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

initial

Denominator:

```
0
```

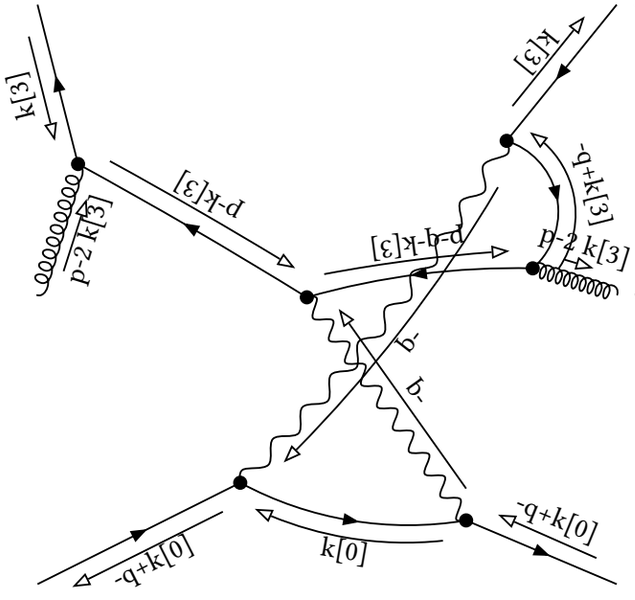
Partial Fractioned Denominator:

```
0
```

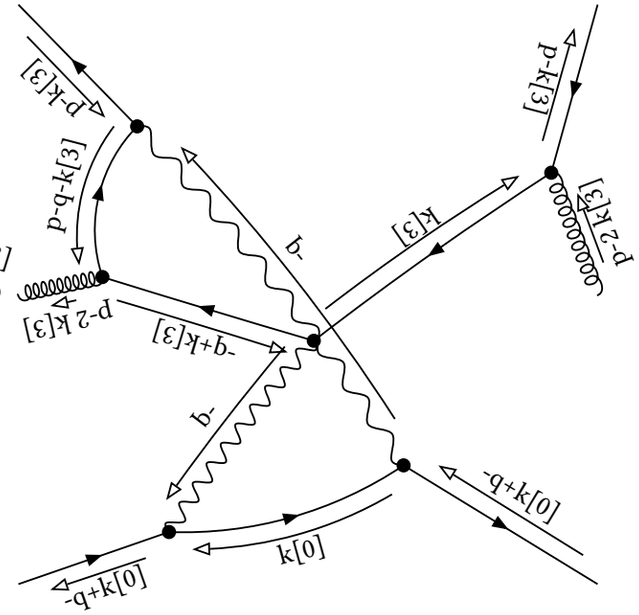
final

Denominator:

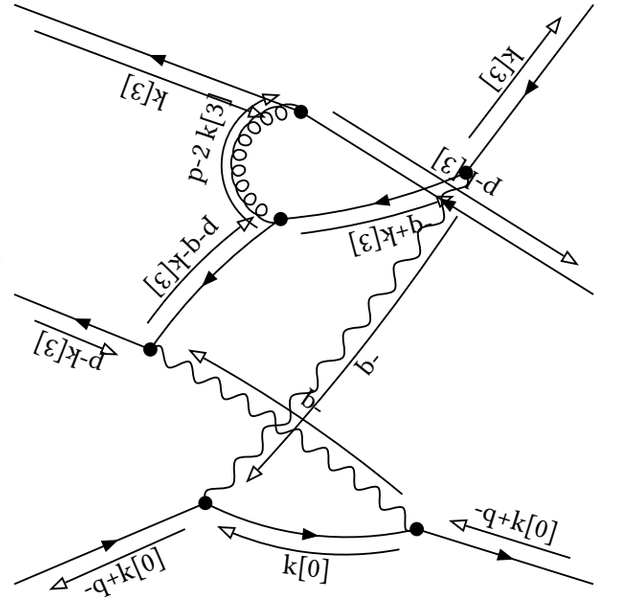
```
prop[0,k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p-2 k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,p-q-k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−2,=-2 9:1,12:
−2,16:0,=-1 10:0,12:−2,14:0,16:0,=-2



0:1,2:0,=1 2:0,4:0,6:0,10:−2,12:0,=-2 9:
−1,12:0,16:0,=-1 10:−2,12:0,14:0,16:0,=-2



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:−1,=-2 9:0,12:
−1,16:0,=-1 10:−1,12:−1,14:0,16:0,=-2

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

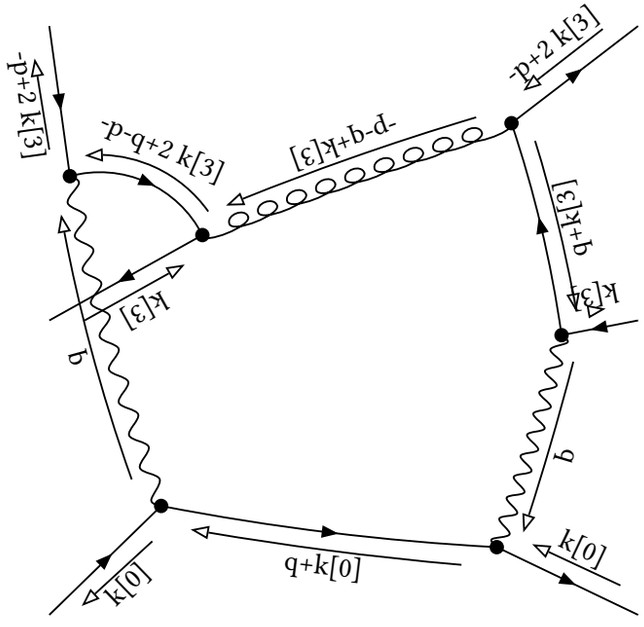
initial

Denominator:

```
prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-q+k[3]]^-1 prop[0,-p-q+2 k[3]]^-1
```

Partial Fractioned Denominator:

```
1/2 (dot[p,q]+3/2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1
  -1/2 (dot[p,q]+3/2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q+2 k[3]]^-1
  +(dot[p,q]+3/2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-q+2 k[3]]^-1
  -(dot[p,q]+3/2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-q+2 k[3]]^-1
  -1/2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1
  +1/4 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q+k[3]]^-1
  -1/2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-
q+k[3]]^-1
  +(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-q+2
k[3]]^-1
  -1/2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p-q+k[3]]^-1 prop[0,-p-q+2
k[3]]^-1
  +(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-q+k[3]]^-1 prop[0,-p-q+2
k[3]]^-1
```

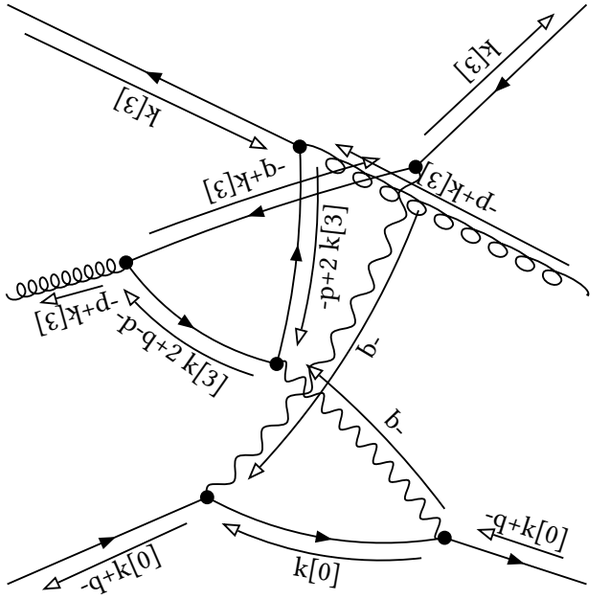


0:0,2:1,=1 2:1,4:0,6:0,10:0,12:−2,=-1 9:0,12:
−2,16:0,=-2 10:0,12:−2,14:1,16:0,=-1

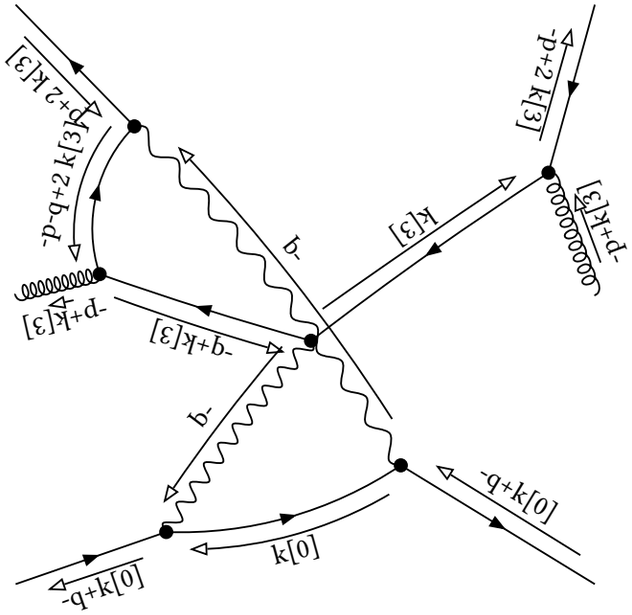
final

Denominator:

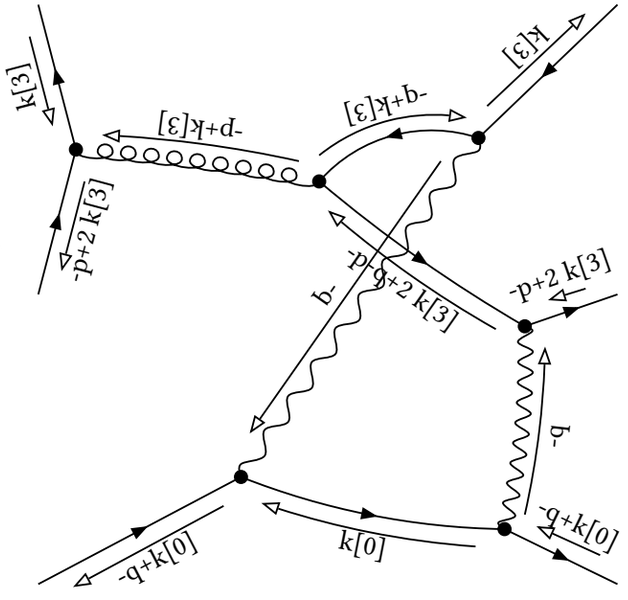
```
prop[0,k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p-q+2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−1,=-1 9:−1,12:−1,16:0,=-2 10:0,12:−1,14:0,16:0,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:0,=-1 9:−2,12:0,16:0,=-2 10:−1,12:0,14:0,16:0,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:1,12:−2,=-1 9:0,12:−2,16:0,=-2 10:1,12:−2,14:0,16:0,=-1

embedding 3 [1, −1, −1, −2] with multiplicity 2

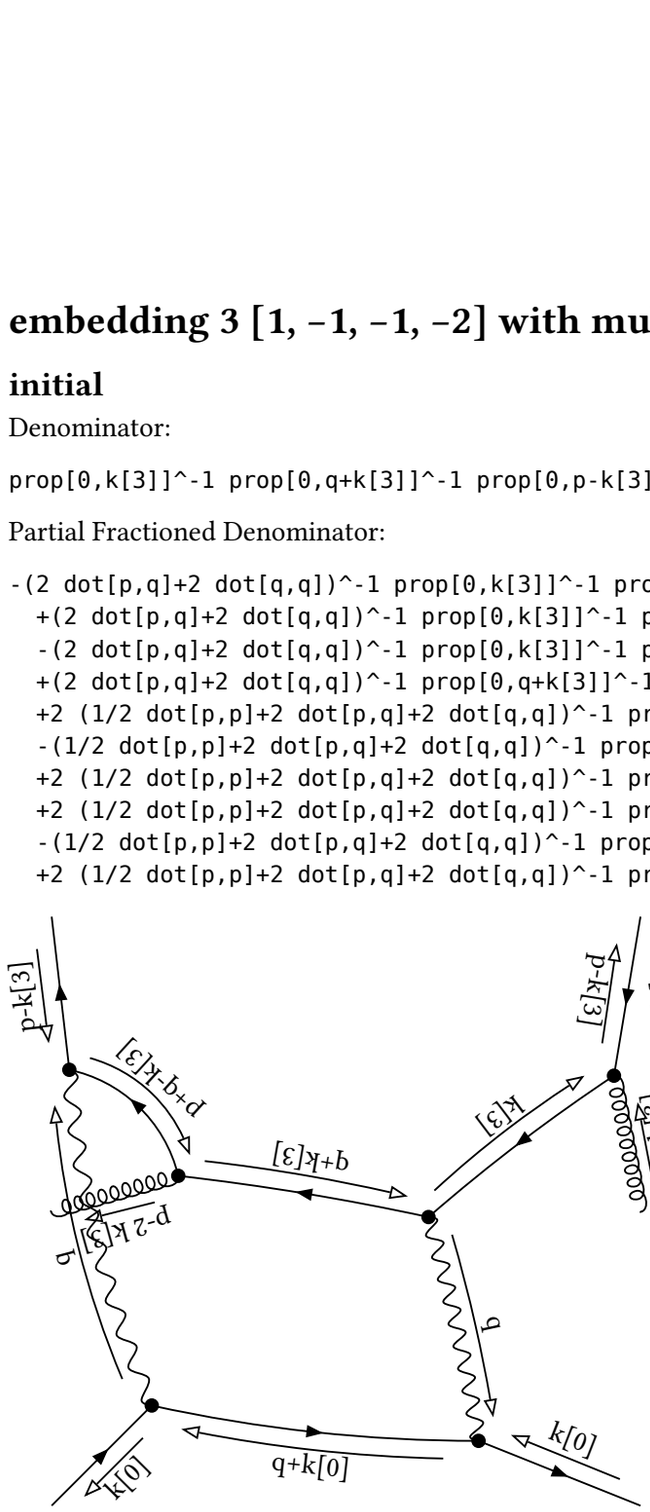
initial

Denominator:

