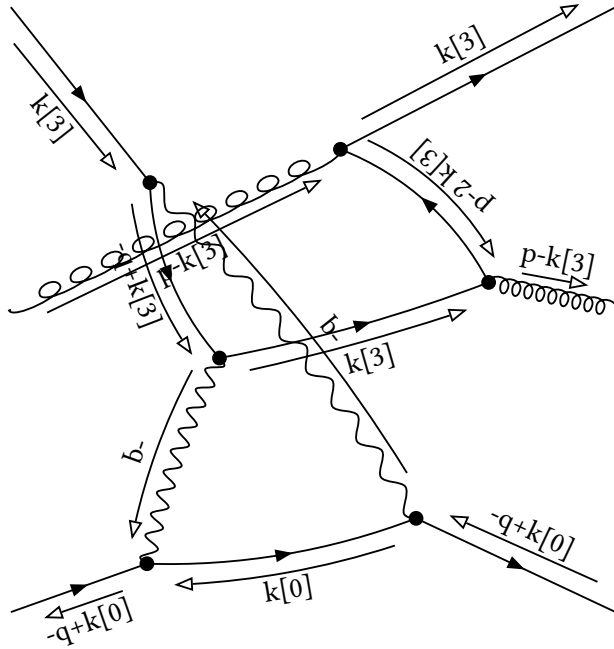
Partial Fractioned Denominator:

0

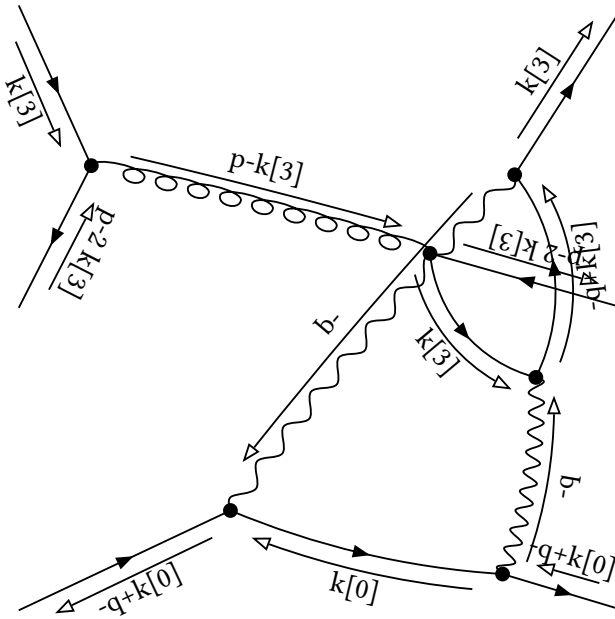
final

Denominator:

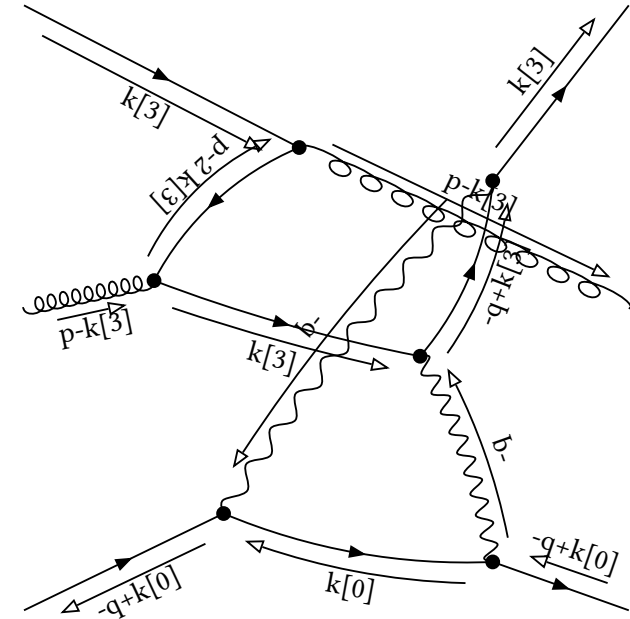
$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,p-k[3]]^{-1} \text{prop}[0,p-2k[3]]^{-1} \text{prop}[0,-q+k[3]]^{-1}$$



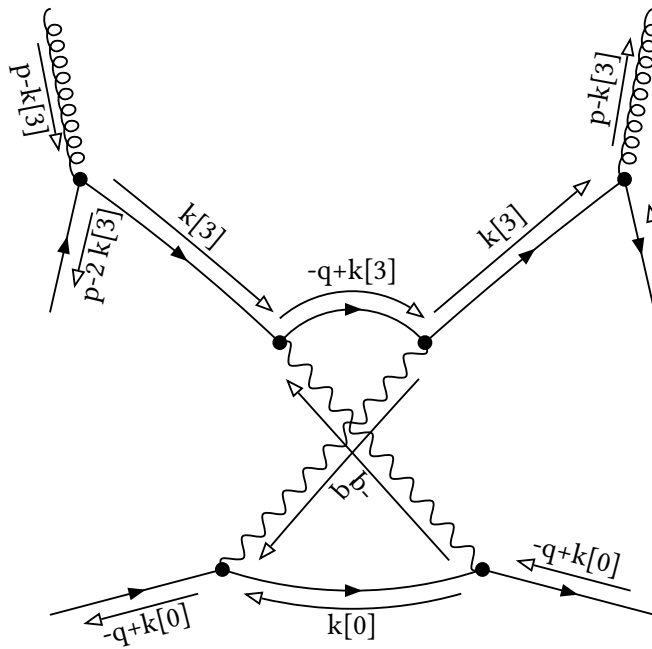
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-1,=-1 \quad 11:-1,13:0,15:-1,17:0,=-2$$



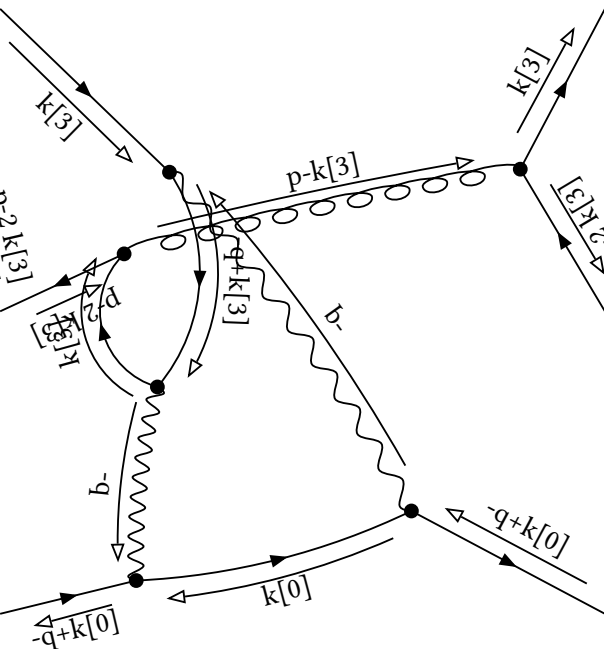
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:0,=-1 \quad 11:0,13:-2,15:0,17:0,=-2$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-1,=-1 \quad 11:-1,13:-1,15:0,17:0,=-2$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:-2,=-1 \quad 11:-2,13:0,15:0,17:0,=-2$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:0,=-1 \quad 11:0,13:0,15:-2,17:0,=-2$$

embedding 20 [1, 1, -1, -1] with multiplicity 1

initial

Denominator:

0

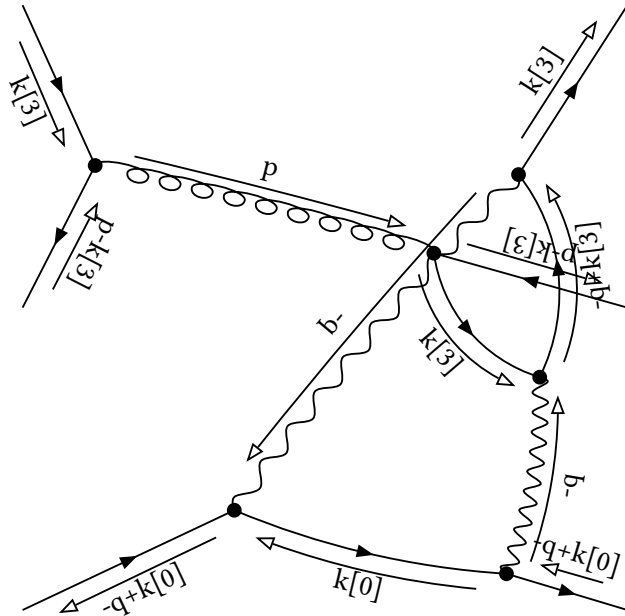
Partial Fractioned Denominator:

0

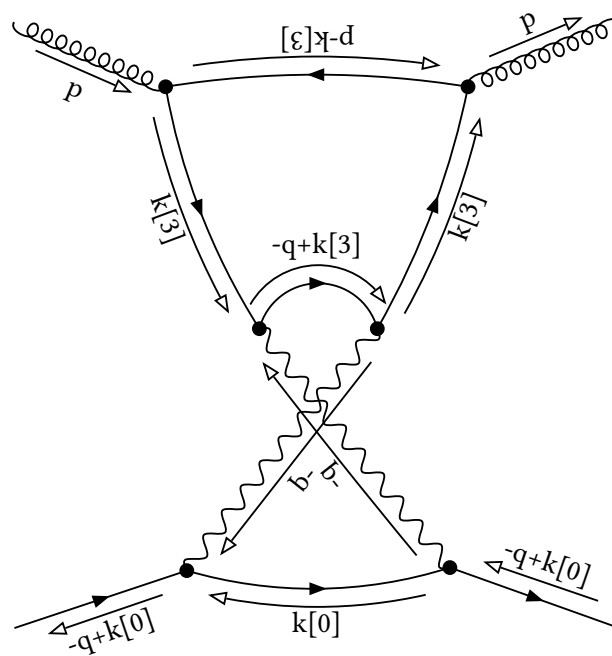
final

Denominator:

