embedding 1 [1, 0, -1, -2] initial Denominator: $prop[0,k[3]]^{-1} \ prop[0,q+k[3]]^{-1} \ prop[0,p-k[3]]^{-1} \ prop[0,p-2 \ k[3]]^{-1}$ Partial Fractioned Denominator: $-prop[0,k[3]]^{-1}\ prop[0,q+k[3]]^{-1}\ prop[0,p-k[3]]^{-1}\ dot[p,p]^{-1}\\$ +2 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p-2 k[3]]^-1 dot[p,p]^-1 +2 $prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 prop[0,p-2 k[3]]^-1 dot[p,p]^-1$ b-5 K[3] b-5 <u>k[3]</u> q+k[3] q+k[3] -<u>K[0]</u> $d+\kappa[0]$ -14[0] d+k[0]final b-d-5 k[3] q+k[3] $q+\overline{k}[3]$ **۴**[0] embedding 2 [1, 0, -1, -1] initial Denominator: prop[0,p]^-1 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,p-k[3]]^-1 $prop[0,k[3]]^{-1} \ prop[0,q+k[3]]^{-1} \ prop[0,p-k[3]]^{-1} \ dot[p,p]^{-1}$ Ъ-к[3] q+k[3] q+k[3] d+K[0]d+k[0]d+K[0]-140] final <u>لا[0]</u> embedding 3 [1, 0, 0, -1] initial Denominator: $prop[0,p]^-1 prop[0,k[2]]^-1 prop[0,p+q]^-1 prop[0,p+k[2]]^-1$ Partial Fractioned Denominator: $(\mathsf{dot}[\mathsf{p},\mathsf{p}] + 2 \ \mathsf{dot}[\mathsf{p},\mathsf{q}] + \mathsf{dot}[\mathsf{q},\mathsf{q}])^- 1 \ \mathsf{prop}[\mathsf{0},\mathsf{k}[\mathsf{2}]]^- 1 \ \mathsf{prop}[\mathsf{0},\mathsf{p}+\mathsf{k}[\mathsf{2}]]^- 1 \ \mathsf{dot}[\mathsf{p},\mathsf{p}]^- 1$ 癌 d+k[0] $^{d+}$ $^{K}[0]$ d+k[0]final p-q+k[2] **ド[0]** embedding 4 [1, 0, 1, -1] 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 Partial Fractioned Denominator: $-prop[0,k[3]]^{-1}\ prop[0,q+k[3]]^{-1}\ prop[0,-p+k[3]]^{-1}\ dot[p,p]^{-1}\\$ +2 prop[0,k[3]]^-1 prop[0,q+k[3]]^-1 prop[0,-p+2 k[3]]^-1 dot[p,p]^-1 +2 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 prop[0,-p+2 k[3]]^-1 dot[p,p]^-1 -b+5 k[3] q+k[3][0]_y- $\overline{d+k[0]}$ [0]Y--14[0] d+k[0]final 20000000 -p+q+2 k[3] ۲[0] embedding 5 [1, 0, 1, 0] initial Denominator:prop[0,k[3]]^-1 prop[0,-p]^-1 prop[0,q+k[3]]^-1 prop[0,-p+k[3]]^-1 Partial Fractioned Denominator: $prop[0,k[3]]^{-1} \ prop[0,q+k[3]]^{-1} \ prop[0,-p+k[3]]^{-1} \ dot[p,p]^{-1}$ -b+k[3] q+k[3]q+k[3] d+k[0]d+k[0]-K[0] -K[0] d+k[0]final <u>لا[0]</u> embedding 6 [1, 1, -1, 0] initial Denominator: $prop[0,k[3]]^{-1} \ prop[0,p+q]^{-1} \ prop[0,q+k[3]]^{-1} \ prop[0,p+q+k[3]]^{-1}$ Partial Fractioned Denominator: $(\mathsf{dot}[\mathsf{p},\mathsf{p}] + 2 \ \mathsf{dot}[\mathsf{p},\mathsf{q}] + \mathsf{dot}[\mathsf{q},\mathsf{q}])^{-1} \ \mathsf{prop}[\mathsf{0},\mathsf{k}[\mathsf{3}]]^{-1} \ \mathsf{prop}[\mathsf{0},\mathsf{q}+\mathsf{k}[\mathsf{3}]]^{-1} \ \mathsf{prop}[\mathsf{0},\mathsf{p}+\mathsf{q}+\mathsf{k}[\mathsf{3}]]^{-1}$ eeeeeee b+d ď-k[3] d+κ[0] final p+k[3] 00000000 d+k[3]d+K[3]d+k[3]-d-k[0] ۲[0] -d-K[0] <u>لا[0]</u> -d-k[0] <u>لا[0]</u> embedding 7 [1, 1, -1, 1] initial 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 Partial Fractioned Denominator: $(-\mathsf{dot}[p,p]-2\ \mathsf{dot}[p,q]-\mathsf{dot}[q,q])^{-1}\ \mathsf{prop}[0,k[3]]^{-1}\ \mathsf{prop}[0,q+k[3]]^{-1}\ \mathsf{prop}[0,p+q+k[3]]^{-1}$ $-2 \ (-dot[p,p]-2 \ dot[p,q]-dot[q,q])^{-1} \ prop[0,k[3]]^{-1} \ prop[0,q+k[3]]^{-1} \ prop[0,p+q+2 \ k[3]]^{-1}$ $-2 \ (-dot[p,p]-2 \ dot[p,q]-dot[q,q])^{-1} \ prop[0,q+k[3]]^{-1} \ prop[0,p+q+k[3]]^{-1} \ prop[0,p+q+2 \ k[3]]^{-1}$ p+q+2 k[3]d+κ[0] final p+2 k[3] P+2 k[3] d+**k**[3] -d-K[0] [0] -d-k[0] ۴[0] embedding 8 [1, 1, 0, 1] initial Denominator: prop[0,k[2]]^-1 prop[0,-p]^-1 prop[0,-p-q]^-1 prop[0,-p-q+k[2]]^-1 Partial Fractioned Denominator: $(\mathsf{dot}[\mathsf{p},\mathsf{p}] + 2 \ \mathsf{dot}[\mathsf{p},\mathsf{q}] + \mathsf{dot}[\mathsf{q},\mathsf{q}])^{-1} \ \mathsf{prop}[\mathsf{0},\mathsf{k}[\mathsf{2}]]^{-1} \ \mathsf{prop}[\mathsf{0},\mathsf{-p}\mathsf{-q}\mathsf{+k}[\mathsf{2}]]^{-1} \ \mathsf{dot}[\mathsf{p},\mathsf{p}]^{-1}$ -p-q+k[2] d+k[0]final [0]4-p-۲[0] embedding 9 [1, 1, 1, 1] initial Denominator:

embedding 9 [1, 1, 1, 1]

initial

Denominator:

prop[0,k[3]]^-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

final

| Popting | Popting

-p-q-2 K[3]

final

 $d + \kappa[0]$

d+k[3]

κ[0]

-p-2 k[3]

 $\sum_{k=1}^{\infty} \frac{1}{k} \left[\frac{1}{3} \right]$

LEJYX OF

-8-1/0]

 $4^{-p-2}k[3]$

(6)7

d+<u></u>[3]

ド[0]

-q-<u>k[</u>3]

_d-k[0]

-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-q-k[3]]^-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 +(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