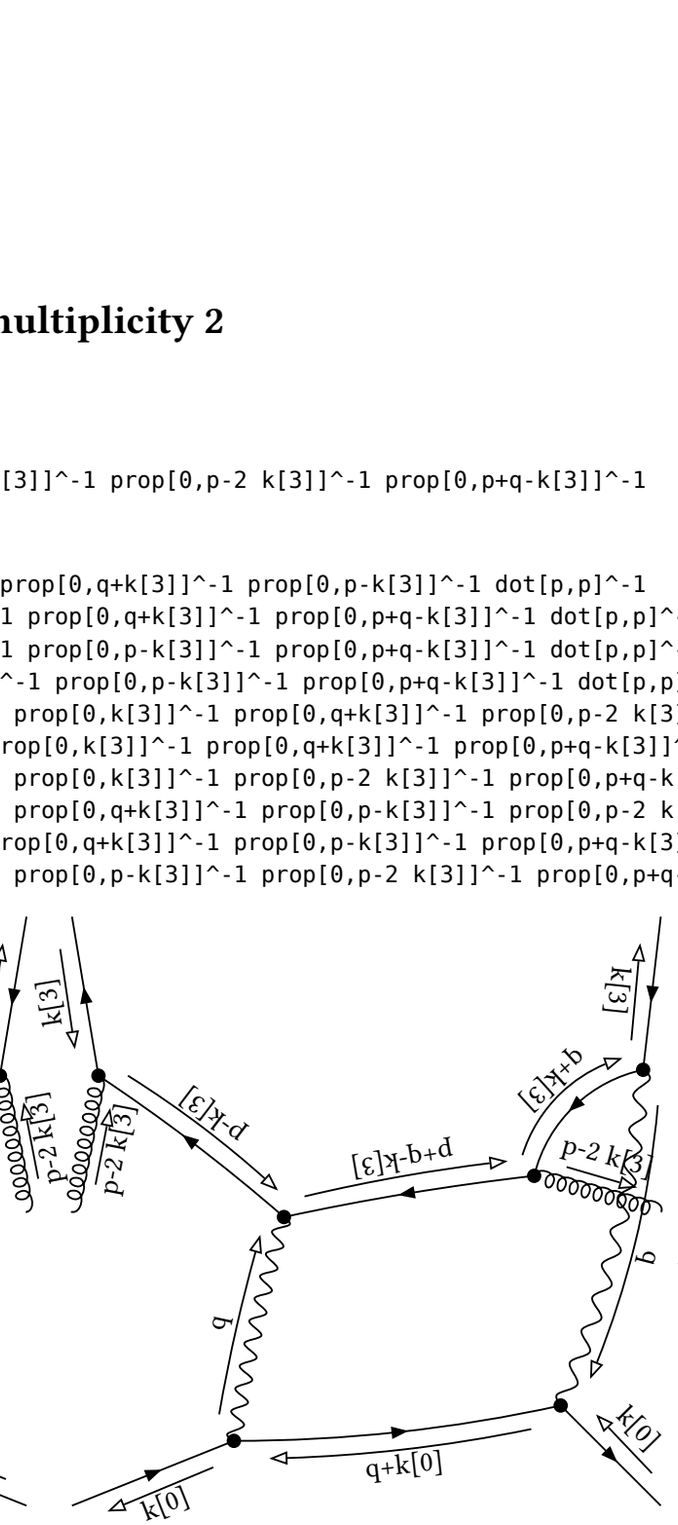
```
prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p-2 k[3]]^-1 prop[0,p+q-k[3]]^-1
```

Partial Fractioned Denominator:

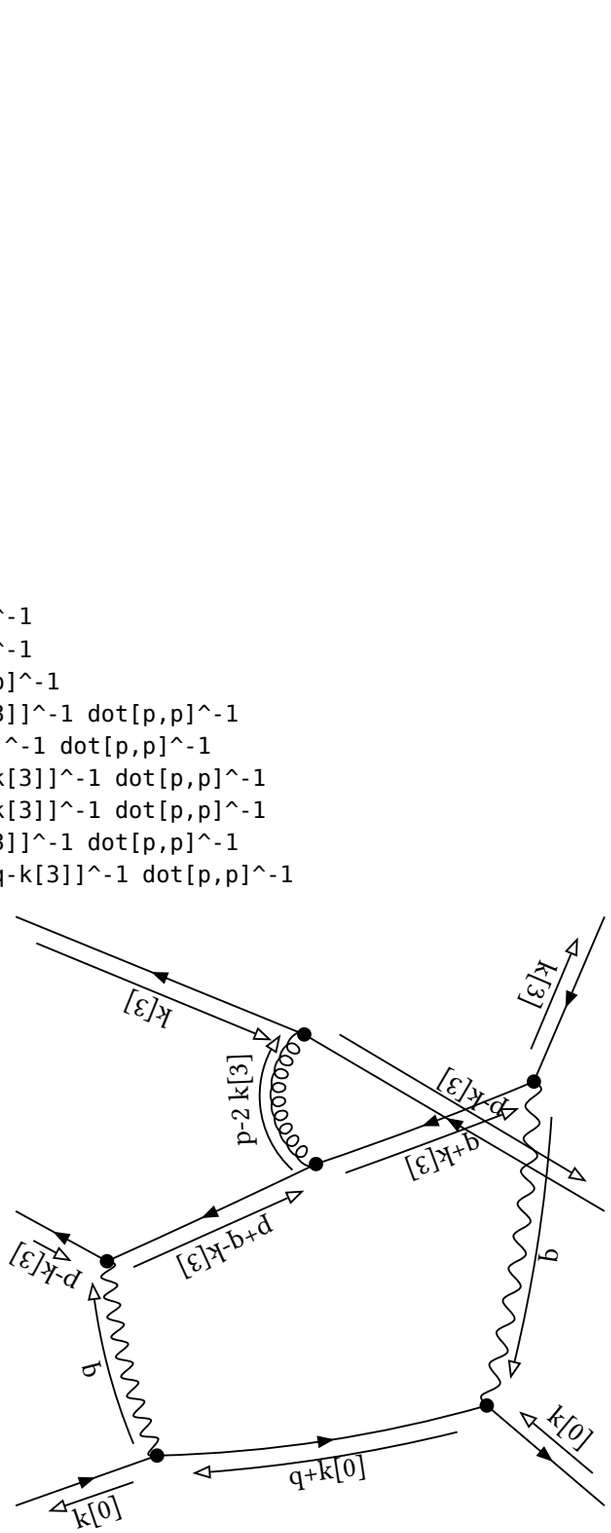
```
-(2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 dot[p,p]^-1
  +(2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
  -(2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
  +(2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p-2 k[3]]^-1 dot[p,p]^-1
  -(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,p-2 k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p-2 k[3]]^-1 dot[p,p]^-1
  -(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,p-k[3]]^-1 prop[0,p-2 k[3]]^-1 prop[0,p+q-k[3]]^-1 dot[p,p]^-1
```



0:0,2:1,=1 2:1,4:0,6:0,10:−2,12:0,=-1 9:
−1,12:0,16:0,=-1 10:−2,12:0,14:0,16:0,=-2



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:−2,=-1 9:1,12:
−2,16:0,=-1 10:0,12:−2,14:0,16:0,=-2

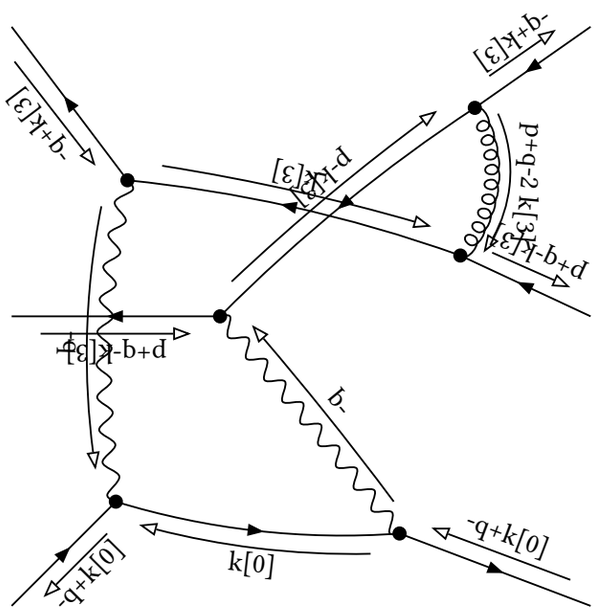


0:0,2:1,=1 2:1,4:0,6:0,10:−1,12:−1,=-1 9:0,12:
−1,16:0,=-1 10:−1,12:−1,14:0,16:0,=-2

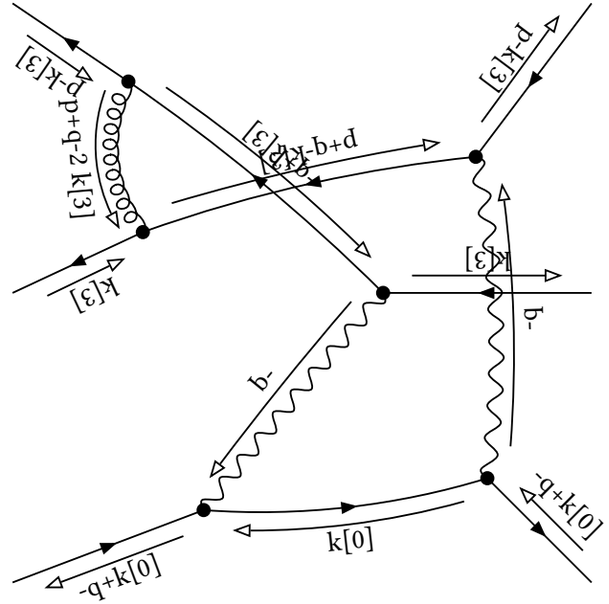
final

Denominator:

```
prop[0,k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,p+q-k[3]]^-1 prop[0,p+q-2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:0,=-1 9:0,12:0,16:
−1,=-1 10:−1,12:0,14:0,16:−1,=-2



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−1,=-1 9:0,12:
−1,16:0,=-1 10:0,12:−1,14:−1,16:0,=-2

embedding 4 [1, −1, −1, −1] with multiplicity 2

initial

Denominator:

```
0
```

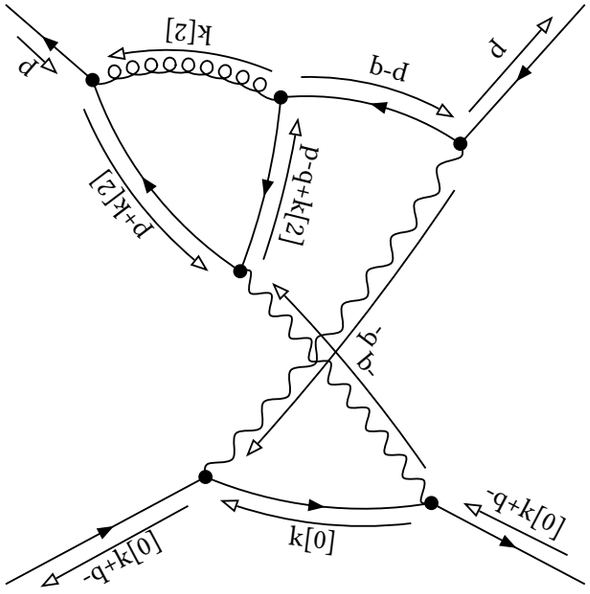
Partial Fractioned Denominator:

```
0
```

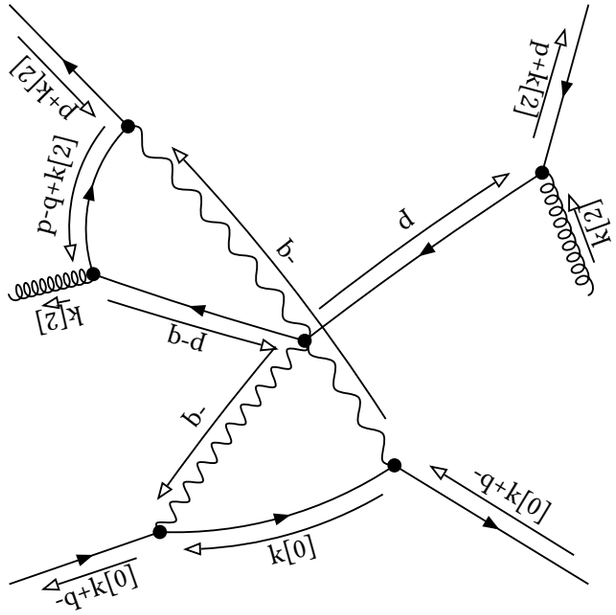
final

Denominator:

```
prop[0,p]^-1 prop[0,k[2]]^-1 prop[0,p+k[2]]^-1 prop[0,p-q]^-1 prop[0,p-q+k[2]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−1,=-1 9:0,12:
−1,16:0,=-1 10:0,12:−1,14:0,16:0,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:0,=-1 9:
−1,12:0,16:0,=-1 10:−1,12:0,14:0,16:0,=-1

embedding 5 [1, −1, −1, 0] with multiplicity 2

initial

Denominator:

```
0
```

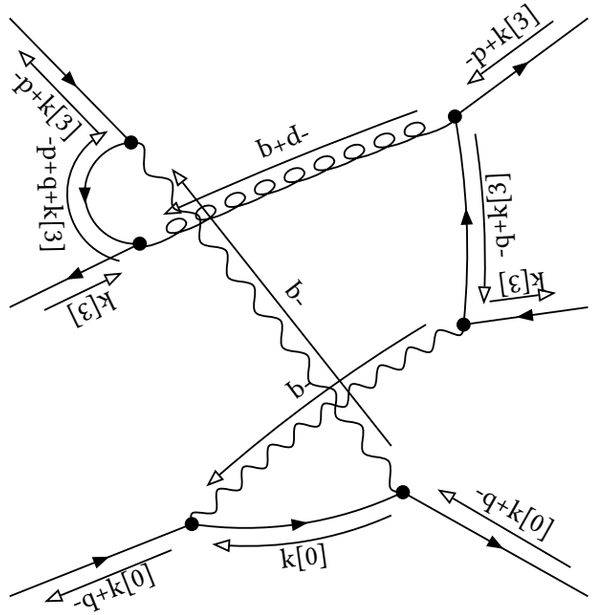
Partial Fractioned Denominator:

```
0
```

final

Denominator:

```
prop[0,k[3]]^-1 prop[0,-p+q]^-1 prop[0,-p+k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-p+q+k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−1,=-1 9:0,12:
−1,16:0,=-1 10:0,12:−1,14:1,16:0,=0

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

initial

Denominator:

```
0
```

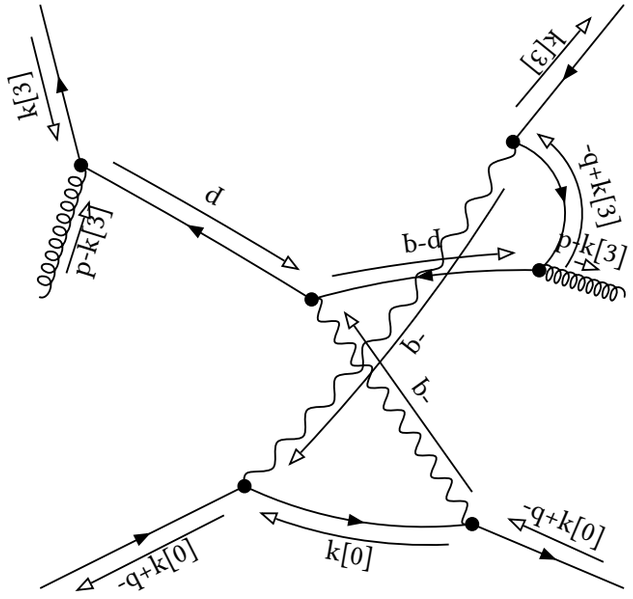
Partial Fractioned Denominator:

```
0
```

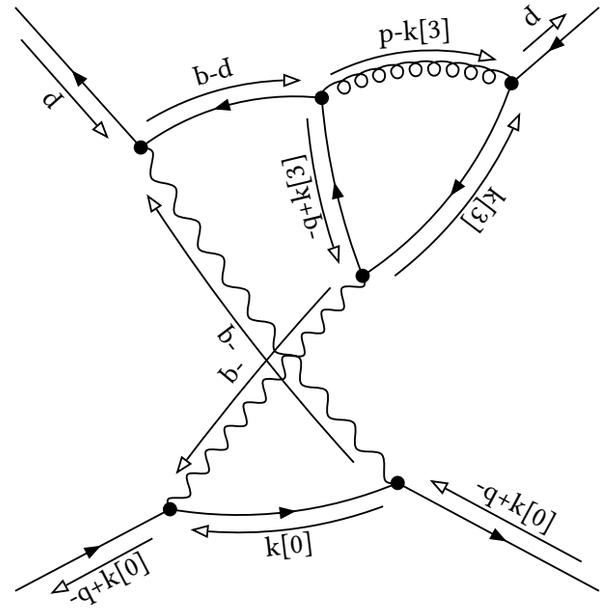
final

Denominator:

```
prop[0,p]^-1 prop[0,k[3]]^-1 prop[0,p-q]^-1 prop[0,p-k[3]]^-1 prop[0,-q+k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−1,=-1 9:1,12:−1,16:0,=0 10:0,12:−1,14:0,16:0,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:0,=-1 9:0,12:0,16:0,=0 10:−1,12:0,14:0,16:0,=-1

embedding 7 [1, −1, 1, −1] with multiplicity 2

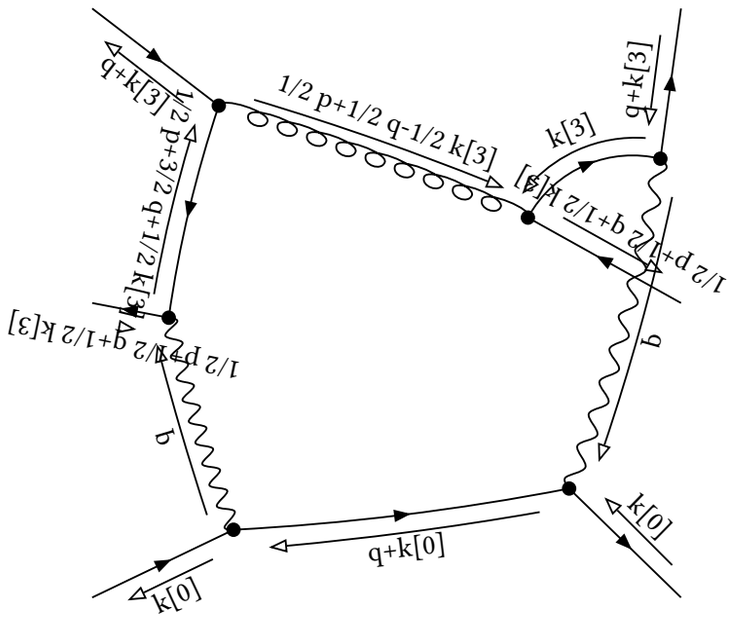
initial

Denominator:

```
1/16 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,1/2 p+1/2 q-1/2 k[3]]^-1 prop[0,1/2 p+3/2 q+1/2 k[3]]^-1
```

Partial Fractioned Denominator:

```
1/4 (-2 dot[p,q]-3 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1
  -1/4 (-2 dot[p,q]-3 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+3/2 q+1/2 k[3]]^-1
  -1/8 (-2 dot[p,q]-3 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,1/2 p+3/2 q+1/2
k[3]]^-1
  +1/8 (-2 dot[p,q]-3 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,1/2 p+3/2 q+1/2
k[3]]^-1
  +1/4 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+1/2 q-1/2
k[3]]^-1
  +1/4 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+3/2 q+1/2
k[3]]^-1
  -1/8 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,1/2 p+1/2 q-1/2 k[3]]^-1 prop[0,1/2
p+3/2 q+1/2 k[3]]^-1
  -1/8 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,1/2
p+1/2 q-1/2 k[3]]^-1
  -1/8 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,1/2
p+3/2 q+1/2 k[3]]^-1
  +1/16 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,1/2 p+1/2 q-1/2
k[3]]^-1 prop[0,1/2 p+3/2 q+1/2 k[3]]^-1
```

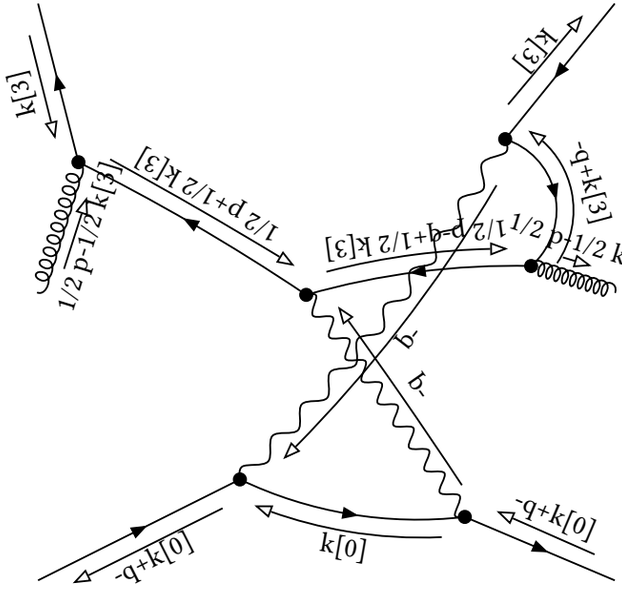


0:0,2:1,=1 2:1,4:0,6:0,10:−2,12:0,=-1 9:0,12:0,16:1,=1
10:−2,12:0,14:0,16:1,=-1

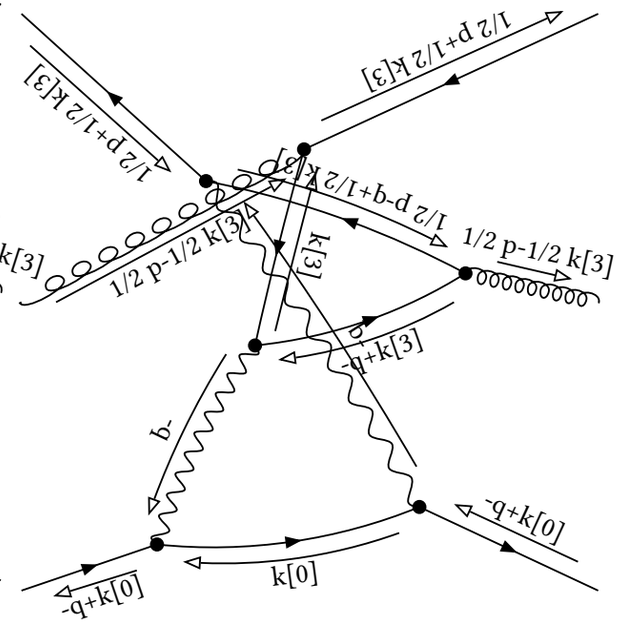
final

Denominator:

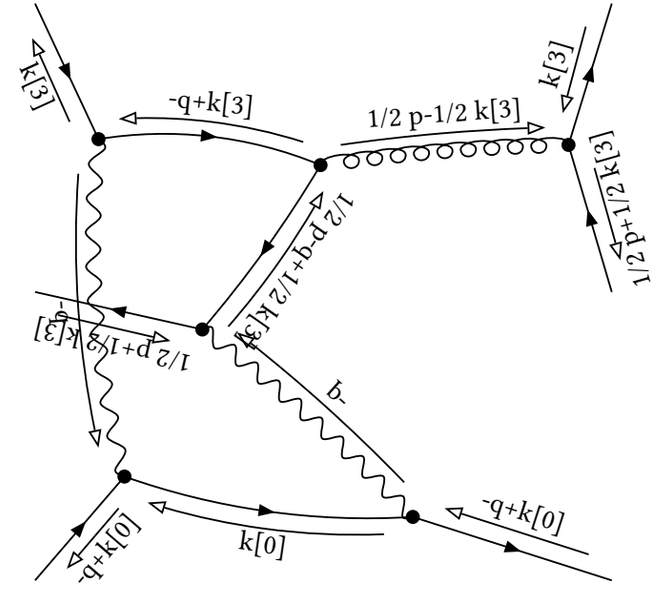
```
1/16 prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,1/2 p+1/2 k[3]]^-1 prop[0,1/2 p-1/2 k[3]]^-1 prop[0,1/2 p-q+1/2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:−1,=-1 9:2,12:−1,16:0,=1 10:0,12:−1,14:0,16:0,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:0,=-1 9:1,12:0,16:0,=1 10:−1,12:0,14:0,16:0,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:−2,12:1,=-1 9:0,12:1,16:0,=1 10:−2,12:1,14:0,16:0,=-1

embedding 8 [1, −1, 1, 0] with multiplicity 2

initial

Denominator:

```
0
```

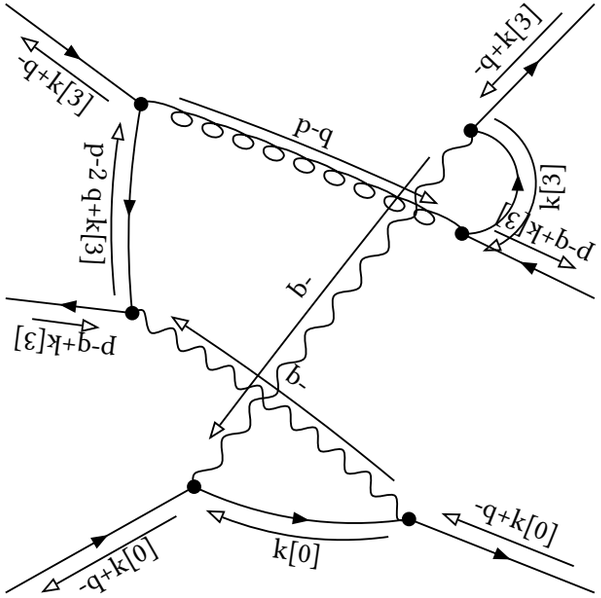
Partial Fractioned Denominator:

```
0
```

final

Denominator:

```
prop[0,k[3]]^-1 prop[0,p-q]^-1 prop[0,-q+k[3]]^-1 prop[0,p-q+k[3]]^-1 prop[0,p-2 q+k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:0,=-1 9:0,12:0,16:1,=1
10:−1,12:0,14:0,16:1,=0

embedding 9 [1, 0, −2, −1] with multiplicity 2

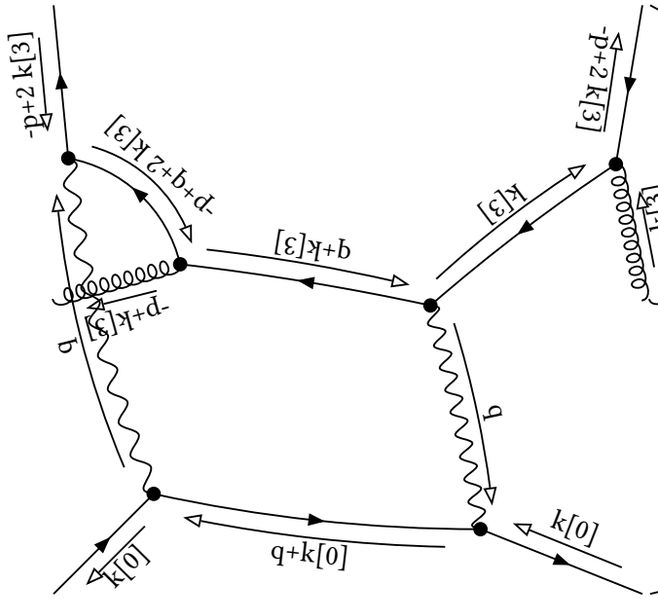
initial

Denominator:

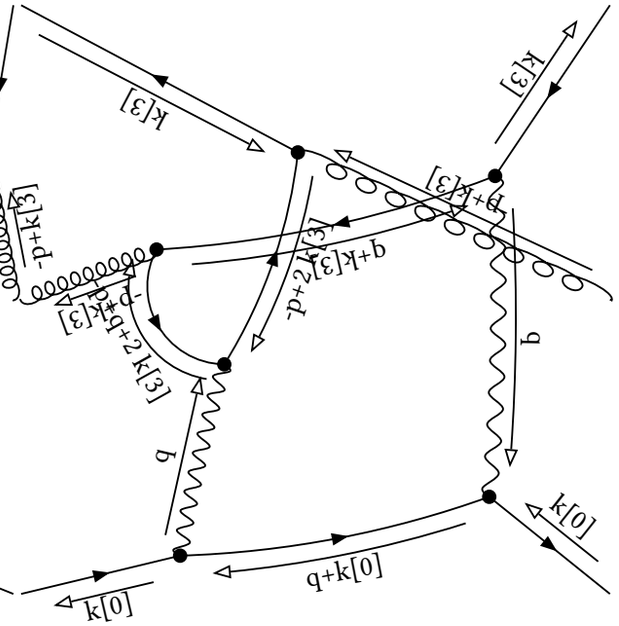
```
prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p+q+2 k[3]]^-1
```

Partial Fractioned Denominator:

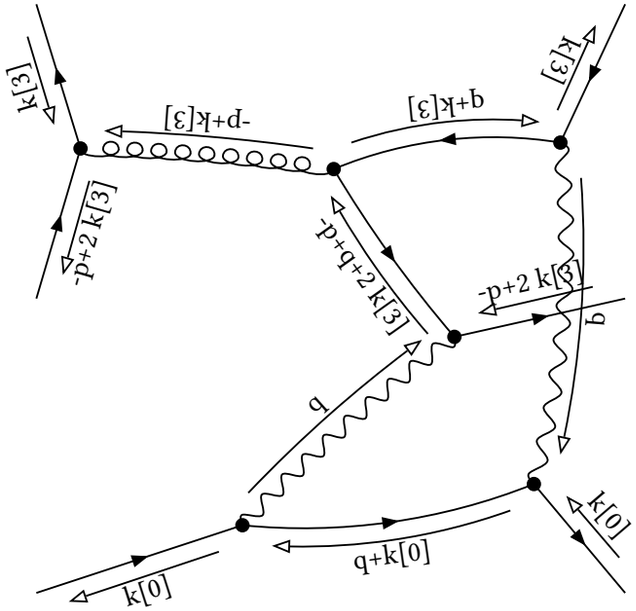
```
-(dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 dot[p,p]^-1
  +(dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
  +2 (dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
  -2 (dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
  +1/2 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 dot[p,p]^-1
  -(1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
  -(1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
  -(1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p+2 k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,-p+k[3]]^-1 prop[0,-p+2 k[3]]^-1 prop[0,-p+q+2 k[3]]^-1 dot[p,p]^-1
```



0:0,2:1,=1 2:1,4:0,6:0,10:−1,12:0,=0 9:
−2,12:0,16:0,=-2 10:−1,12:0,14:0,16:0,=-1



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:−1,=0 9:−1,12:
−1,16:0,=-2 10:0,12:−1,14:0,16:0,=-1