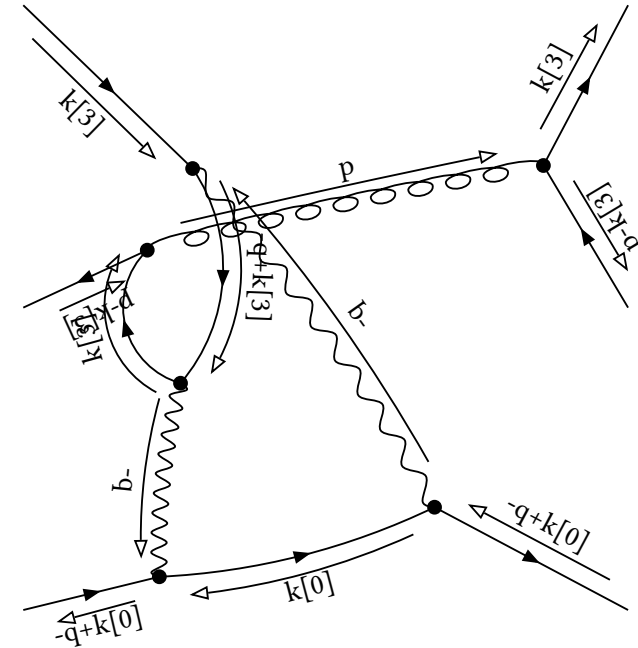
$$\text{prop}[0,p]^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,p-k[3]]^{-1} \text{prop}[0,-q+k[3]]^{-1}$$



$$0:1,2:0,=1 \ 0:1,5:0,7:0,17:0,=1 \ 8:-1,11:0,=-1 \ 11:0,13:-1,15:0,17:0,=-1$$



$$0:1,2:0,=1 \ 0:1,5:0,7:0,17:0,=1 \ 8:0,11:-1,=-1 \ 11:-1,13:0,15:0,17:0,=-1$$



$$0:1,2:0,=1 \ 0:1,5:0,7:0,17:0,=1 \ 8:-1,11:0,=-1 \ 11:0,13:0,15:-1,17:0,=-1$$

embedding 21 [1, 1, -1, 0] with multiplicity 1

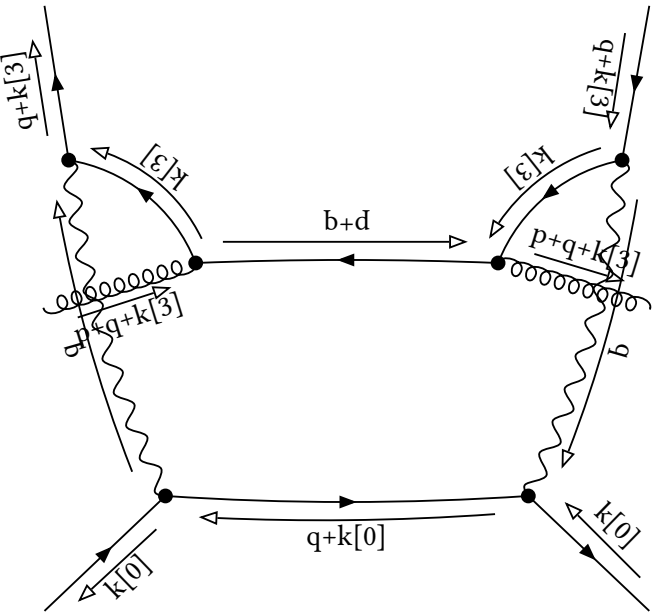
initial

Denominator:

$\text{prop}[0,k[3]]^{-2} \text{prop}[0,p+q]^{-1} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,p+q+k[3]]^{-1}$

Partial Fractioned Denominator:

$(\text{dot}[p,p]+2 \text{dot}[p,q]+\text{dot}[q,q])^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,p+q+k[3]]^{-1}$

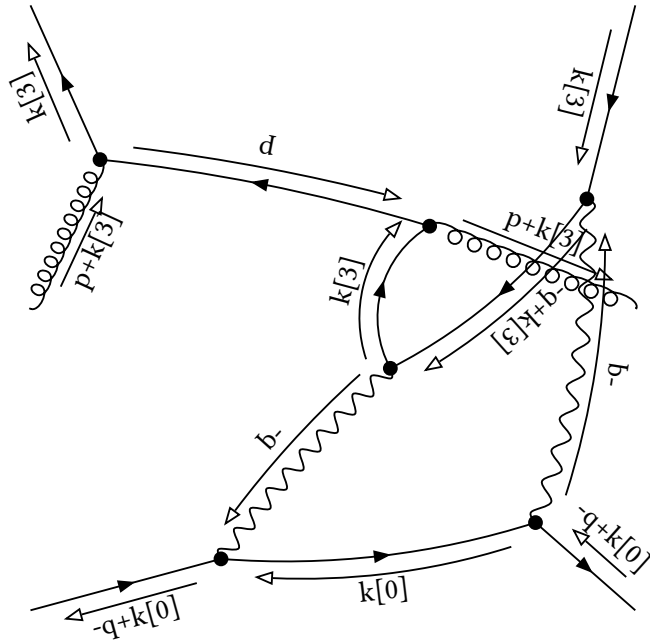


0:0,2:1,=1 0:0,5:0,7:0,17:1,=1 8:0,11:-1,=-1 11:
-1,13:0,15:0,17:1,=0

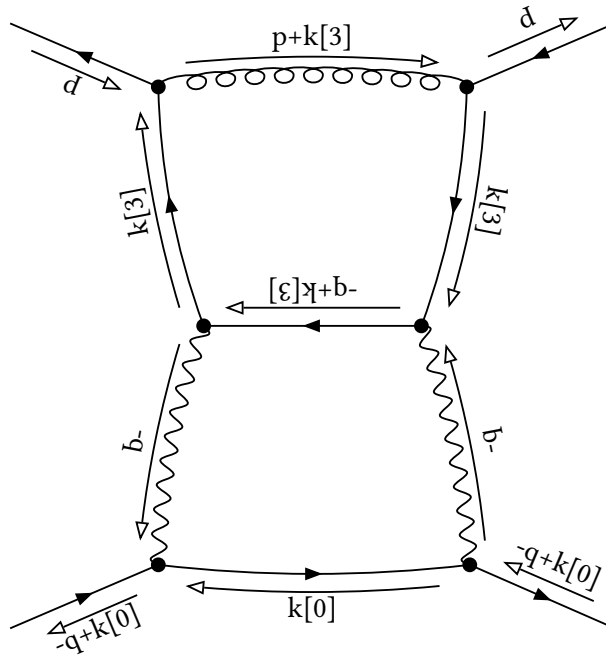
final

Denominator:

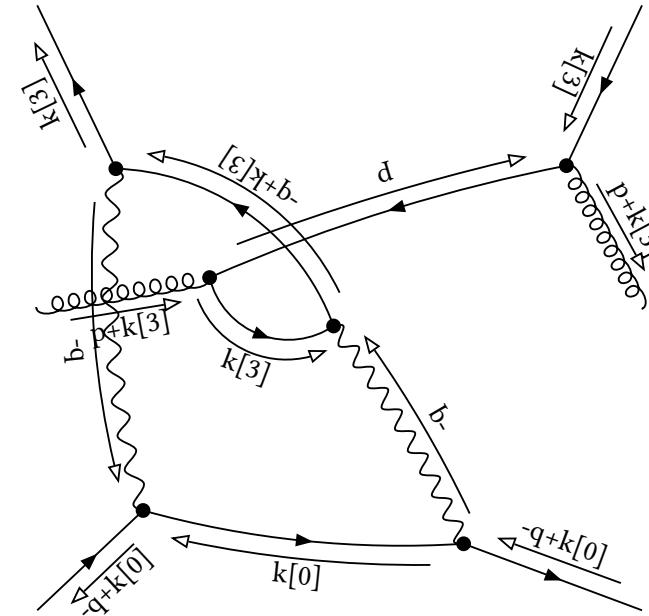
$$\text{prop}[0,p]^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,p+k[3]]^{-1} \text{prop}[0,-q+k[3]]^{-1}$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-1,=-1 \quad 11:-1,13:0,15:1,17:0,=0$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:0,=-1 \quad 11:0,13:0,15:0,17:0,=0$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-1,=-1 \quad 11:-1,13:1,15:0,17:0,=0$$

embedding 22 [1, 1, -1, 1] with multiplicity 1

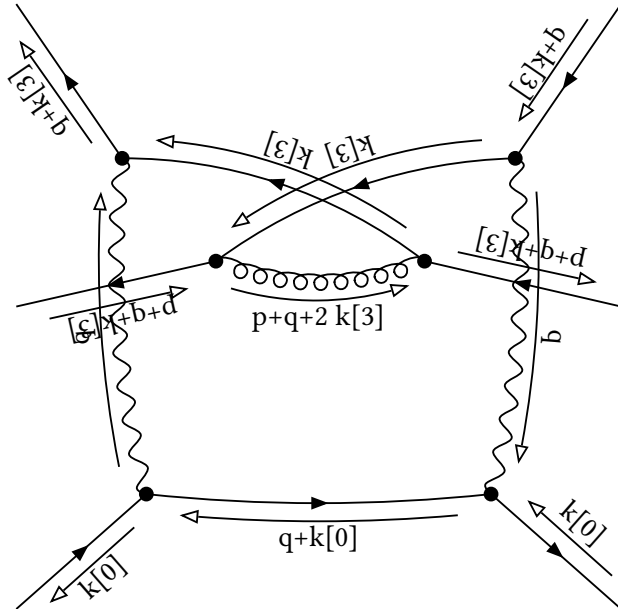
initial

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+q+k[3]]^{-1} \text{prop}[0, p+q+2 \ k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/2 \ (1/2 \ \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \ \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+q+k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \ \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+q+2 \ k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \ \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+q+k[3]]^{-1} \text{prop}[0, p+q+2 \ k[3]]^{-1} \\ & - 1/2 \ (1/2 \ \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \ \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+q+k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \ \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+q+2 \ k[3]]^{-1} \end{aligned}$$



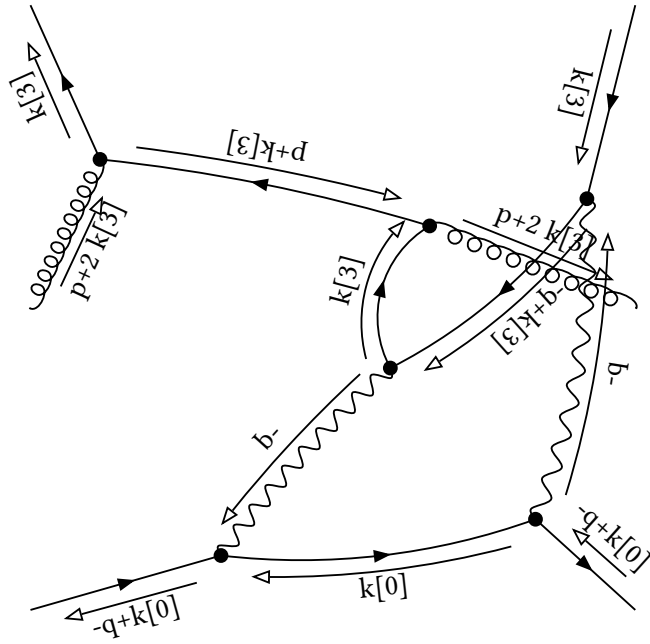
$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:1,=1 \ 8:-1,11:0,=-1$$

$$11:0,13:0,15:0,17:1,=1$$

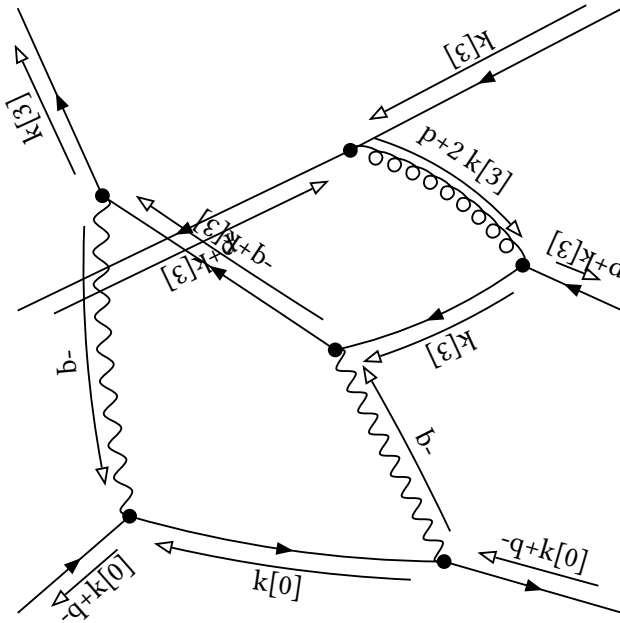
final

Denominator:

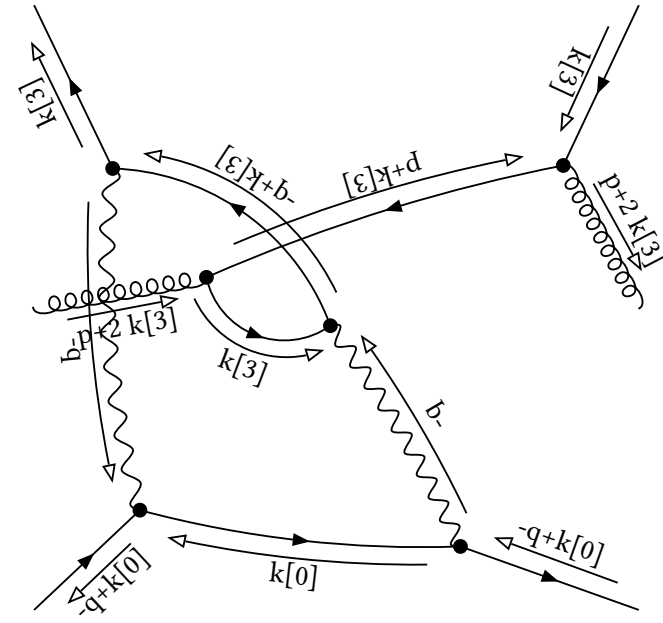
$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,p+k[3]]^{-1} \text{prop}[0,p+2k[3]]^{-1} \text{prop}[0,-q+k[3]]^{-1}$$



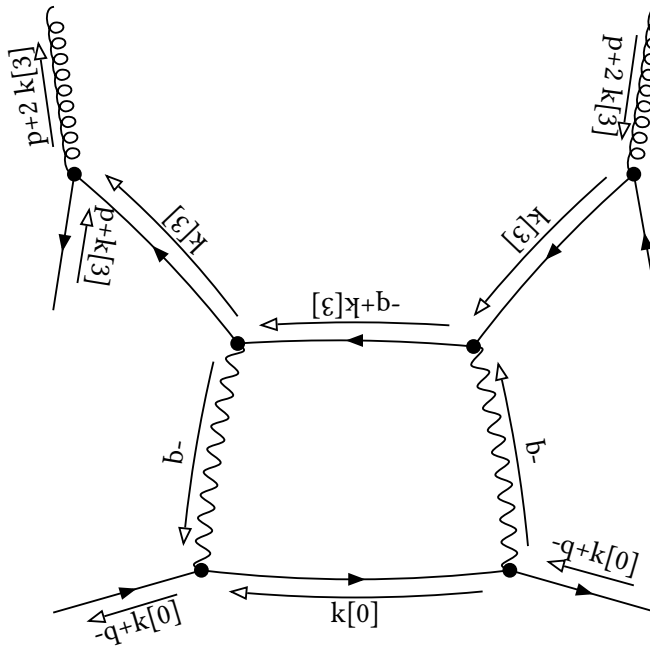
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-1,=-1 \quad 11:-1,13:0,15:2,17:0,=1$$



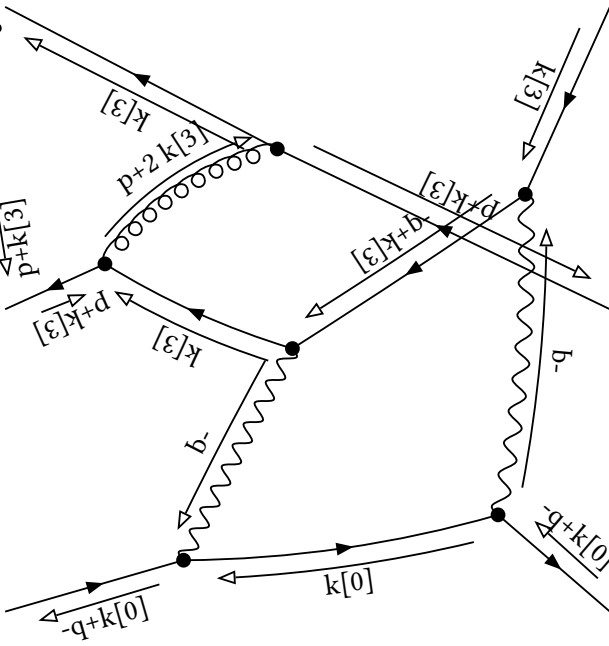
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:0,=-1 \quad 11:0,13:1,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:-1,=-1 \quad 11:-1,13:2,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-2,11:1,=-1 \quad 11:1,13:0,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:0,=-1 \quad 11:0,13:0,15:1,17:0,=1$$

embedding 23 [1, 1, 0, -1] with multiplicity 1

initial

Denominator:

0

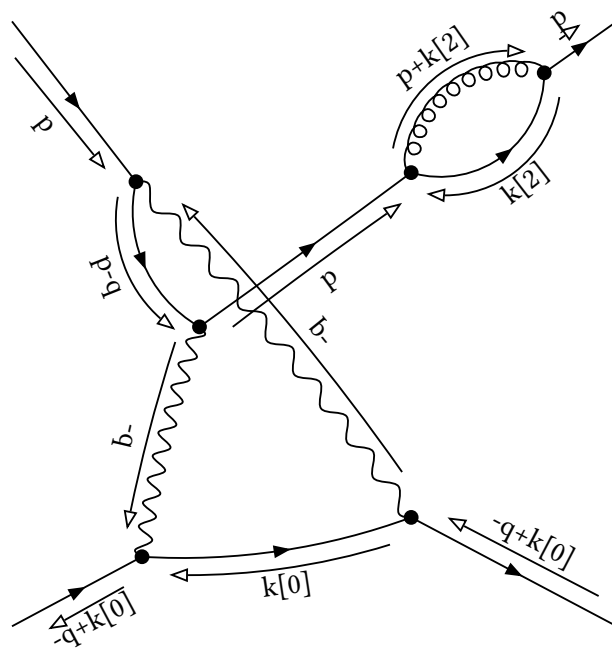
Partial Fractioned Denominator:

0

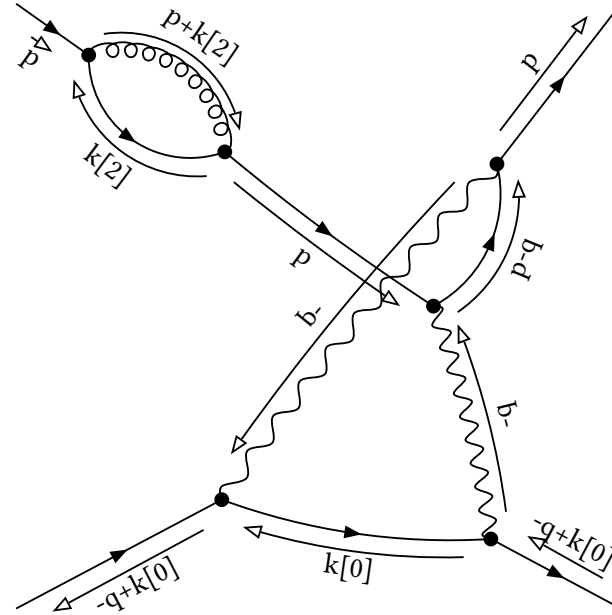
final

Denominator:

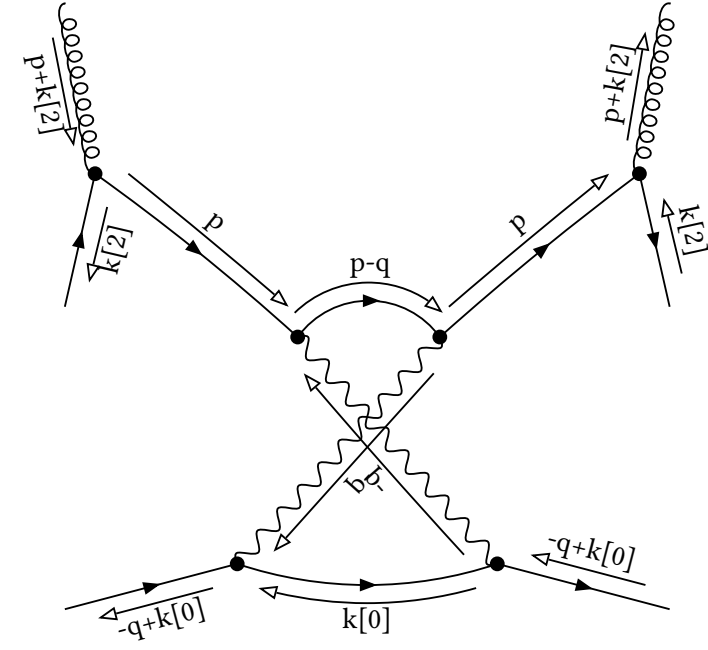
$$\text{prop}[0,p]^{-2} \text{prop}[0,k[2]]^{-1} \text{prop}[0,p+k[2]]^{-1} \text{prop}[0,p-q]^{-1}$$



$$\begin{aligned} &0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:0,=0 \\ &11:0,13:0,15:-1,17:0,=-1 \end{aligned}$$



$$\begin{aligned} &0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:0,=0 \quad 11:0,13: \\ &-1,15:0,17:0,=-1 \end{aligned}$$



$$\begin{aligned} &0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:-1,=0 \quad 11: \\ &-1,13:0,15:0,17:0,=-1 \end{aligned}$$

embedding 24 [1, 1, 0, 1] with multiplicity 1

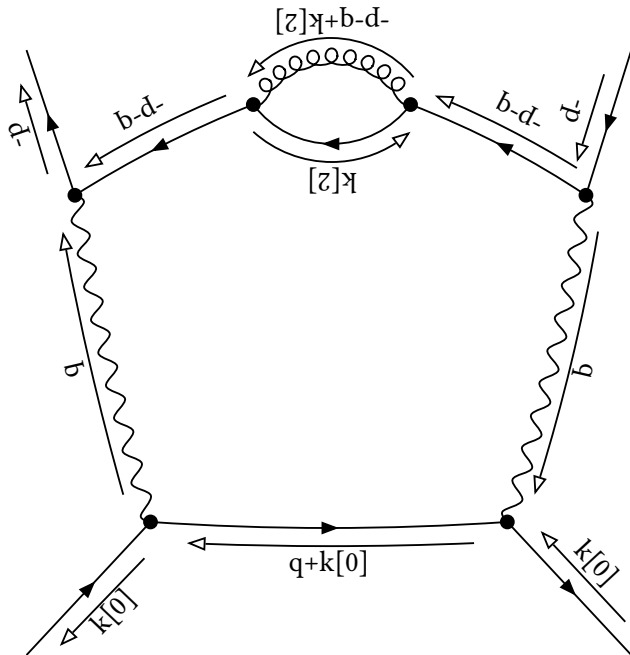
initial

Denominator:

$$\text{prop}[\theta,k[2]]^{-1} \text{prop}[\theta,-p]^{-1} \text{prop}[\theta,-p-q]^{-2} \text{prop}[\theta,-p-q+k[2]]^{-1}$$