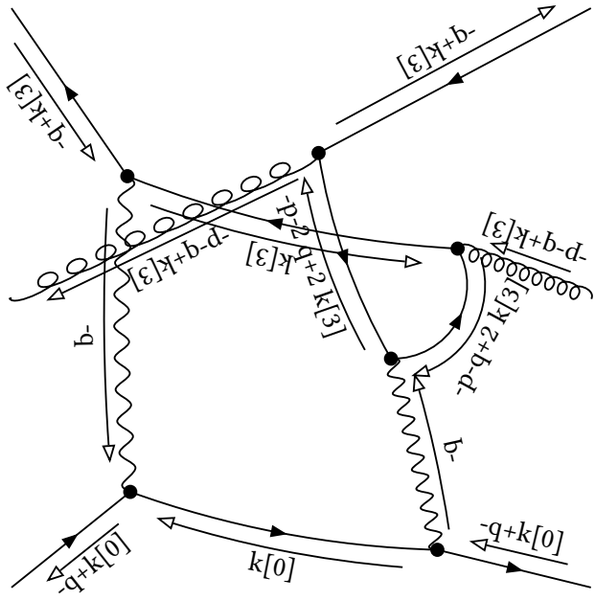


0:0,2:1,=1 2:1,4:0,6:0,10:1,12:−2,=0 9:0,12:
−2,16:0,=-2 10:1,12:−2,14:0,16:0,=-1

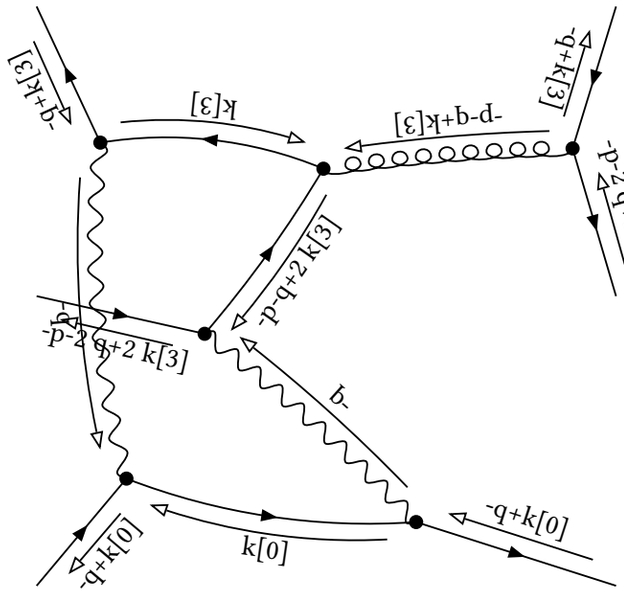
final

Denominator:

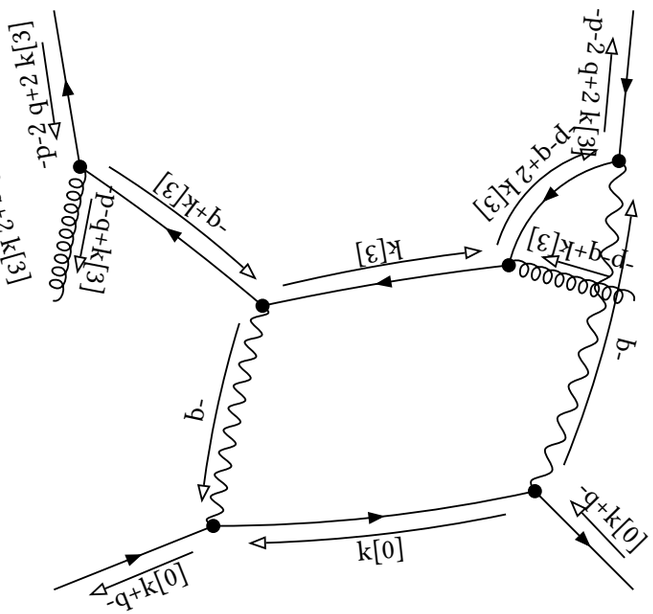
```
prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-p-q+k[3]]^-1 prop[0,-p-q+2 k[3]]^-1 prop[0,-p-2 q+2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−1,12:0,16:−1,=-2 10:0,12:0,14:0,16:−1,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:−2,=-2 10:0,12:0,14:1,16:−2,=-1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−2,12:0,16:0,=-2 10:0,12:0,14:−1,16:0,=-1

embedding 10 [1, 0, −1, −1] with multiplicity 2

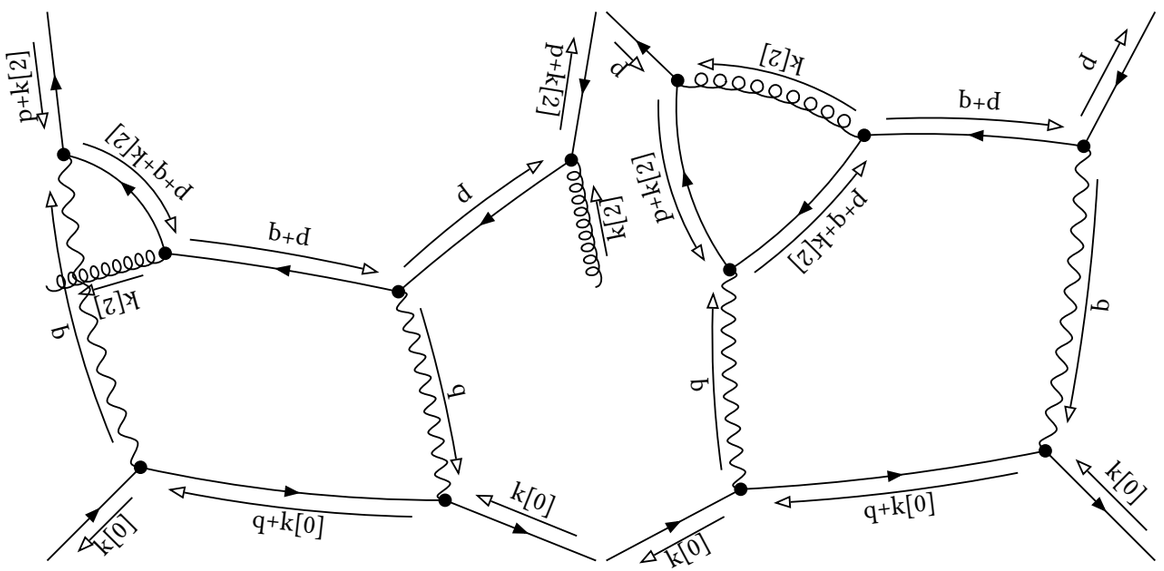
initial

Denominator:

```
prop[0,p]^-1 prop[0,k[2]]^-1 prop[0,p+q]^-1 prop[0,p+k[2]]^-1 prop[0,p+q+k[2]]^-1
```

Partial Fractioned Denominator:

```
(dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[2]]^-1 prop[0,p+k[2]]^-1 prop[0,p+q+k[2]]^-1 dot[p,p]^-1
```



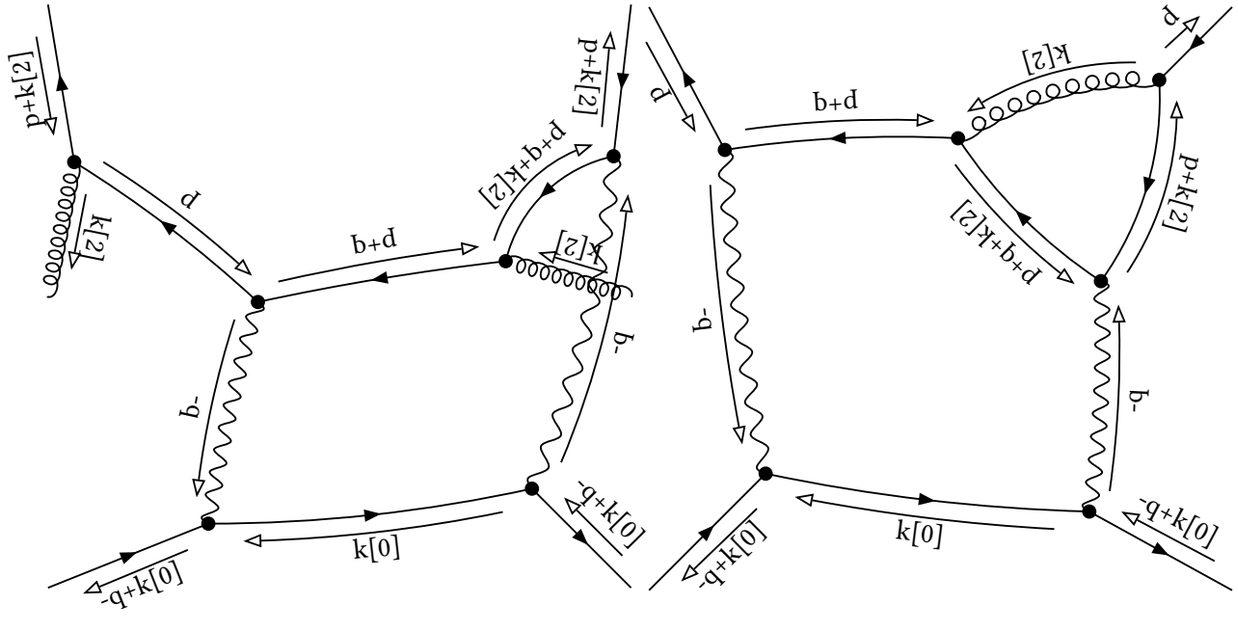
0:0,2:1,=1 2:1,4:0,6:0,10:−1,12:0,=0 9:
−1,12:0,16:0,=-1 10:−1,12:0,14:0,16:0,=-1

0:0,2:1,=1 2:1,4:0,6:0,10:0,12:−1,=0 9:0,12:
−1,16:0,=-1 10:0,12:−1,14:0,16:0,=-1

final

Denominator:

```
prop[0,p]^-1 prop[0,k[2]]^-1 prop[0,p+q]^-1 prop[0,p+k[2]]^-1 prop[0,p+q+k[2]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−1,12:0,16:0,=-1
10:0,12:0,14:−1,16:0,=-1

0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:−1,=-1
10:0,12:0,14:0,16:−1,=-1

embedding 11 [1, 0, −1, 0] with multiplicity 2

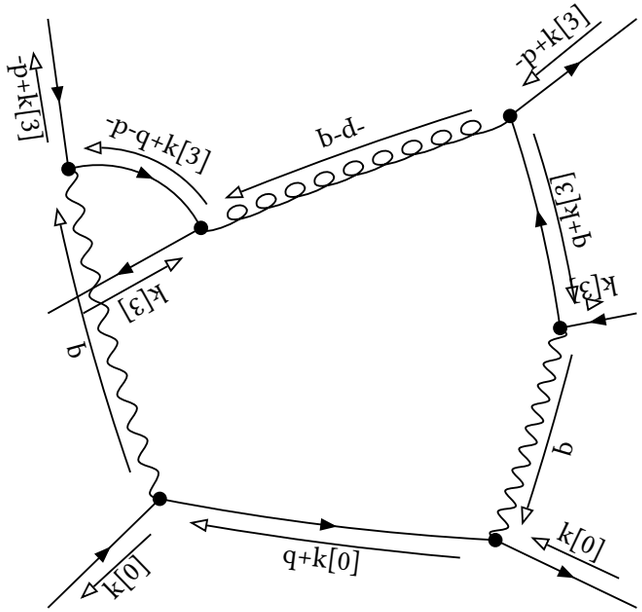
initial

Denominator:

```
prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p-q]^-1 prop[0,-p-q+k[3]]^-1
```

Partial Fractioned Denominator:

```
(2 dot[p,q]+2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1
  -(2 dot[p,q]+2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q+k[3]]^-1
  +(2 dot[p,q]+2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p-q+k[3]]^-1
  -(2 dot[p,q]+2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p-q+k[3]]^-1
```

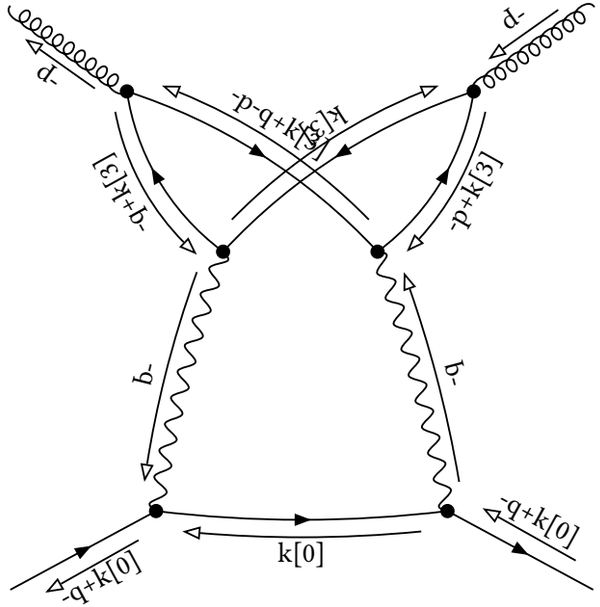


0:0,2:1,=1 2:1,4:0,6:0,10:0,12:−1,=0 9:0,12:
−1,16:0,=-1 10:0,12:−1,14:1,16:0,=0

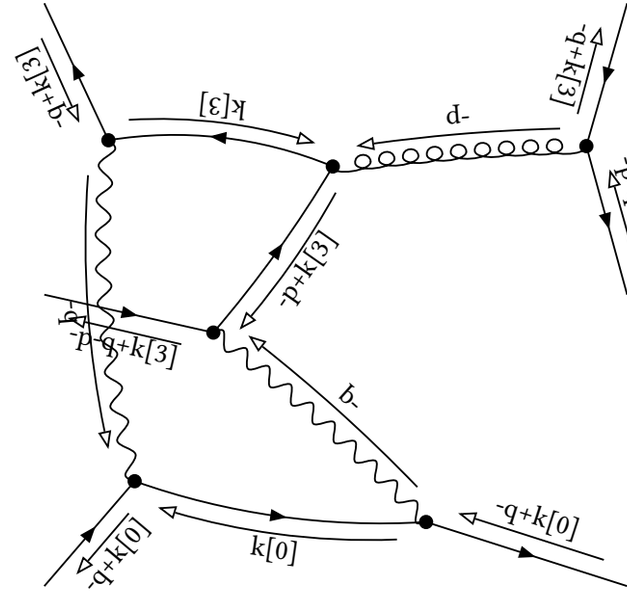
final

Denominator:

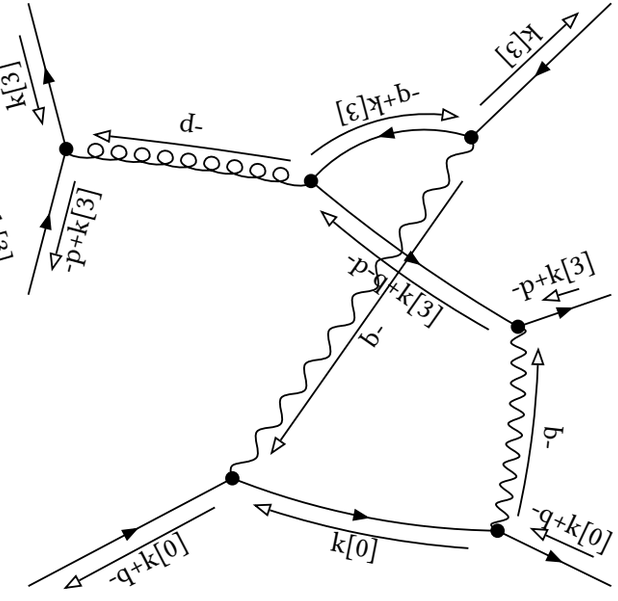
```
prop[0,k[3]]^-1 prop[0,-p]^-1 prop[0,-p+k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-p-q+k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−1,12:0,16:0,=-1
10:0,12:0,14:0,16:0,=0



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:−1,=-1
10:0,12:0,14:1,16:−1,=0



0:1,2:0,=1 2:0,4:0,6:0,10:1,12:−1,=0 9:0,12:
−1,16:0,=-1 10:1,12:−1,14:0,16:0,=0

embedding 12 [1, 0, −1, 1] with multiplicity 2

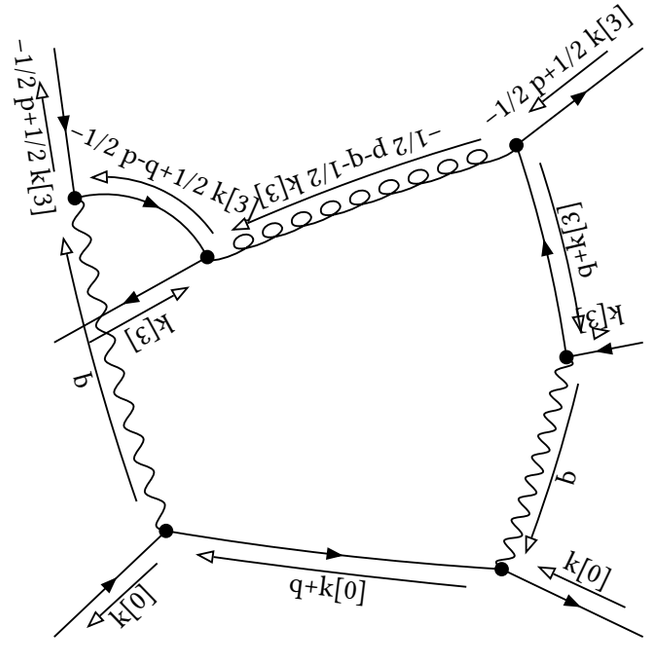
initial

Denominator:

```
1/16 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-q+1/2 k[3]]^-1 prop[0,-1/2 p-q-1/2 k[3]]^-1
```

Partial Fractioned Denominator:

```
-1/4 (2 dot[p,q]+3 dot[q,q])^-1 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1
  +1/4 (2 dot[p,q]+3 dot[q,q])^-1 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p-q+1/2 k[3]]^-1
  -1/8 (2 dot[p,q]+3 dot[q,q])^-1 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-q+1/2 k[3]]^-1
  +1/8 (2 dot[p,q]+3 dot[q,q])^-1 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-q+1/2
k[3]]^-1
  +1/4 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1
  +1/4 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p-q-1/2 k[3]]^-1
  -1/8 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-q-1/2
k[3]]^-1
  -1/8 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-
q+1/2 k[3]]^-1
  -1/8 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p-q+1/2 k[3]]^-1 prop[0,-1/2 p-
q-1/2 k[3]]^-1
  +1/16 (-dot[p,p]-4 dot[p,q]-4 dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-q+1/2 k[3]]^-1
prop[0,-1/2 p-q-1/2 k[3]]^-1
```

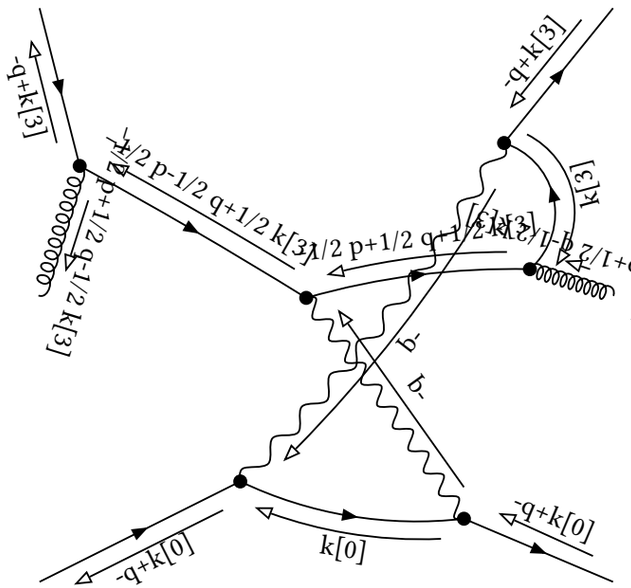


0:0,2:1,=1 2:1,4:0,6:0,10:0,12:−1,=0 9:0,12:
−1,16:0,=-1 10:0,12:−1,14:2,16:0,=1

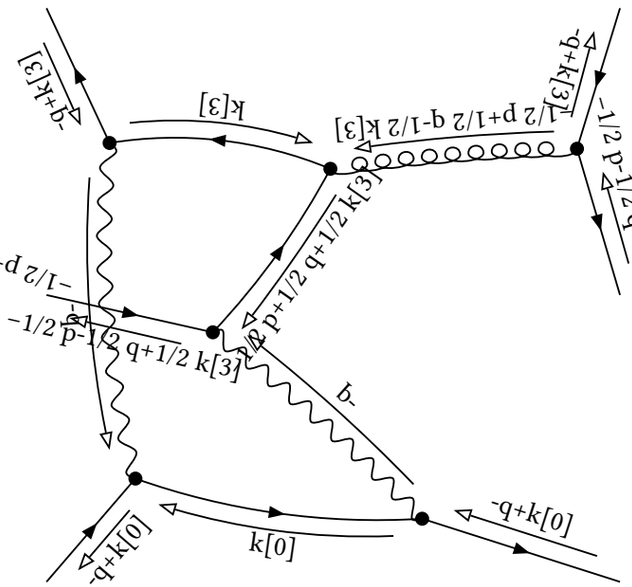
final

Denominator:

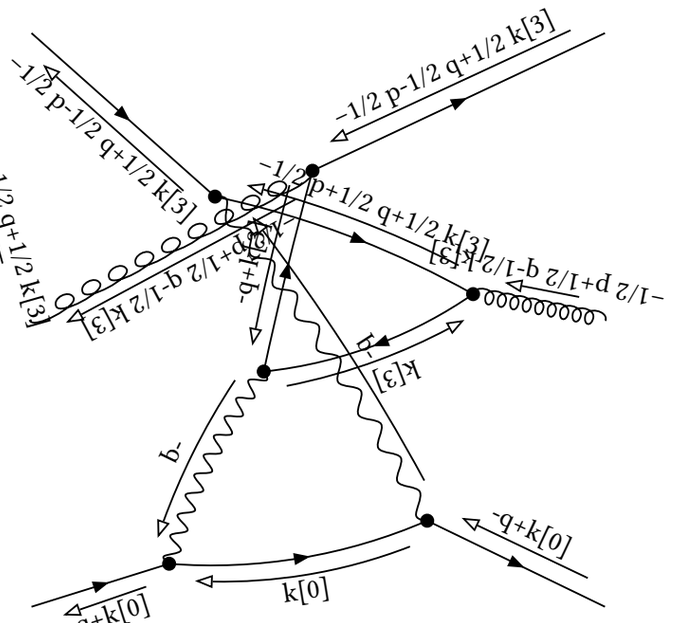
```
1/16 prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p+1/2 q-1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−2,12:0,16:1,=-1
10:0,12:0,14:0,16:1,=1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:−1,=-1
10:0,12:0,14:2,16:−1,=1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−1,12:0,16:0,=-1
10:0,12:0,14:1,16:0,=1

embedding 13 [1, 0, 0, 1] with multiplicity 2

initial

Denominator:

```
0
```

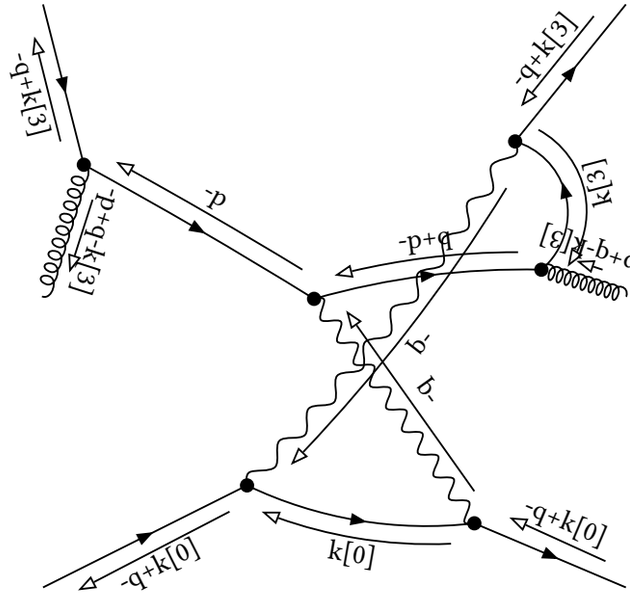
Partial Fractioned Denominator:

```
0
```

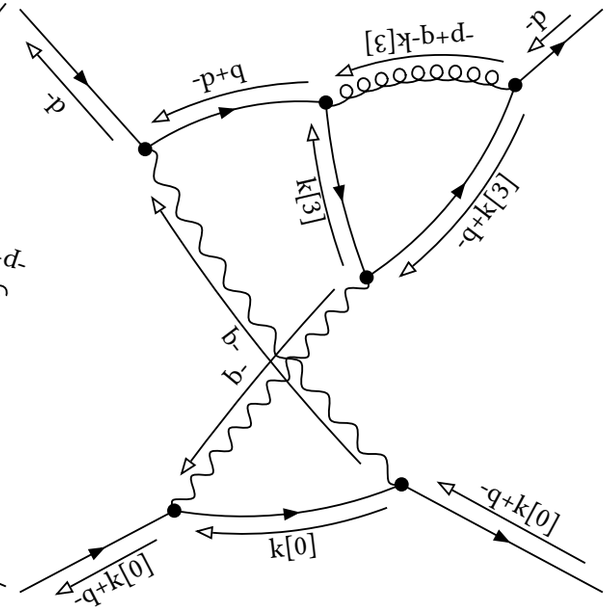
final

Denominator:

```
prop[0,k[3]]^-1 prop[0,-p]^-1 prop[0,-p+q]^-1 prop[0,-q+k[3]]^-1 prop[0,-p+q-k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−1,12:0,16:1,=0
10:0,12:0,14:0,16:1,=1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:0,=0
10:0,12:0,14:1,16:0,=1

embedding 14 [1, 0, 1, 0] with multiplicity 2

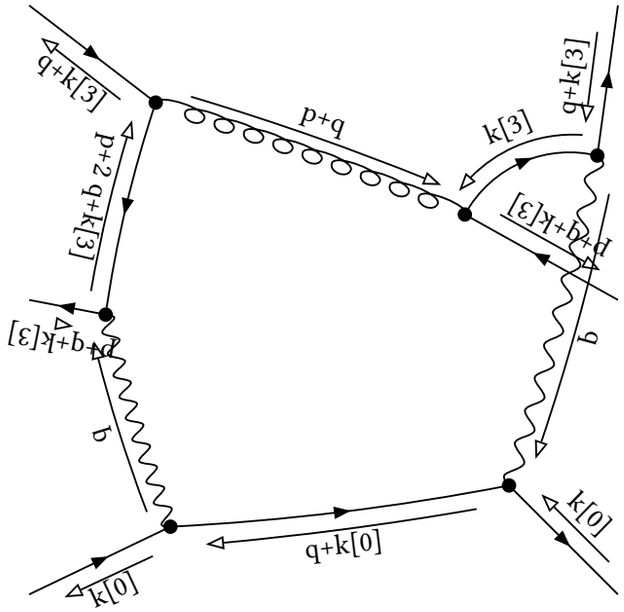
initial

Denominator:

```
prop[0,k[3]]^-1 prop[0,p+q]^-1 prop[0,q+k[3]]^-1 prop[0,p+q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1
```

Partial Fractioned Denominator:

```
-(-2 dot[p,q]-2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+q+k[3]]^-1
  +(-2 dot[p,q]-2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1
  +(-2 dot[p,q]-2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,p+q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1
  -(-2 dot[p,q]-2 dot[q,q])^-1 (dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p+q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1
```

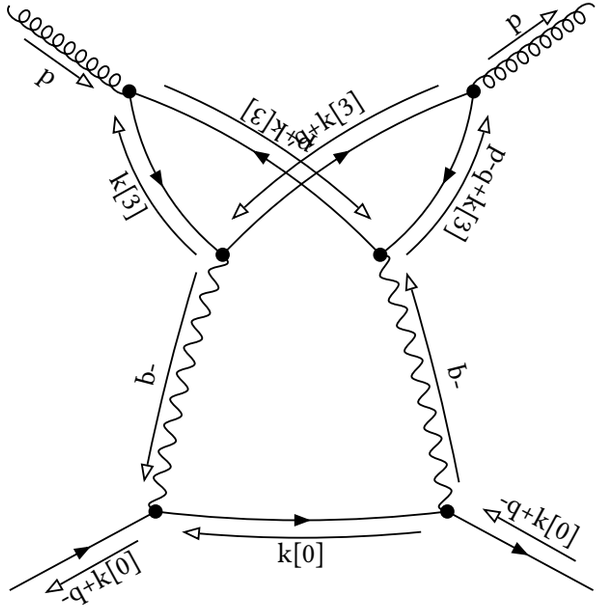


0:0,2:1,=1 2:1,4:0,6:0,10:−1,12:0,=0 9:0,12:0,16:1,=1
10:−1,12:0,14:0,16:1,=0

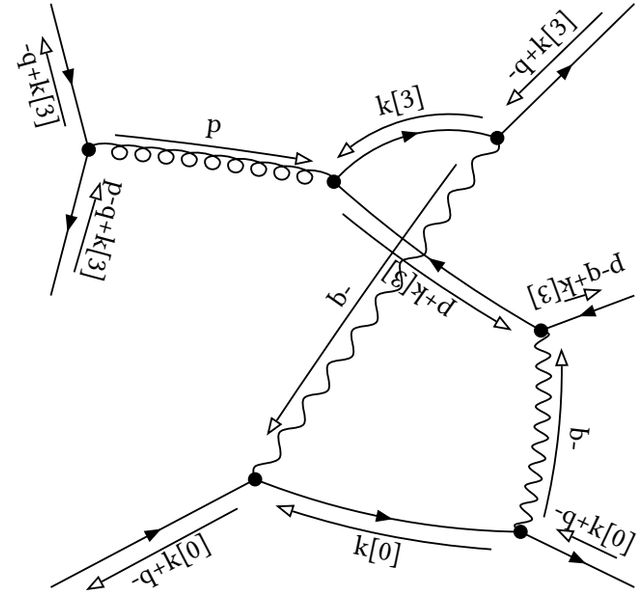
final

Denominator:

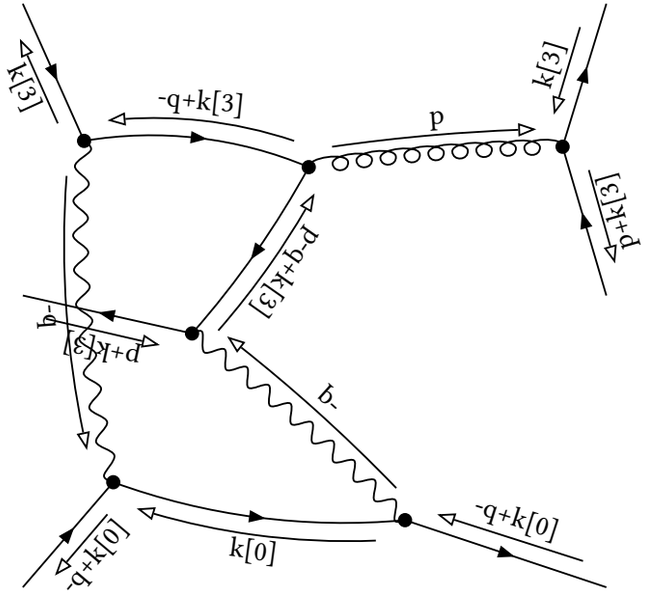
```
prop[0,p]^-1 prop[0,k[3]]^-1 prop[0,p+k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,p-q+k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:1,12:0,16:0,=1
10:0,12:0,14:0,16:0,=0