Partial Fractioned Denominator:

$$(\text{dot}[p,p]+2 \text{dot}[p,q]+\text{dot}[q,q])^{-2} \text{prop}[\theta,k[2]]^{-1} \text{prop}[\theta,-p-q+k[2]]^{-1} \text{dot}[p,p]^{-1}$$

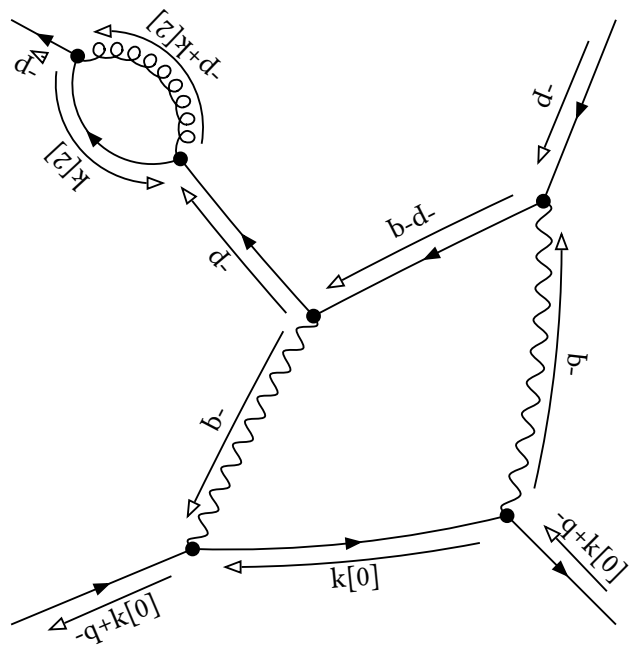


0:0,2:1,=1 0:0,5:0,7:0,17:1,=1 8:0,11:0,=0
11:0,13:0,15:0,17:1,=1

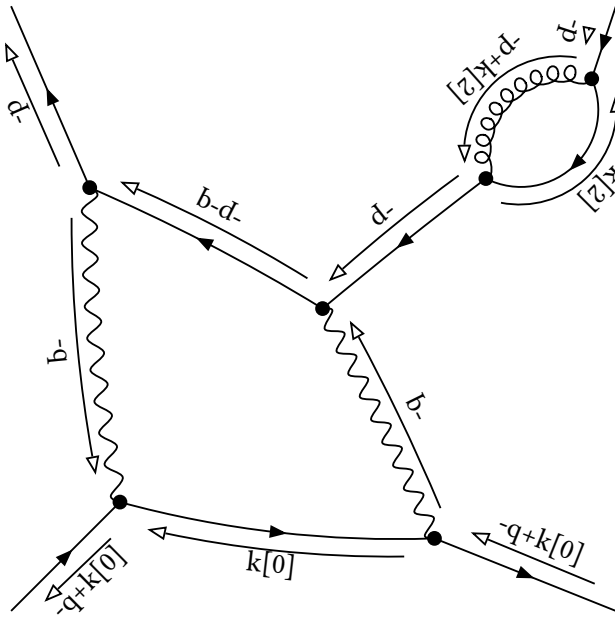
final

Denominator:

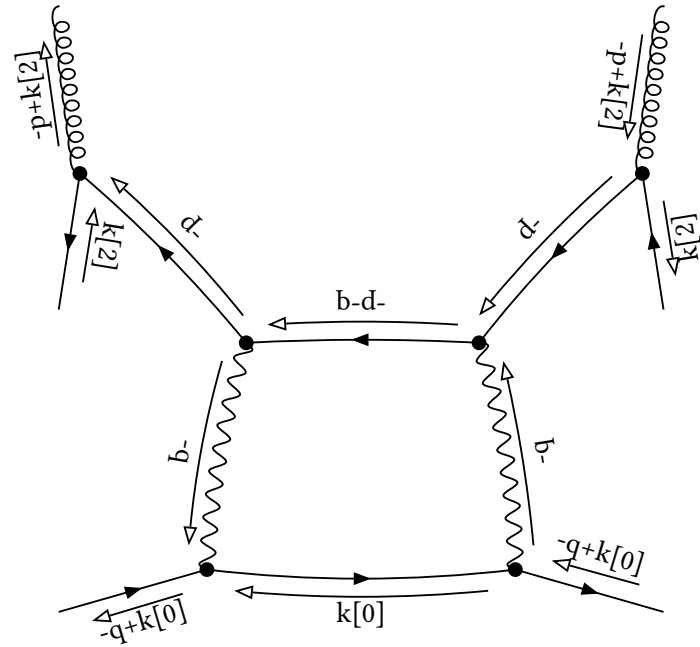
$$\text{prop}[0, k[2]]^{-1} \text{prop}[0, -p]^{-2} \text{prop}[0, -p+k[2]]^{-1} \text{prop}[0, -p-q]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:0,=1 & \quad 8:0,11:0,=0 \\ 11:0,13:0,15:1,17:0,=1 & \end{aligned}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:0,=1 & \quad 8:0,11:0,=0 \\ 11:0,13:1,15:0,17:0,=1 & \end{aligned}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:0,=1 & \quad 8:-1,11:1,=0 \\ 11:1,13:0,15:0,17:0,=1 & \end{aligned}$$

embedding 25 [1, 1, 1, -1] with multiplicity 1

initial

Denominator:

0

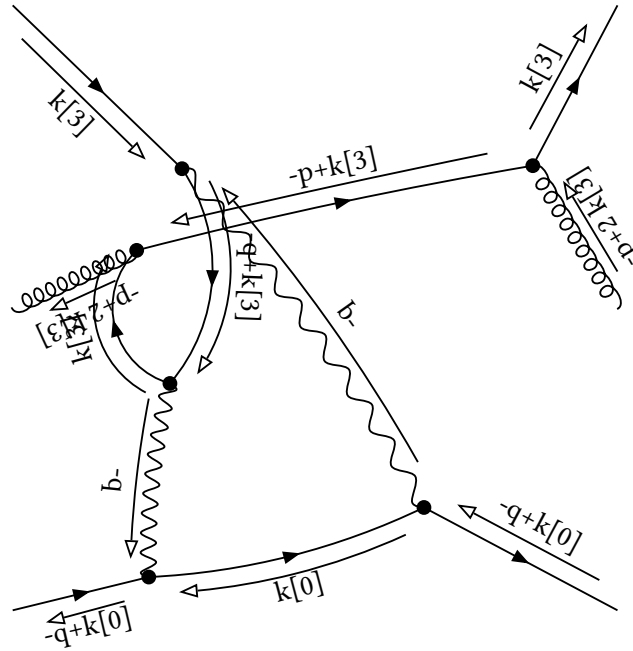
Partial Fractioned Denominator:

0

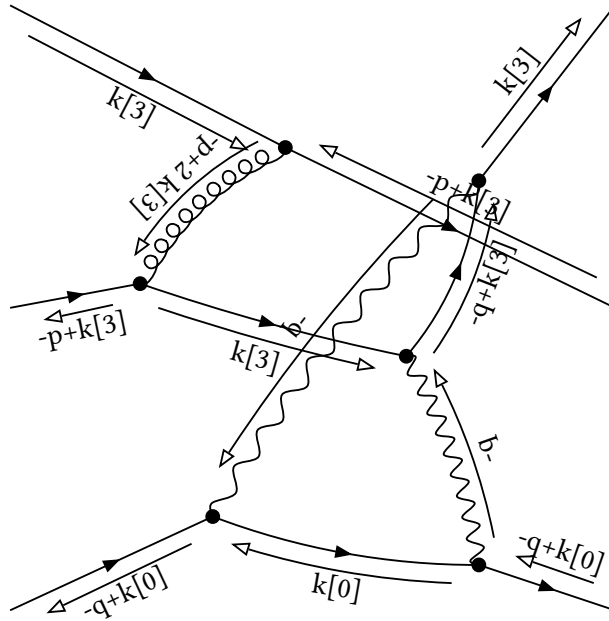
final

Denominator:

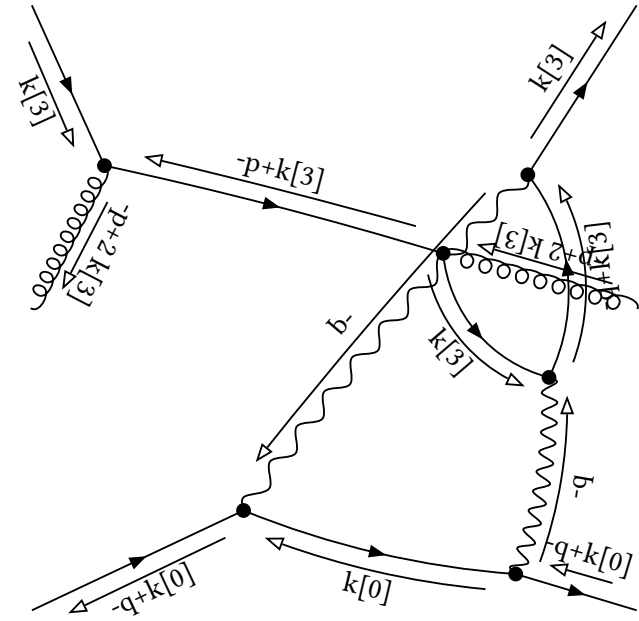
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -p+k[3]]^{-1} \text{prop}[0, -q+k[3]]^{-1} \text{prop}[0, -p+2 k[3]]^{-1}$$



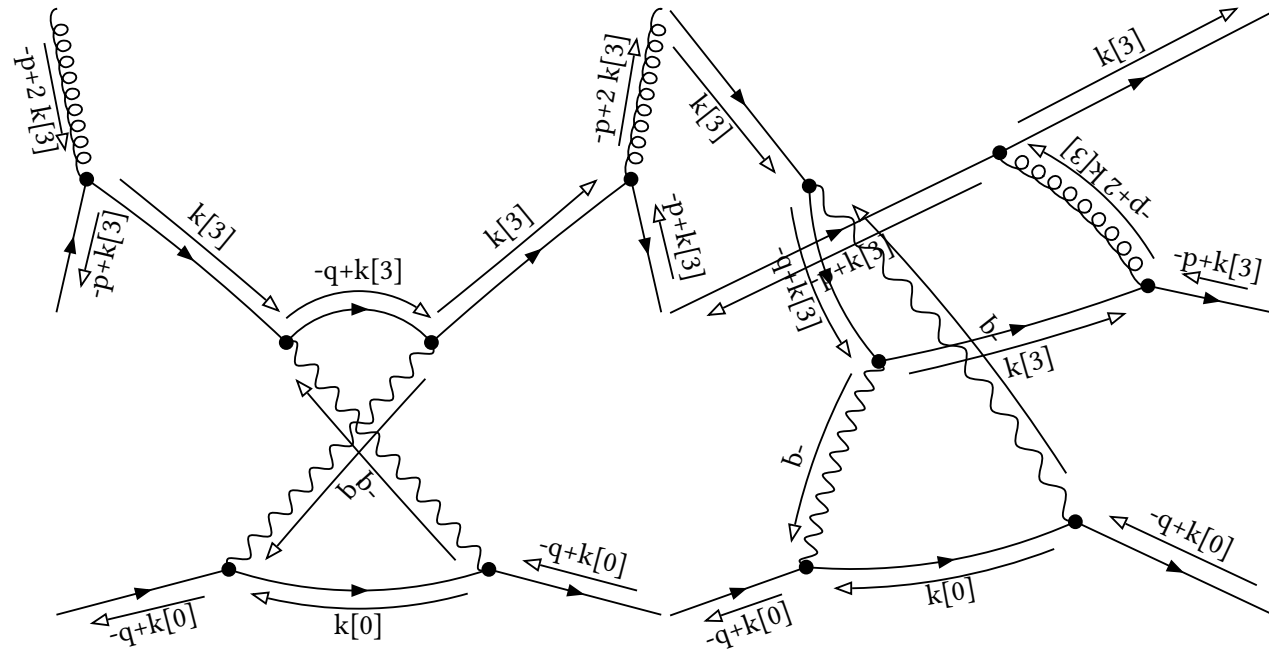
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:1,=1 \\ 11:1,13:0,15:-2,17:0,=-1$$