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:1,=1
10:0,12:0,14:−1,16:1,=0



0:1,2:0,=1 2:0,4:0,6:0,10:−1,12:1,=0 9:0,12:1,16:0,=1
10:−1,12:1,14:0,16:0,=0

embedding 15 [1, 0, 1, 1] with multiplicity 2

initial

Denominator:

```
0
```

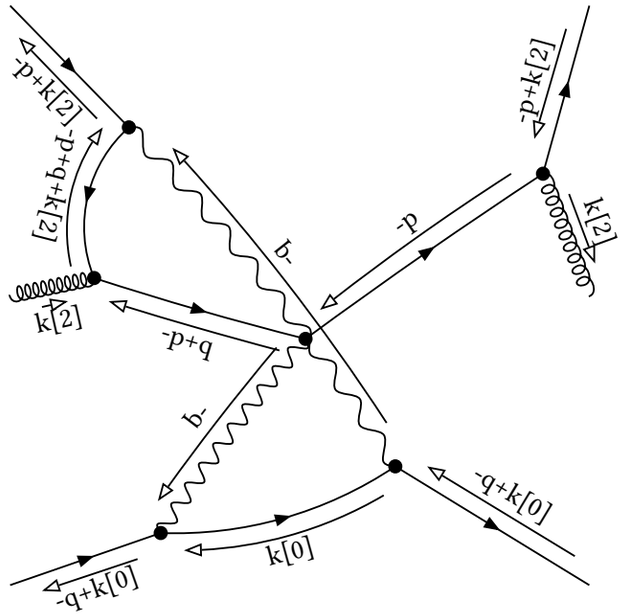
Partial Fractioned Denominator:

```
0
```

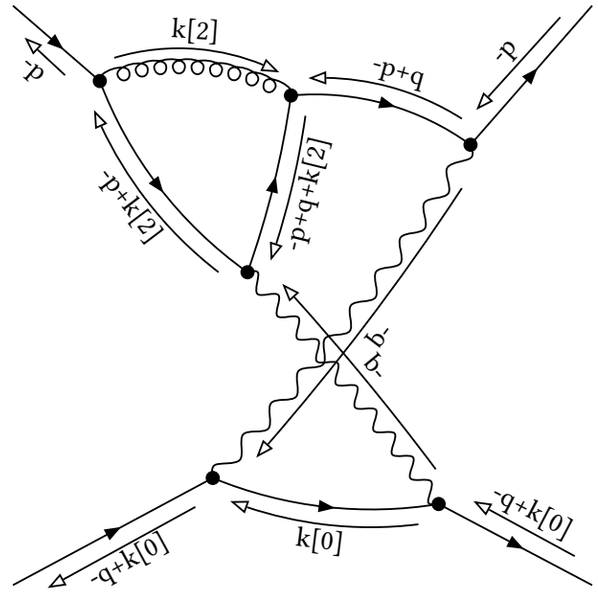
final

Denominator:

```
prop[0,k[2]]^-1 prop[0,-p]^-1 prop[0,-p+q]^-1 prop[0,-p+k[2]]^-1 prop[0,-p+q+k[2]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:1,12:0,16:0,=1
10:0,12:0,14:1,16:0,=1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:1,=1
10:0,12:0,14:0,16:1,=1

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

initial

Denominator:

```
0
```

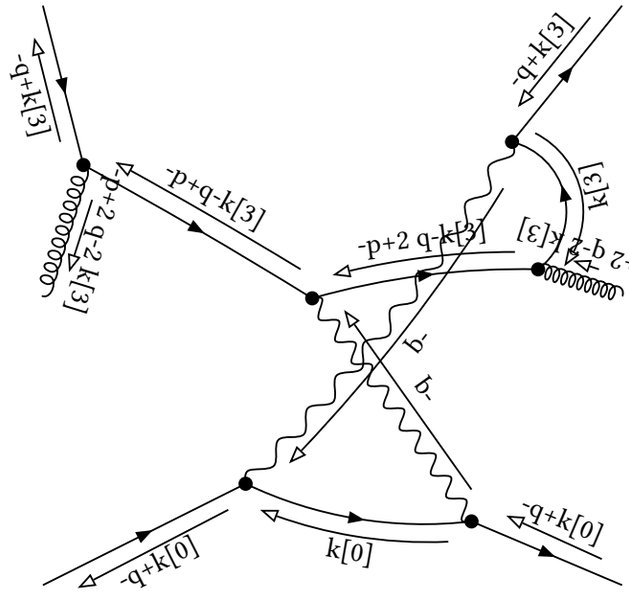
Partial Fractioned Denominator:

```
0
```

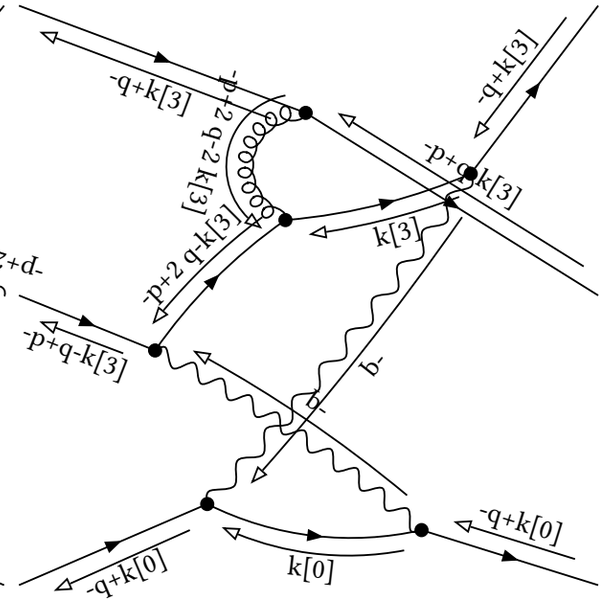
final

Denominator:

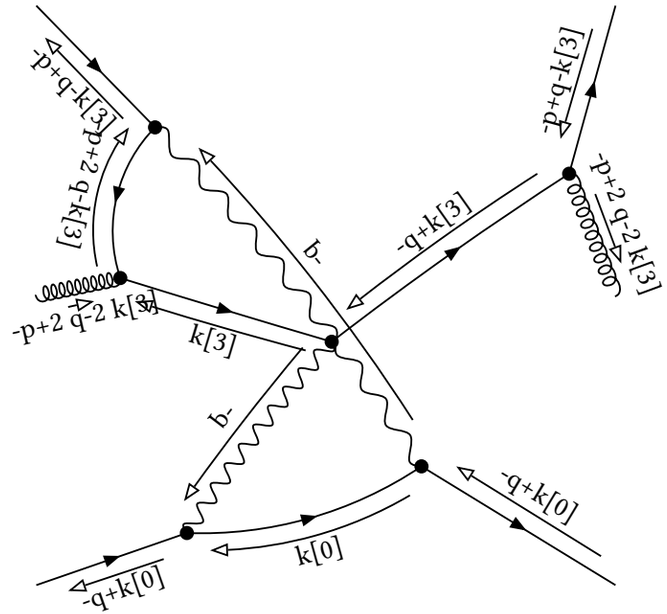
```
prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-p+q-k[3]]^-1 prop[0,-p+2 q-k[3]]^-1 prop[0,-p+2 q-2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:−1,12:0,16:2,=1
10:0,12:0,14:0,16:2,=2



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:1,=1
10:0,12:0,14:1,16:1,=2



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:1,12:0,16:0,=1
10:0,12:0,14:2,16:0,=2

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

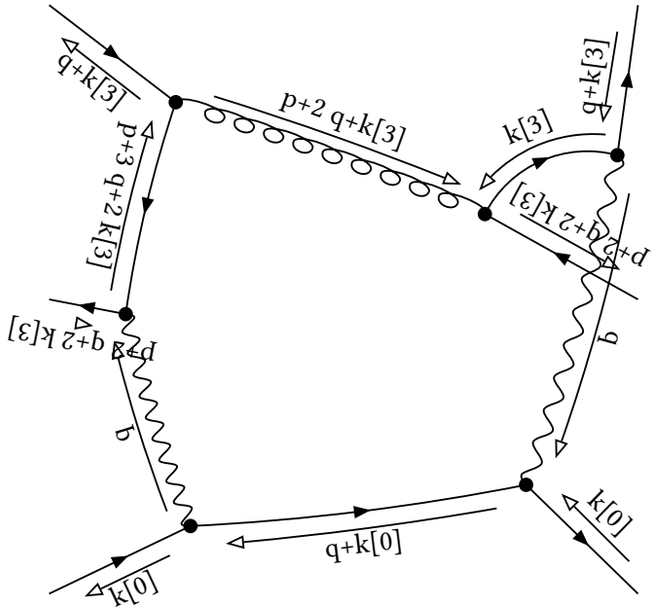
initial

Denominator:

```
prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1 prop[0,p+2 q+2 k[3]]^-1 prop[0,p+3 q+2 k[3]]^-1
```

Partial Fractioned Denominator:

```
-1/2 (-dot[p,q]-3/2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+2 k[3]]^-1
  +1/2 (-dot[p,q]-3/2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+3 q+2 k[3]]^-1
  +(-dot[p,q]-3/2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,p+2 q+2 k[3]]^-1 prop[0,p+3 q+2 k[3]]^-1
  -(-dot[p,q]-3/2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+2 k[3]]^-1 prop[0,p+3 q+2 k[3]]^-1
  +1/4 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1
  -1/2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p+3 q+2
k[3]]^-1
  -1/2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,p+2 q+k[3]]^-1 prop[0,p+3 q+2
k[3]]^-1
  -1/2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+k[3]]^-1 prop[0,p+2 q+2
k[3]]^-1
  +(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,p+2 q+2 k[3]]^-1 prop[0,p+3 q+2
k[3]]^-1
  +(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 (1/2 dot[p,p]+dot[p,q]+1/2 dot[q,q])^-1 prop[0,p+2 q+k[3]]^-1 prop[0,p+2 q+2 k[3]]^-1 prop[0,p+3
q+2 k[3]]^-1
```

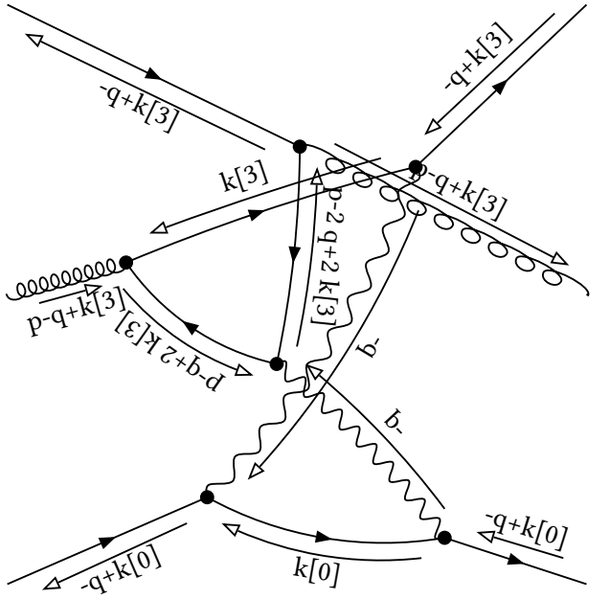


0:0,2:1,=1 2:1,4:0,6:0,10:−1,12:0,=0 9:0,12:0,16:2,=2
10:−1,12:0,14:0,16:2,=1

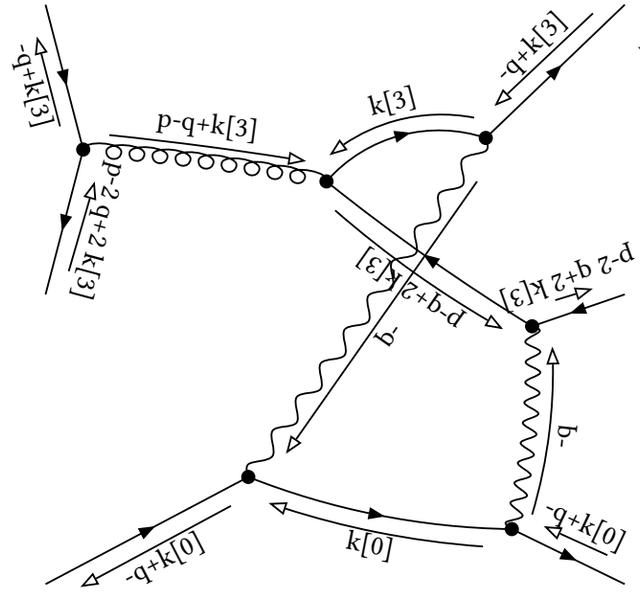
final

Denominator:

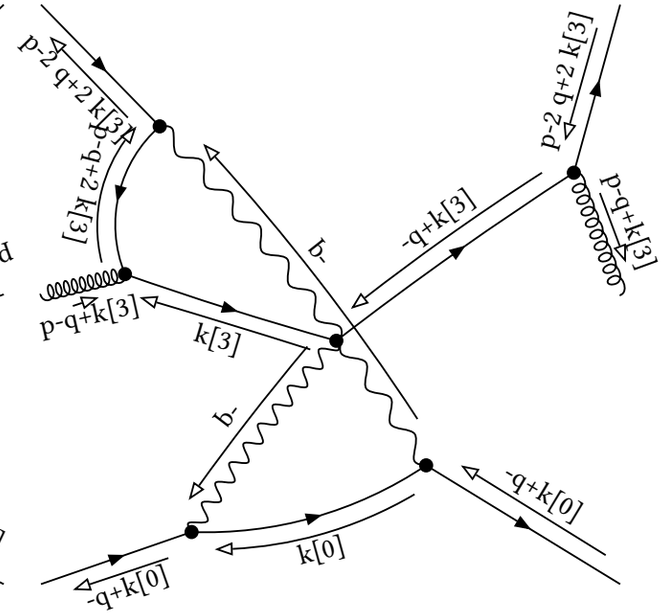
```
prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,p-q+k[3]]^-1 prop[0,p-q+2 k[3]]^-1 prop[0,p-2 q+2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:1,12:0,16:1,=2
10:0,12:0,14:0,16:1,=1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:0,12:0,16:2,=2
10:0,12:0,14:−1,16:2,=1



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:0,=0 9:2,12:0,16:0,=2
10:0,12:0,14:1,16:0,=1

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

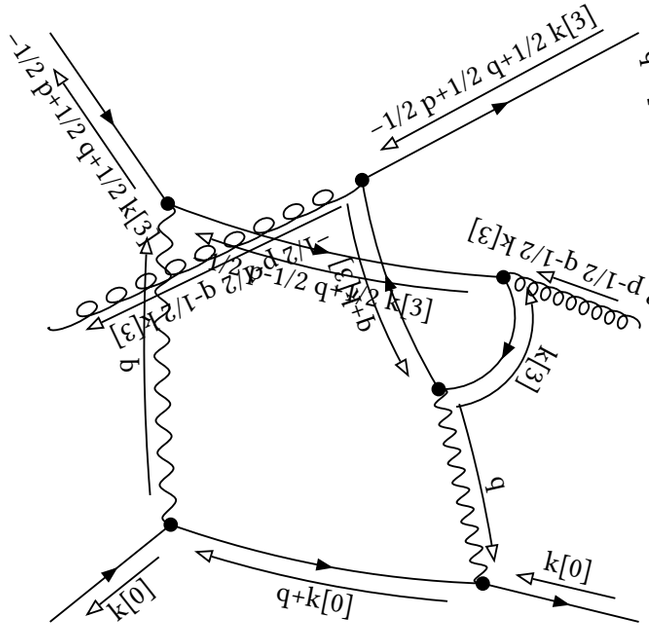
initial

Denominator:

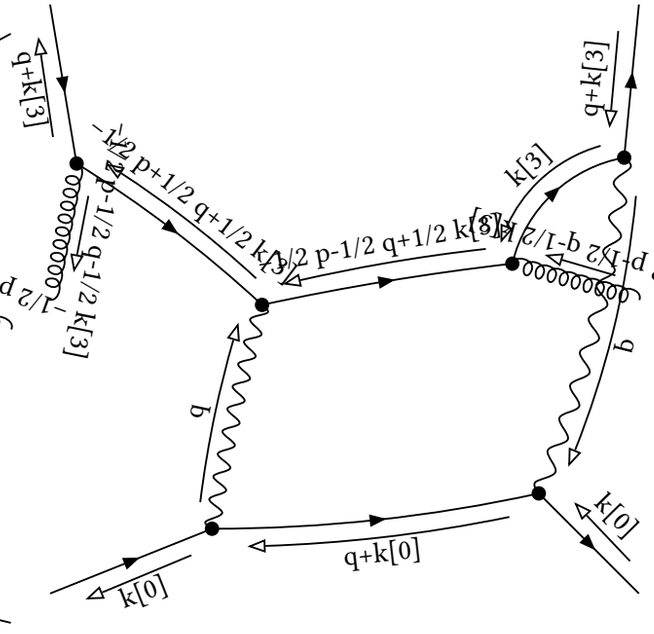
```
1/16 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q-1/2 k[3]]^-1
```

Partial Fractioned Denominator:

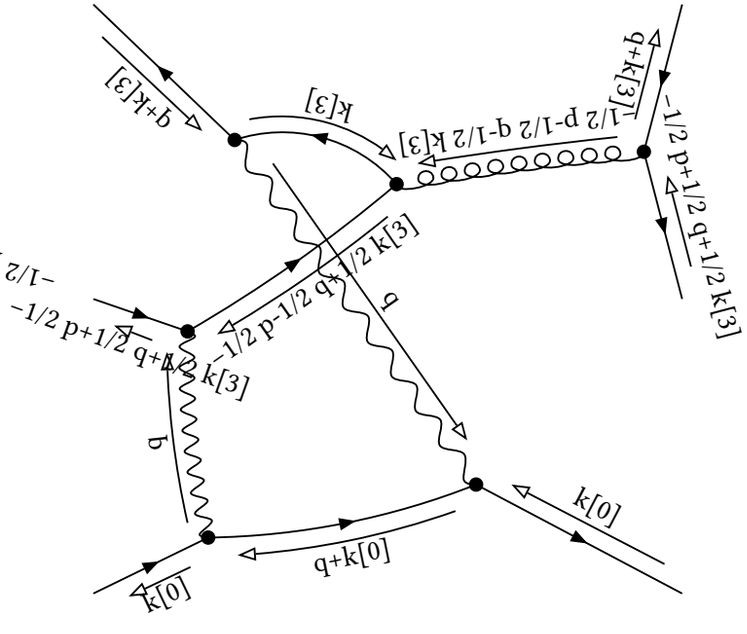
```
-1/4 (2 dot[p,q]+dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1
  +1/4 (2 dot[p,q]+dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2 k[3]]^-1
  -1/8 (2 dot[p,q]+dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2
k[3]]^-1
  +1/8 (2 dot[p,q]+dot[q,q])^-1 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2
k[3]]^-1
  -1/4 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 dot[p,p]^-1
  -1/4 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p-1/2 q-1/2 k[3]]^-1 dot[p,p]^-1
  +1/8 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q-1/2 k[3]]^-1 dot[p,p]^-1
  +1/8 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2 k[3]]^-1 dot[p,p]^-1
  +1/8 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q-1/2 k[3]]^-1 dot[p,p]^-1
  -1/16 (-dot[p,p]-2 dot[p,q]-dot[q,q])^-1 prop[0,-1/2 p+1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 q-1/2 k[3]]^-1
dot[p,p]^-1
```



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:−1,12:0,16:0,=-1
10:0,12:0,14:1,16:0,=1



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:−2,12:0,16:1,=-1
10:0,12:0,14:0,16:1,=1

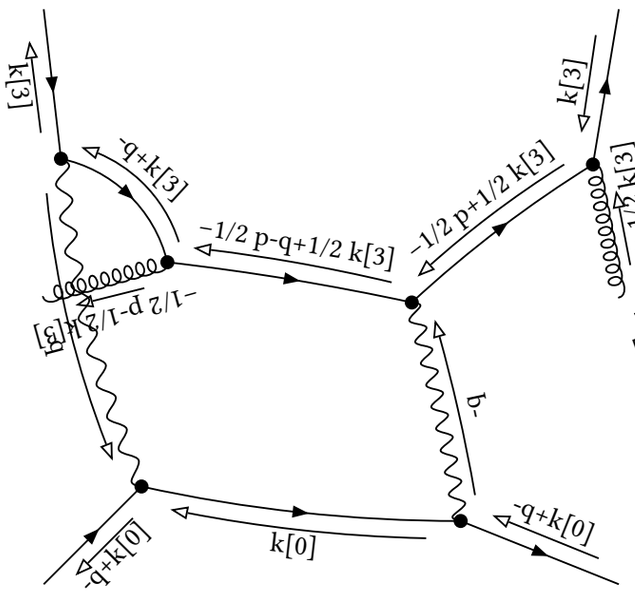


0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:0,12:0,16:−1,=-1
10:0,12:0,14:2,16:−1,=1

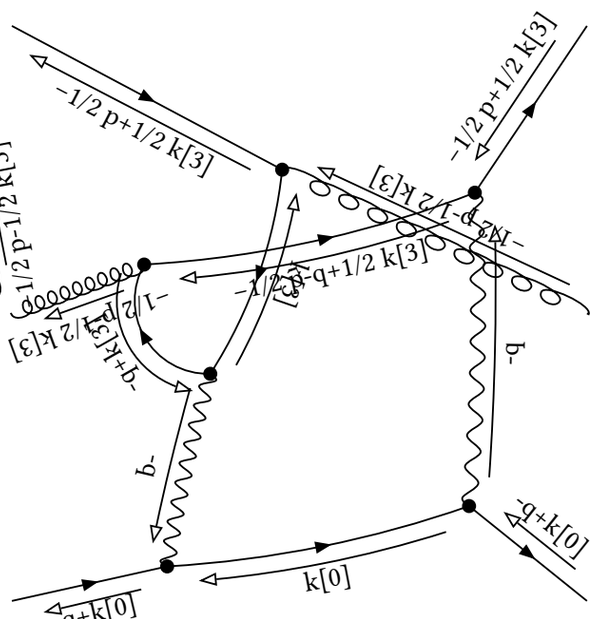
final

Denominator:

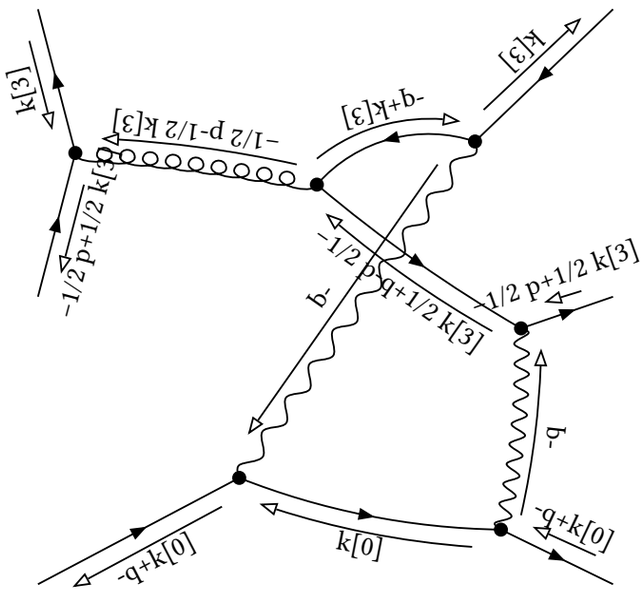
```
1/16 prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-1/2 p+1/2 k[3]]^-1 prop[0,-1/2 p-1/2 k[3]]^-1 prop[0,-1/2 p-q+1/2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:1,=1 9:−2,12:1,16:0,=-1 10:0,12:1,14:0,16:0,=1



0:1,2:0,=1 2:0,4:0,6:0,10:1,12:0,=1 9:−1,12:0,16:0,=-1 10:1,12:0,14:0,16:0,=1



0:1,2:0,=1 2:0,4:0,6:0,10:2,12:−1,=1 9:0,12:−1,16:0,=-1 10:2,12:−1,14:0,16:0,=1

embedding 19 [1, 1, 0, 1] with multiplicity 2

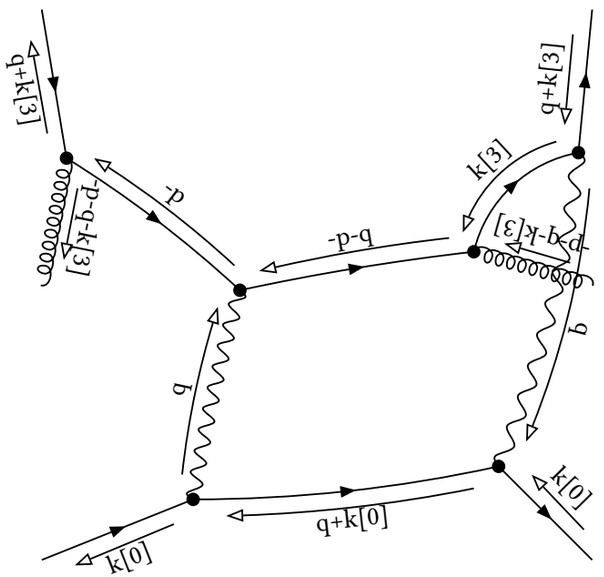
initial

Denominator:

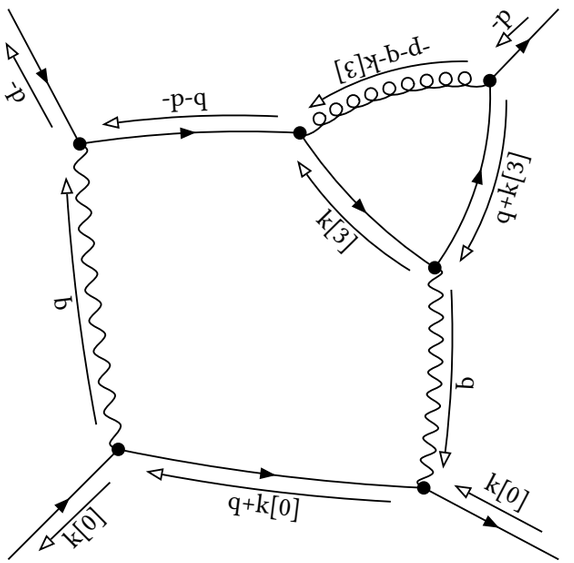
```
prop[0,k[3]]^-1 prop[0,-p]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q]^-1 prop[0,-p-q-k[3]]^-1
```

Partial Fractioned Denominator:

```
(dot[p,p]+2 dot[p,q]+dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q-k[3]]^-1 dot[p,p]^-1
```



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:−1,12:0,16:1,=0
10:0,12:0,14:0,16:1,=1

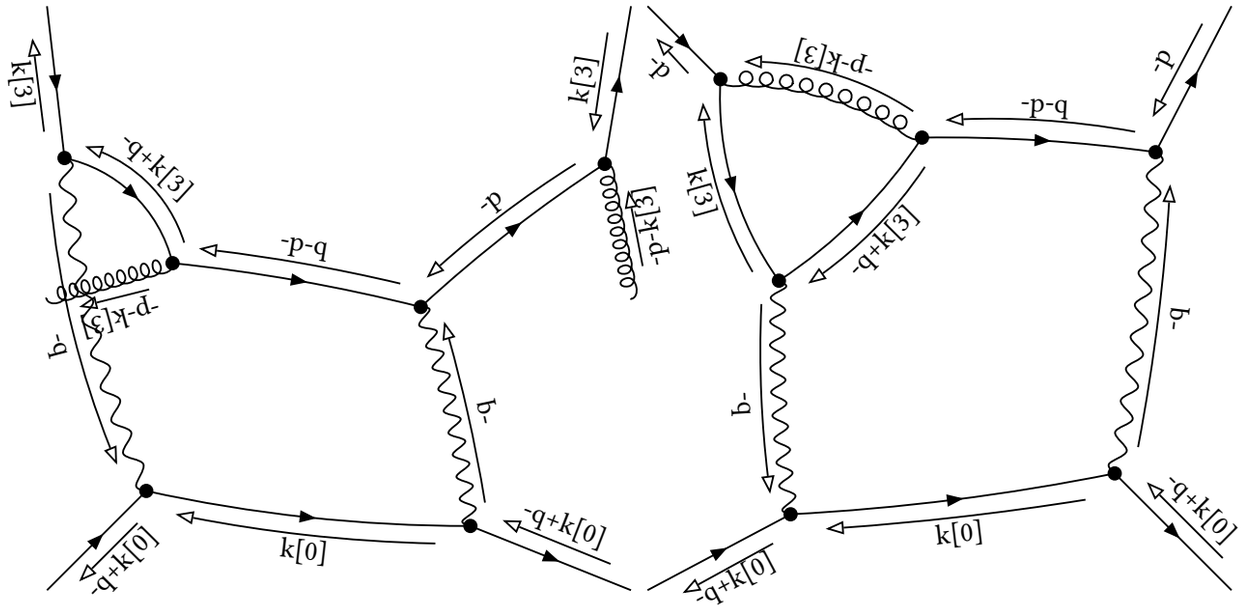


0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:0,12:0,16:0,=0
10:0,12:0,14:1,16:0,=1