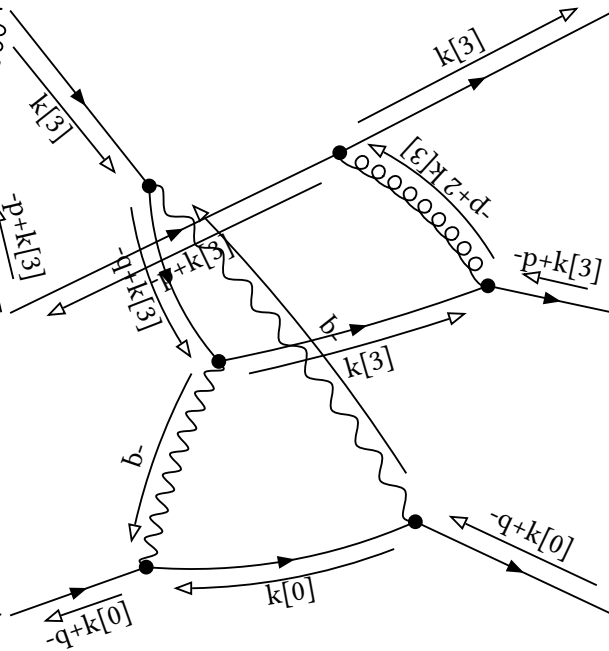
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:0,=1 \quad 11:0,13:-1,15:0,17:0,=-1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:1,=1 \quad 11:1,13:-2,15:0,17:0,=-1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:2,11:-1,=1 \quad 11:-1,13:0,15:0,17:0,=-1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:0,=1 \quad 11:0,13:0,15:-1,17:0,=-1$$

embedding 26 [1, 1, 1, 0] with multiplicity 1

initial

Denominator:

0

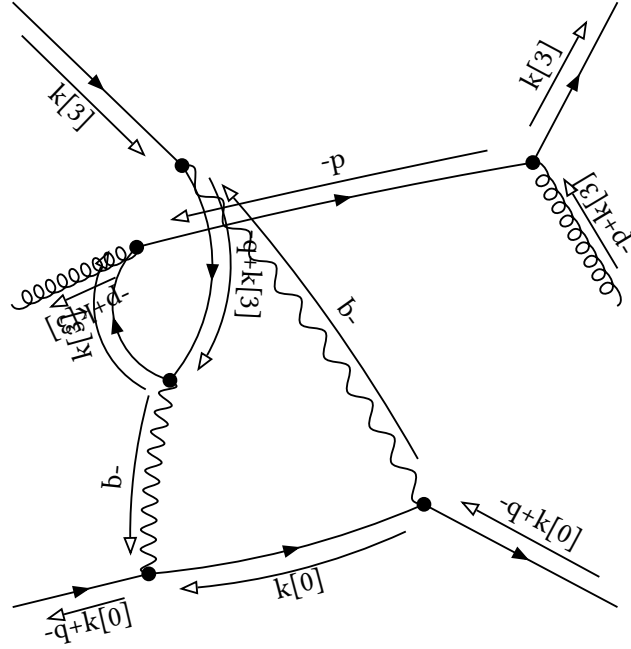
Partial Fractioned Denominator:

0

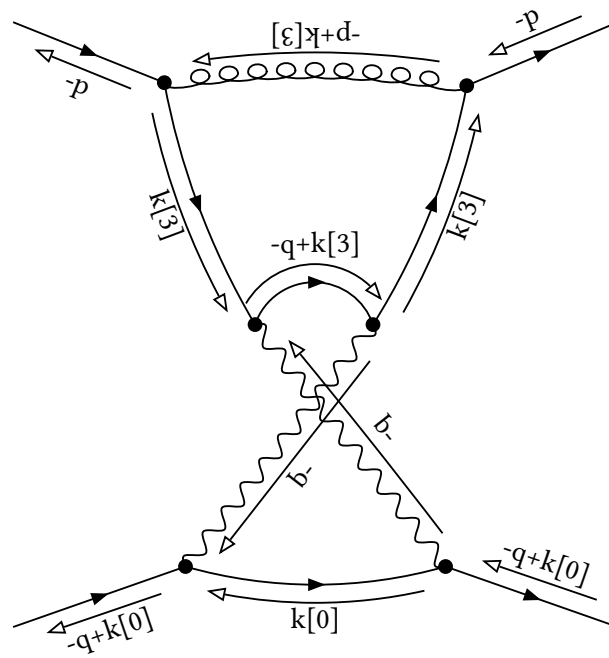
final

Denominator:

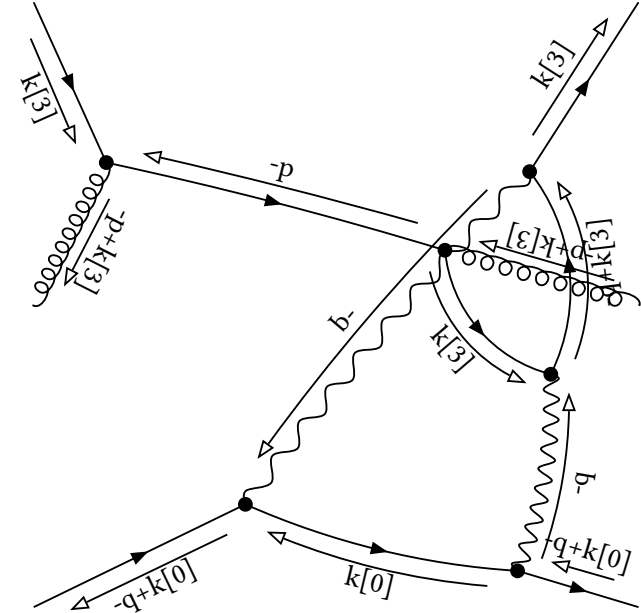
$$\text{prop}[\theta, k[3]]^{-2} \text{prop}[\theta, -p]^{-1} \text{prop}[\theta, -p+k[3]]^{-1} \text{prop}[\theta, -q+k[3]]^{-1}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:0,=1 & \quad 8:0,11:1,=1 \\ 11:1,13:0,15:-1,17:0,=0 \end{aligned}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:0,=1 & \quad 8:1,11:0,=1 \\ 11:0,13:0,15:0,17:0,=0 \end{aligned}$$



$$\begin{aligned} 0:1,2:0,=1 & \quad 0:1,5:0,7:0,17:0,=1 & \quad 8:0,11:1,=1 & \quad 11:1,13: \\ -1,15:0,17:0,=0 \end{aligned}$$

embedding 27 [1, 1, 1, 1] with multiplicity 1

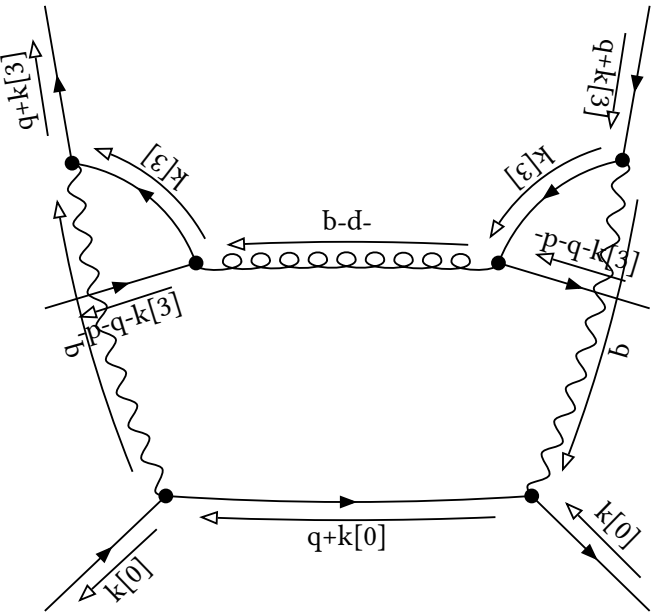
initial

Denominator:

$\text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,-p-q]^{-1} \text{prop}[0,-p-q-k[3]]^{-1}$

Partial Fractioned Denominator:

$(\text{dot}[p,p]+2 \text{dot}[p,q]+\text{dot}[q,q])^{-1} \text{prop}[0,k[3]]^{-2} \text{prop}[0,q+k[3]]^{-1} \text{prop}[0,-p-q-k[3]]^{-1}$

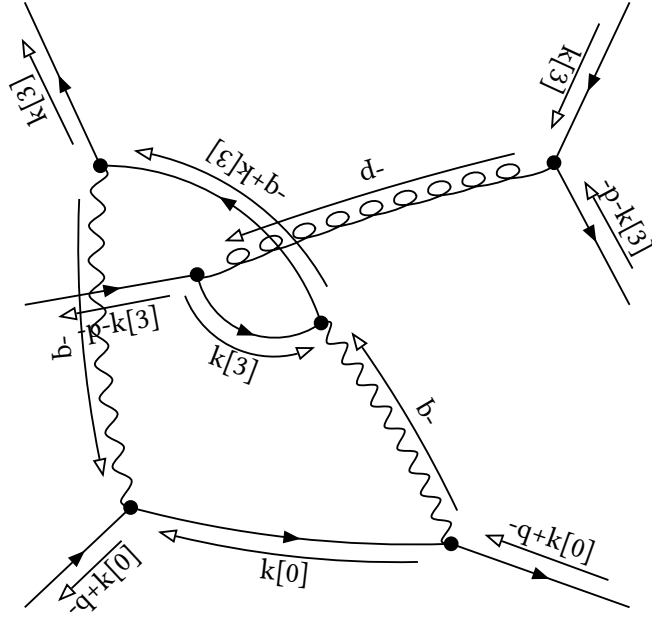


0:0,2:1,=1 0:0,5:0,7:0,17:1,=1 8:1,11:0,=1
11:0,13:0,15:0,17:1,=1

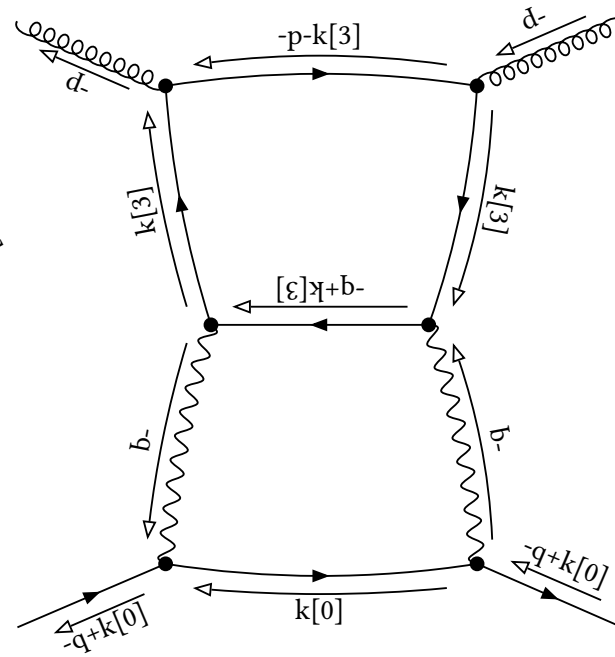
final

Denominator:

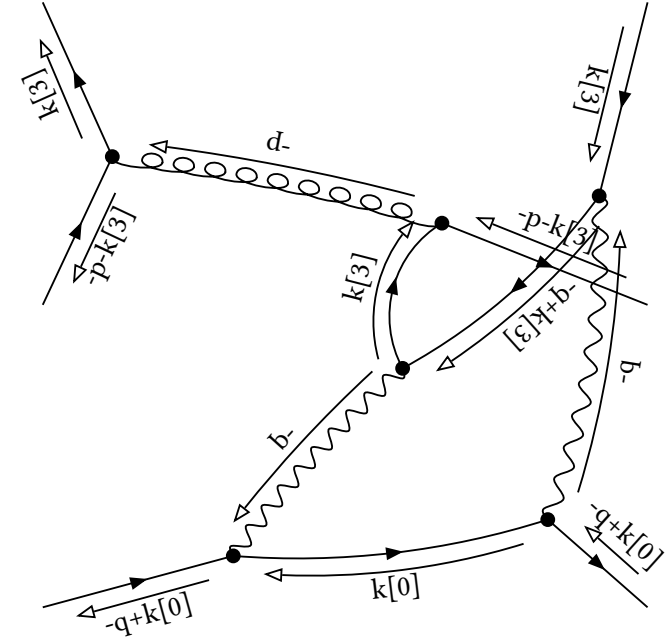
$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -p]^{-1} \text{prop}[0, -q+k[3]]^{-1} \text{prop}[0, -p-k[3]]^{-1}$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:0,=1 \\ 11:0,13:1,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:1,=1 \\ 11:1,13:0,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:0,=1 \\ 11:0,13:0,15:1,17:0,=1$$

embedding 28 [1, 1, 1, 2] with multiplicity 1

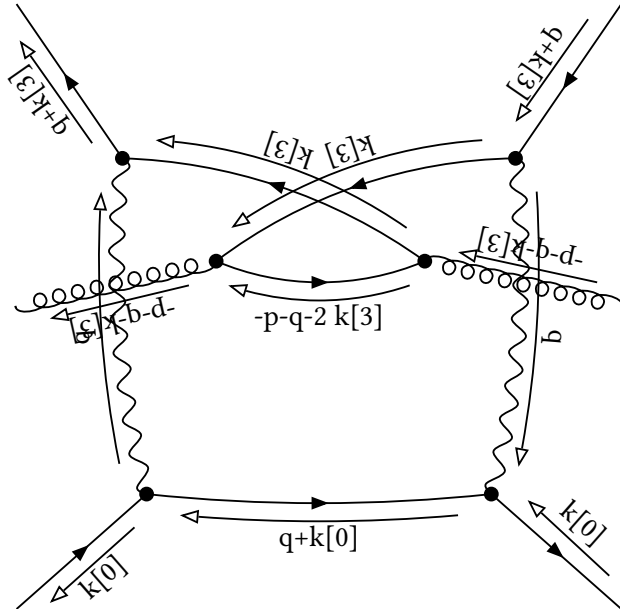
initial

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-q-k[3]]^{-1} \text{prop}[0, -p-q-2 k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/2 (1/2 \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-q-k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-q-2 k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-q-k[3]]^{-1} \text{prop}[0, -p-q-2 k[3]]^{-1} \\ & -1/2 (1/2 \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-q-k[3]]^{-1} \\ & + (1/2 \text{dot}[p, p] + \text{dot}[p, q] + 1/2 \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-q-2 k[3]]^{-1} \end{aligned}$$



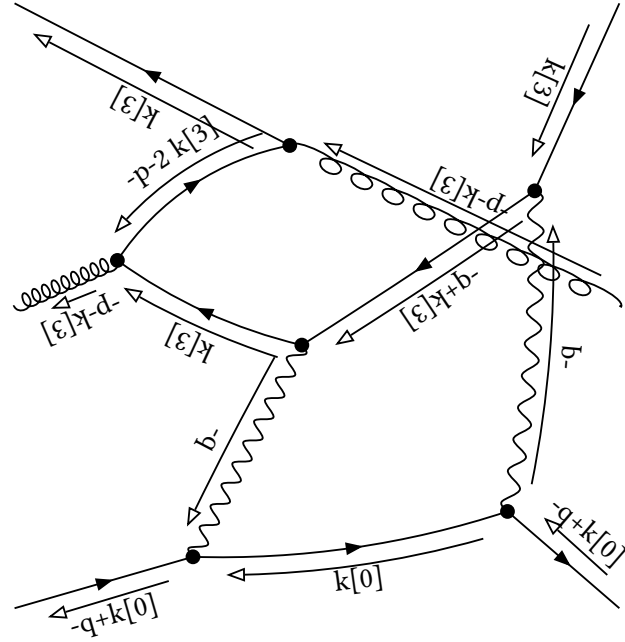
$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:1,=1 \quad 8:0,11:1,=1$$

$$11:1,13:0,15:0,17:1,=2$$

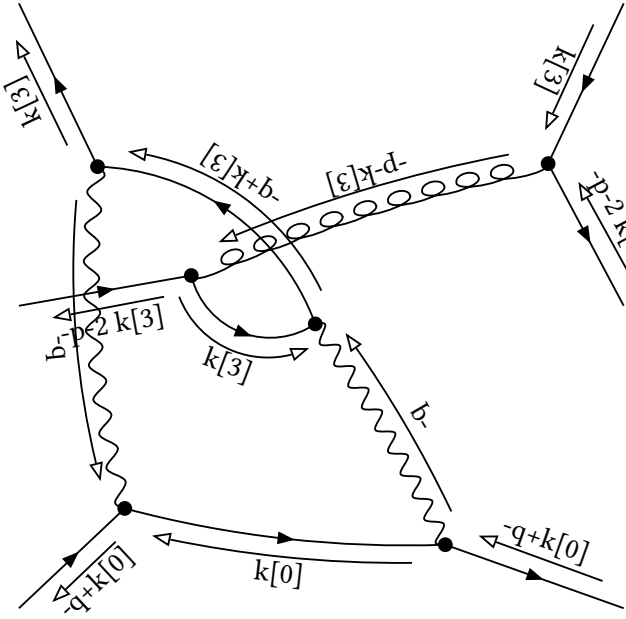
final

Denominator:

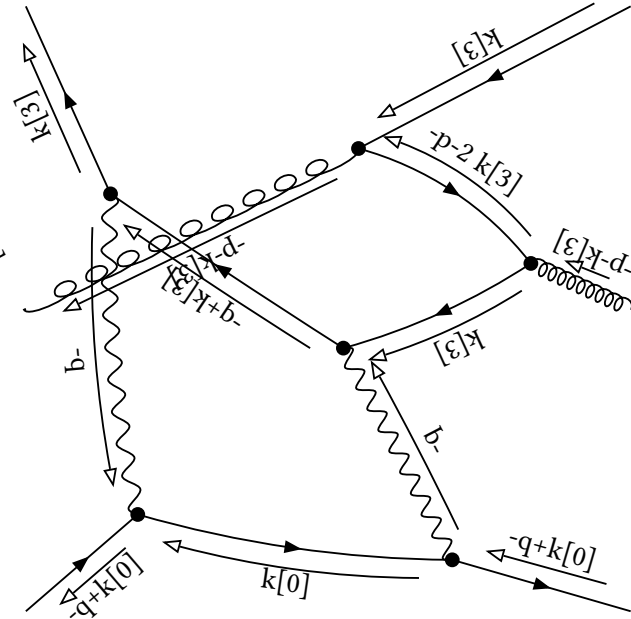
$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,-p-k[3]]^{-1} \text{prop}[0,-p-2k[3]]^{-1}$$



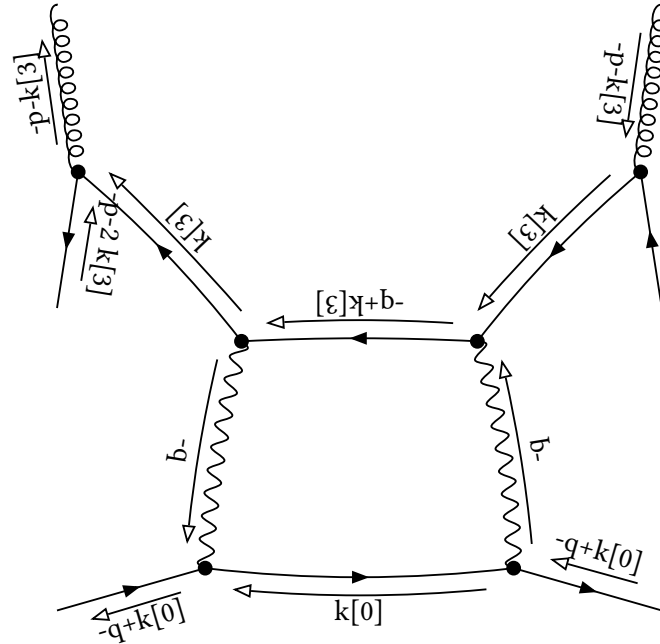
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:1,=1 \\ 11:1,13:0,15:1,17:0,=2$$