final

Denominator:

```
prop[0,k[3]]^-1 prop[0,-p]^-1 prop[0,-q+k[3]]^-1 prop[0,-p-q]^-1 prop[0,-p-k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:1,=1 9:−1,12:1,16:0,=0
10:0,12:1,14:0,16:0,=1

0:1,2:0,=1 2:0,4:0,6:0,10:1,12:0,=1 9:0,12:0,16:0,=0
10:1,12:0,14:0,16:0,=1

embedding 20 [1, 1, 1, 2] with multiplicity 2

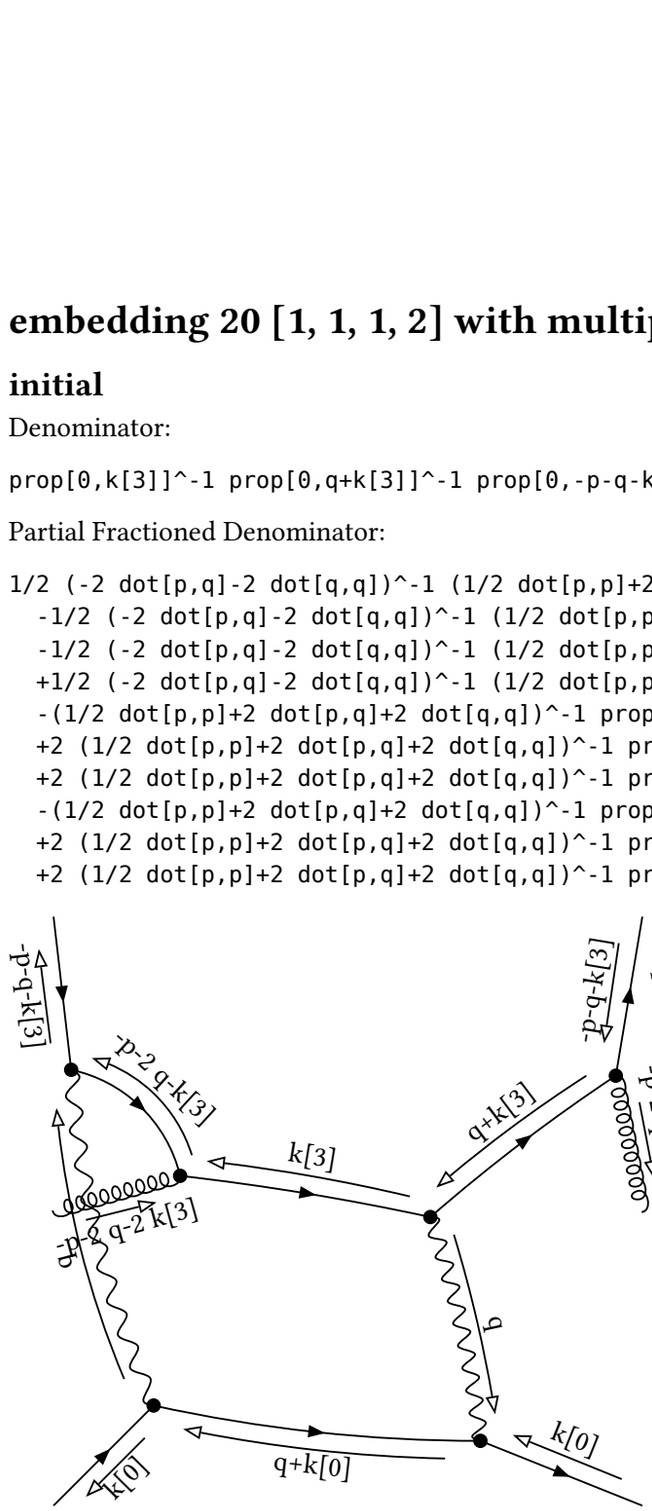
initial

Denominator:

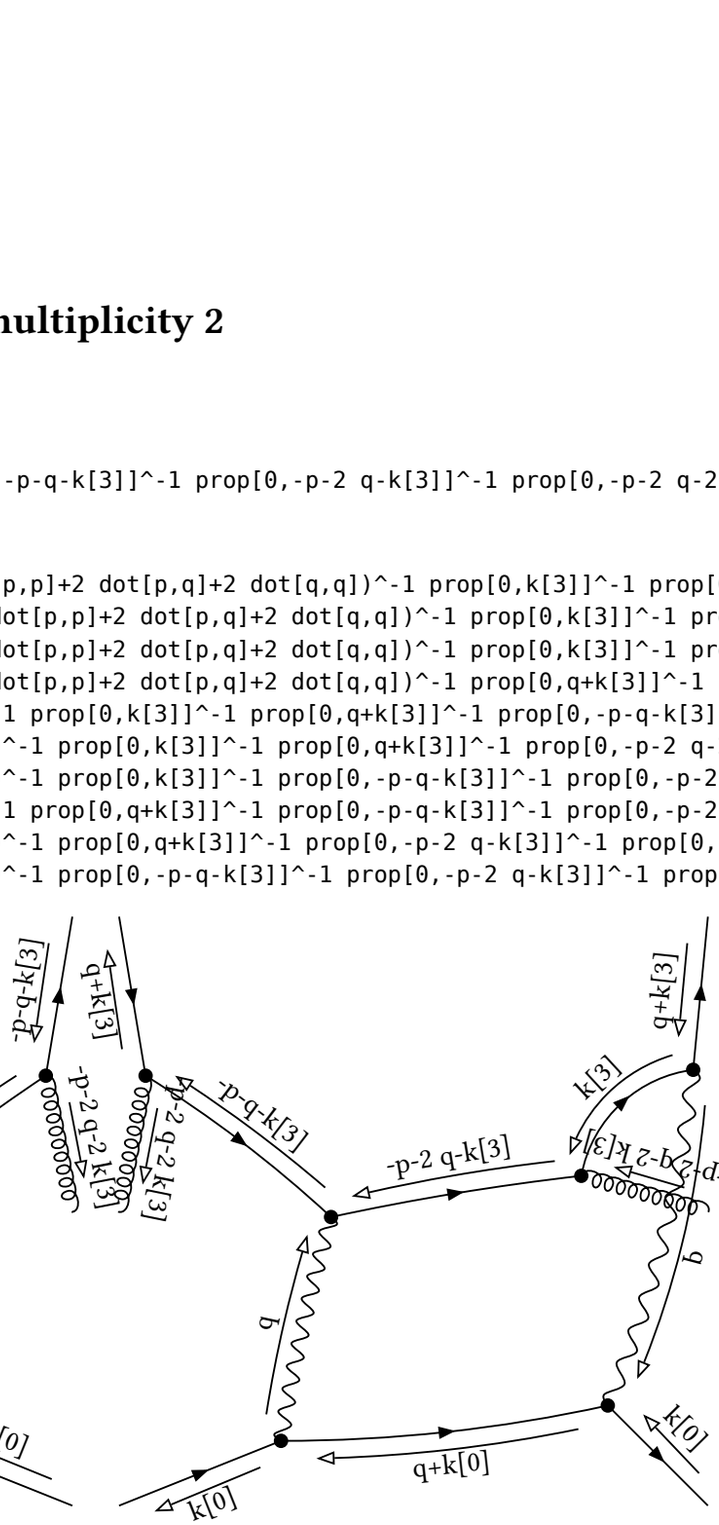
```
prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q-k[3]]^-1 prop[0,-p-2 q-k[3]]^-1 prop[0,-p-2 q-2 k[3]]^-1
```

Partial Fractioned Denominator:

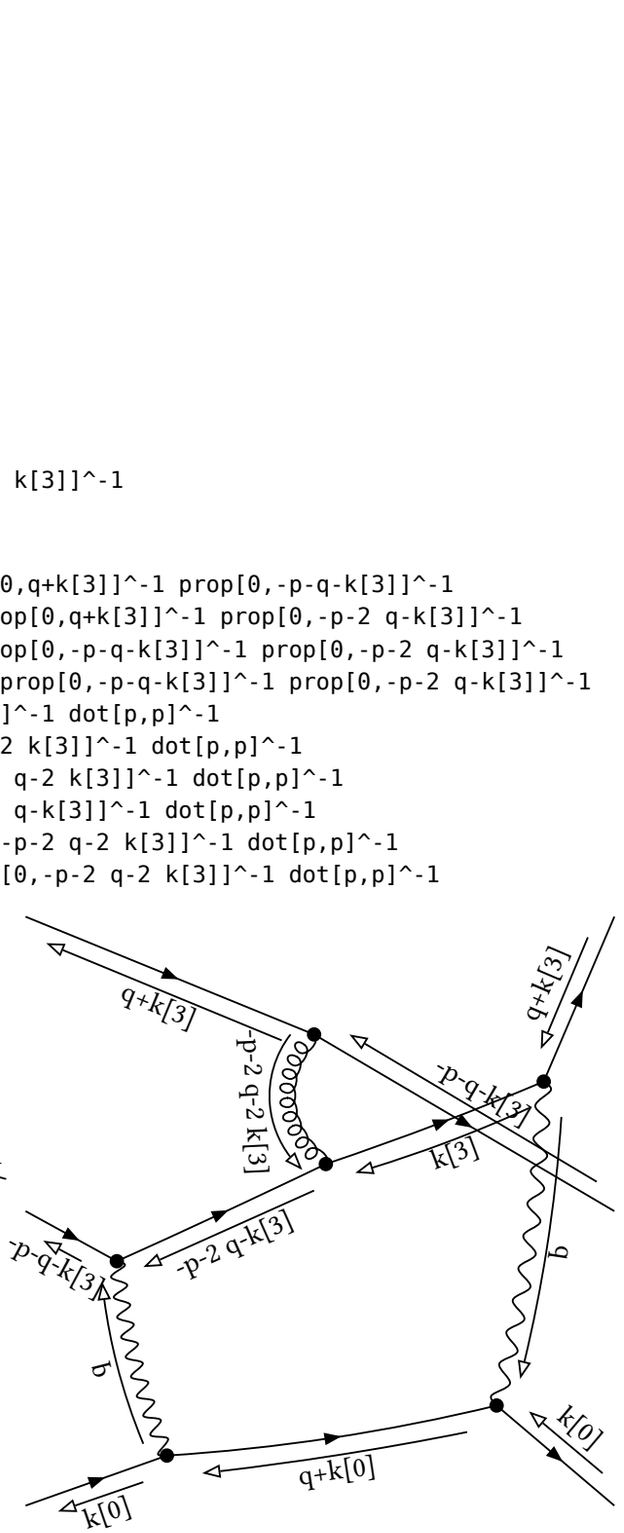
```
1/2 (-2 dot[p,q]-2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q-k[3]]^-1
  -1/2 (-2 dot[p,q]-2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-2 q-k[3]]^-1
  -1/2 (-2 dot[p,q]-2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p-q-k[3]]^-1 prop[0,-p-2 q-k[3]]^-1
  +1/2 (-2 dot[p,q]-2 dot[q,q])^-1 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p-q-k[3]]^-1 prop[0,-p-2 q-k[3]]^-1
  -(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-q-k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p-2 q-2 k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,k[3]]^-1 prop[0,-p-q-k[3]]^-1 prop[0,-p-2 q-2 k[3]]^-1 dot[p,p]^-1
  -(1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p-q-k[3]]^-1 prop[0,-p-2 q-k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,q+k[3]]^-1 prop[0,-p-2 q-k[3]]^-1 prop[0,-p-2 q-2 k[3]]^-1 dot[p,p]^-1
  +2 (1/2 dot[p,p]+2 dot[p,q]+2 dot[q,q])^-1 prop[0,-p-q-k[3]]^-1 prop[0,-p-2 q-k[3]]^-1 prop[0,-p-2 q-2 k[3]]^-1 dot[p,p]^-1
```



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:1,12:0,16:0,=1
10:0,12:0,14:2,16:0,=2



0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:−1,12:0,16:2,=1
10:0,12:0,14:0,16:2,=2

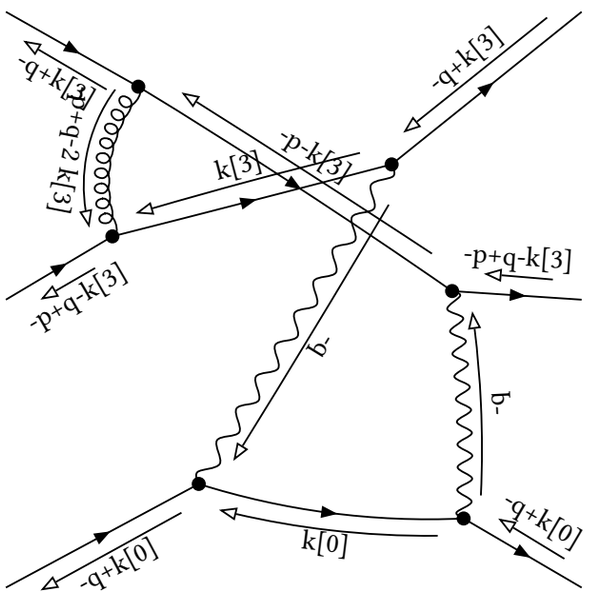


0:0,2:1,=1 2:1,4:0,6:0,10:0,12:0,=1 9:0,12:0,16:1,=1
10:0,12:0,14:1,16:1,=2

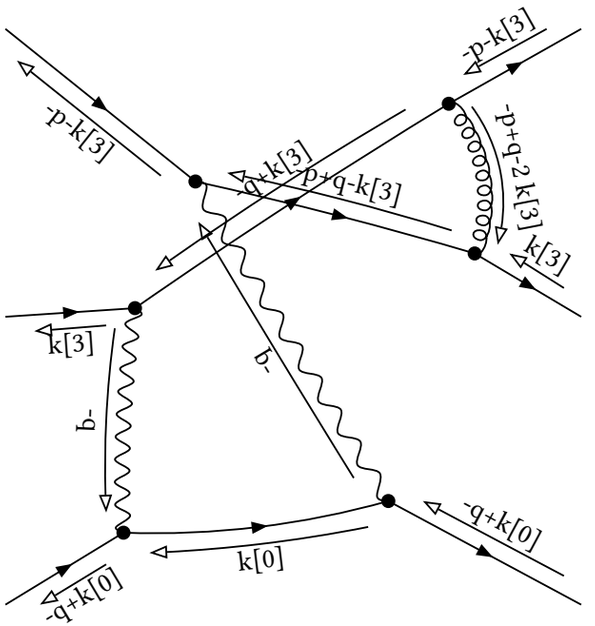
final

Denominator:

```
prop[0,k[3]]^-1 prop[0,-q+k[3]]^-1 prop[0,-p-k[3]]^-1 prop[0,-p+q-k[3]]^-1 prop[0,-p+q-2 k[3]]^-1
```



0:1,2:0,=1 2:0,4:0,6:0,10:1,12:0,=1 9:0,12:0,16:1,=1
10:1,12:0,14:0,16:1,=2



0:1,2:0,=1 2:0,4:0,6:0,10:0,12:1,=1 9:0,12:1,16:0,=1
10:0,12:1,14:1,16:0,=2