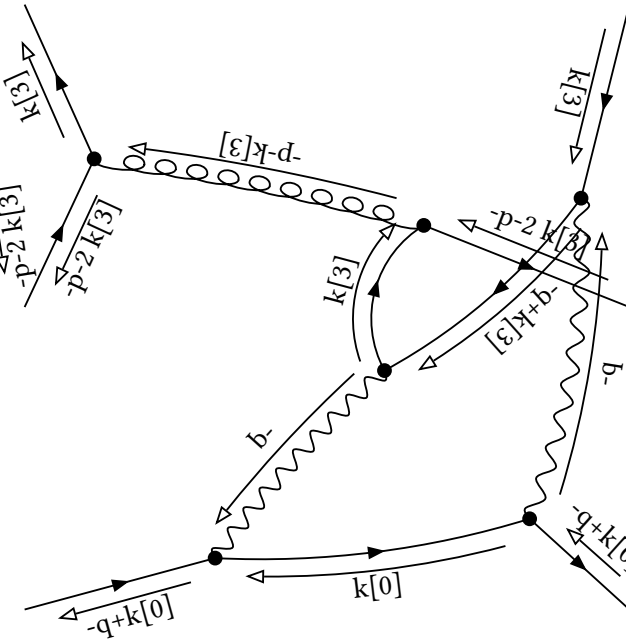
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:0,=1 \\ 11:0,13:2,15:0,17:0,=2$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:1,=1 \\ 11:1,13:1,15:0,17:0,=2$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:-1,11:2,=1 \\ 11:2,13:0,15:0,17:0,=2$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:0,=1 \\ 11:0,13:0,15:2,17:0,=2$$

embedding 29 [1, 1, 2, 1] with multiplicity 1

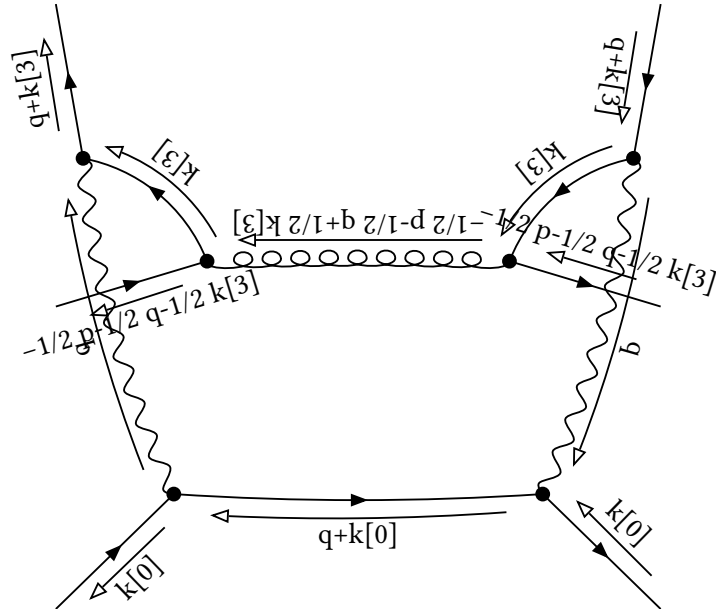
initial

Denominator:

$$1/16 \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q+1/2 k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q-1/2 k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/8 (-\text{dot}[p, p] - 2 \text{dot}[p, q] - \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q+1/2 k[3]]^{-1} \\ & -1/8 (-\text{dot}[p, p] - 2 \text{dot}[p, q] - \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q-1/2 k[3]]^{-1} \\ & +1/16 (-\text{dot}[p, p] - 2 \text{dot}[p, q] - \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q+1/2 k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q-1/2 k[3]]^{-1} \\ & -1/8 (-\text{dot}[p, p] - 2 \text{dot}[p, q] - \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q+1/2 k[3]]^{-1} \\ & -1/8 (-\text{dot}[p, p] - 2 \text{dot}[p, q] - \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -1/2 p-1/2 q-1/2 k[3]]^{-1} \end{aligned}$$



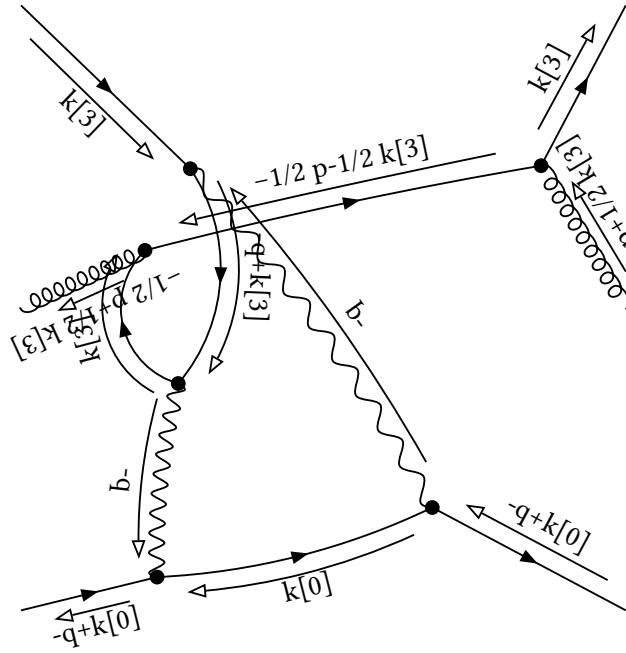
$$0:0,2:1,=1 \quad 0:0,5:0,7:0,17:1,=1 \quad 8:2,11:0,=2$$

$$11:0,13:0,15:0,17:1,=1$$

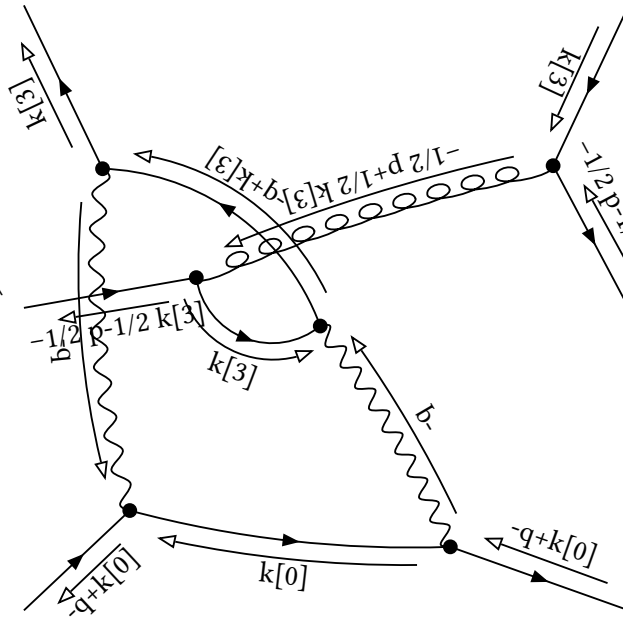
final

Denominator:

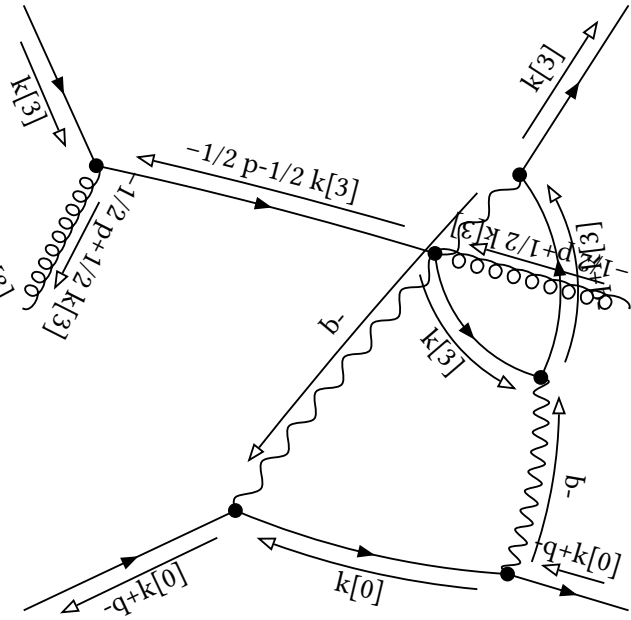
$$1/16 \text{ prop}[0, k[3]]^{-2} \text{ prop}[0, -q+k[3]]^{-1} \text{ prop}[0, -1/2 p+1/2 k[3]]^{-1} \text{ prop}[0, -1/2 p-1/2 k[3]]^{-1}$$



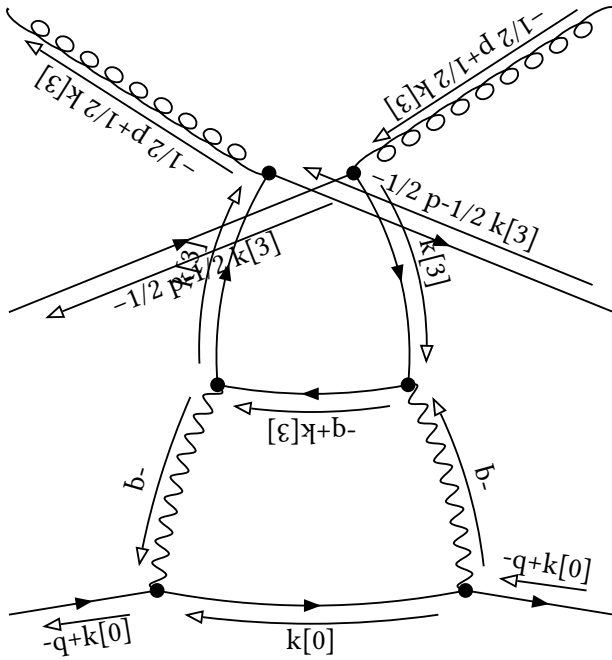
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:2,=2 \\ 11:2,13:0,15:-1,17:0,=1$$



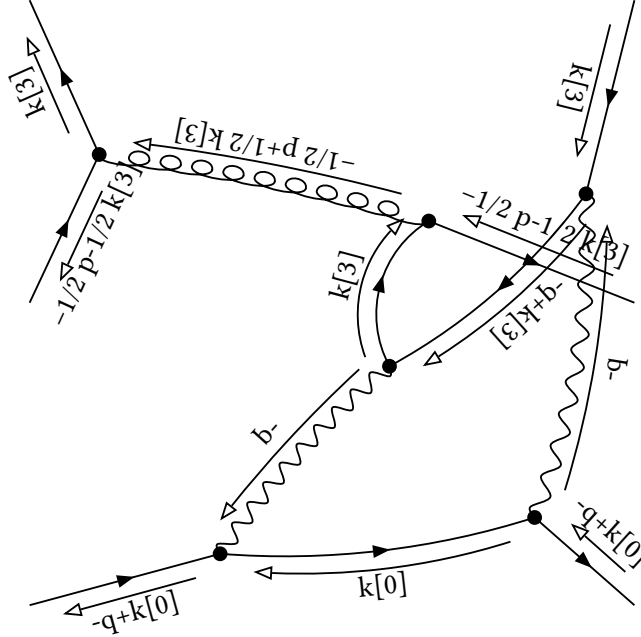
$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:2,11:0,=2 \\ 11:0,13:1,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:0,11:2,=2 \quad 11:2,13: \\ -1,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:1,11:1,=2 \\ 11:1,13:0,15:0,17:0,=1$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:0,=1 \quad 8:2,11:0,=2 \\ 11:0,13:0,15:1,17:0,=1$$

embedding 30 [1, 2, -1, 0] with multiplicity 1

initial

Denominator:

0

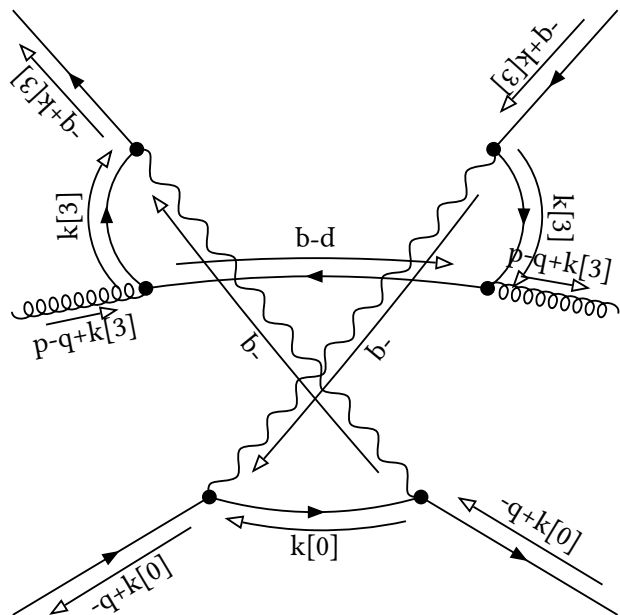
Partial Fractioned Denominator:

0

final

Denominator:

$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,p-q]^{-1} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,p-q+k[3]]^{-1}$$



$$\begin{aligned} &0:1,2:0,=1 \quad 0:1,5:0,7:0,17:1,=2 \quad 8:0,11:-1,=-1 \quad 11: \\ &-1,13:0,15:0,17:1,=0 \end{aligned}$$

embedding 31 [1, 2, -1, 1] with multiplicity 1

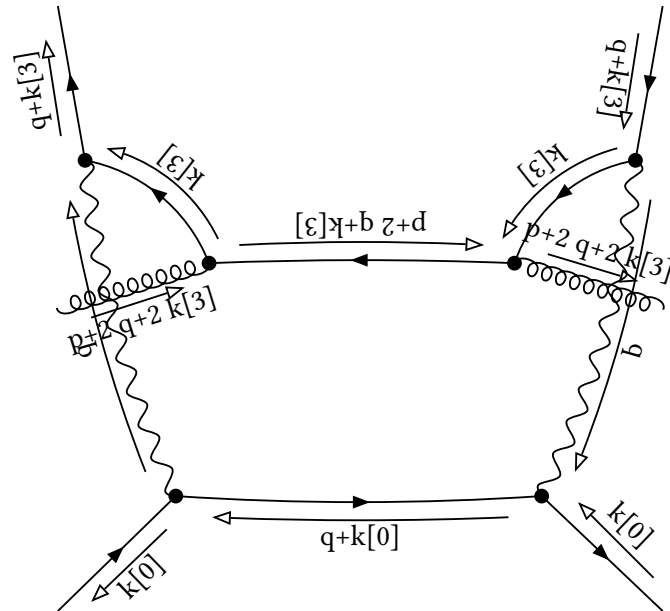
initial

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 \ q+k[3]]^{-1} \text{prop}[0, p+2 \ q+2 \ k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/2 \ (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 \ q+k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 \ q+2 \ k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 \ q+k[3]]^{-1} \text{prop}[0, p+2 \ q+2 \ k[3]]^{-1} \\ & - 1/2 \ (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 \ q+k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, p+2 \ q+2 \ k[3]]^{-1} \end{aligned}$$

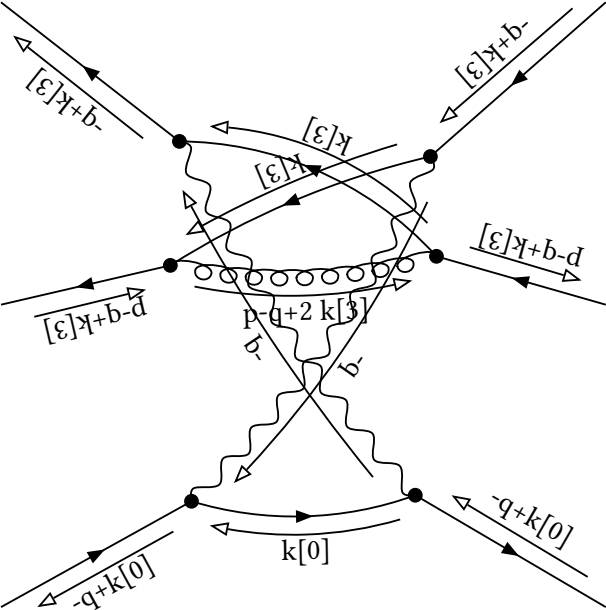


$$\begin{aligned} & 0:0,2:1,=1 \ 0:0,5:0,7:0,17:2,=2 \ 8:0,11:-1,=-1 \ 11: \\ & -1,13:0,15:0,17:2,=1 \end{aligned}$$

final

Denominator:

$\text{prop}[0,k[3]]^{-2} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,p-q+k[3]]^{-1} \text{prop}[0,p-q+2 \ k[3]]^{-1}$



$0:1,2:0,=1$ $0:1,5:0,7:0,17:1,=2$ $8:-1,11:0,=-1$
 $11:0,13:0,15:0,17:1,=1$

embedding 32 [1, 2, 0, 1] with multiplicity 1

initial

Denominator:

0

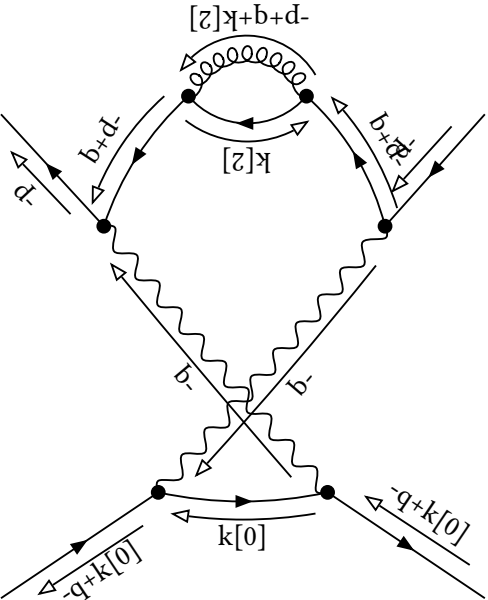
Partial Fractioned Denominator:

0

final

Denominator:

$\text{prop}[0,k[2]]^{-1} \text{prop}[0,-p]^{-1} \text{prop}[0,-p+q]^{-2} \text{prop}[0,-p+q+k[2]]^{-1}$



$0:1,2:0,=1$ $0:1,5:0,7:0,17:1,=2$ $8:0,11:0,=0$
 $11:0,13:0,15:0,17:1,=1$

embedding 33 [1, 2, 1, 1] with multiplicity 1

initial

Denominator:

0

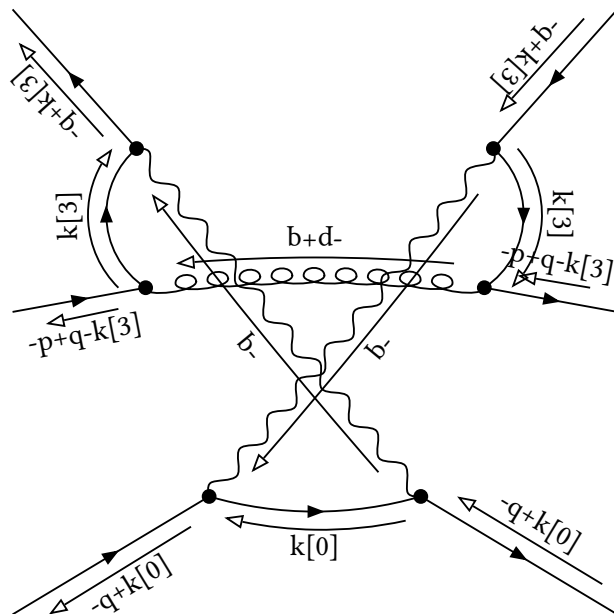
Partial Fractioned Denominator:

0

final

Denominator:

$$\text{prop}[0,k[3]]^{-2} \text{prop}[0,-p+q]^{-1} \text{prop}[0,-q+k[3]]^{-1} \text{prop}[0,-p+q-k[3]]^{-1}$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:1,=2 \quad 8:1,11:0,=1$$

$$11:0,13:0,15:0,17:1,=1$$

embedding 34 [1, 2, 1, 2] with multiplicity 1

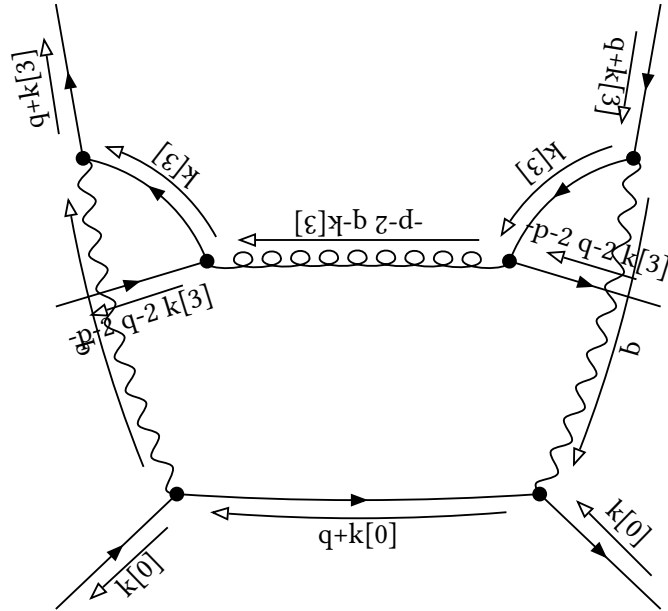
initial

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 \ q-k[3]]^{-1} \text{prop}[0, -p-2 \ q-2 \ k[3]]^{-1}$$

Partial Fractioned Denominator:

$$\begin{aligned} & -1/2 \ (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 \ q-k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-2} \text{prop}[0, k[3]]^{-1} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 \ q-2 \ k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 \ q-k[3]]^{-1} \text{prop}[0, -p-2 \ q-2 \ k[3]]^{-1} \\ & -1/2 \ (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 \ q-k[3]]^{-1} \\ & + (1/2 \ \text{dot}[p, p] + 2 \ \text{dot}[p, q] + 2 \ \text{dot}[q, q])^{-1} \text{prop}[0, k[3]]^{-2} \text{prop}[0, q+k[3]]^{-1} \text{prop}[0, -p-2 \ q-2 \ k[3]]^{-1} \end{aligned}$$



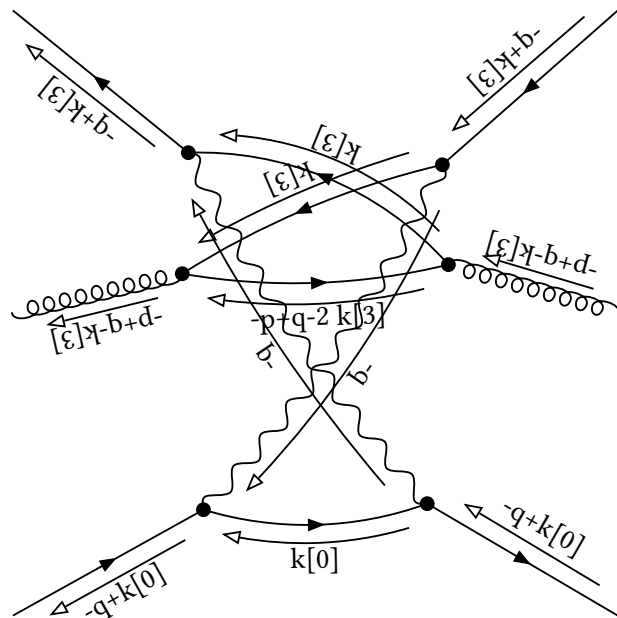
$$0:0,2:1,=1 \ 0:0,5:0,7:0,17:2,=2 \ 8:1,11:0,=1$$

$$11:0,13:0,15:0,17:2,=2$$

final

Denominator:

$$\text{prop}[0, k[3]]^{-2} \text{prop}[0, -q+k[3]]^{-1} \text{prop}[0, -p+q-k[3]]^{-1} \text{prop}[0, -p+q-2 k[3]]^{-1}$$



$$0:1,2:0,=1 \quad 0:1,5:0,7:0,17:1,=2 \quad 8:0,11:1,=1$$

$$11:1,13:0,15:0,17:1,=2$$

