```
\begin{cases} -\frac{1}{2} \mathcal{A}_{j}^{\text{b1c}} & \pi_{\mathcal{A}_{b}} \text{b1} \end{cases} \xrightarrow{c1} \overset{a}{b_{i}} \overset{a}{\text{vac1}} \overset{\hat{}}{\text{va1c}} \overset{h}{\text{k}} \overset{a1}{\text{k}} \overset{h}{\text{b}} +
                                                         \mathcal{A}_{\mathsf{i}}^{\mathsf{b1c}} \overset{\pi_{\mathcal{A}}}{\underset{\mathsf{b5}}{\mathsf{b1}}} \overset{\mathsf{c1}}{\underset{\mathsf{j}}{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{j}}{\mathsf{k}}} \overset{\hat{\mathsf{k}}}{\underset{\mathsf{j}}{\mathsf{k}}} \overset{\hat{\mathsf{k}}}{\underset{\mathsf{j}}{\mathsf{k}}} \overset{\mathsf{a1}}{\underset{\mathsf{k}}{\mathsf{k}}} \overset{\mathsf{a1}}{\underset{\mathsf{n}}{\mathsf{b}}} \overset{\mathsf{a}}{\underset{\mathsf{j}}{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}{\mathsf{k}}} \overset{\mathsf{a}}{\underset{\mathsf{k}}} \overset{\mathsf{a}}} \overset{
                                                           \mathcal{A}_{\mathsf{i}\mathsf{a}}^{\mathsf{c}} \overset{\mathsf{c}}{\pi_{\mathcal{A}}}_{\mathsf{j}\mathsf{b}\mathsf{1}}^{\mathsf{c}\mathsf{1}} \overset{\mathsf{b}}{b}^{\mathsf{a}\mathsf{a}\mathsf{1}} \overset{\circ}{\gamma_{\mathsf{a}\mathsf{1}}\mathsf{c}\mathsf{1}} \overset{\circ}{\gamma_{\mathsf{b}\mathsf{c}}} \overset{\circ}{n_{\mathsf{k}}} \overset{\mathsf{b}}{\mathsf{b}} \overset{\mathsf{b}}{n^{\mathsf{b}\mathsf{1}}} -
                                                           \mathcal{F}_{ab1}^{c1}_{n_{jc}}^{d}_{jc}^{d}_{b}^{baa1}_{n'a1d'}^{n_{b}}_{n'bc1}^{b}_{n'}^{b}_{n'}^{b1}_{n'}^{c}_{n_{i}}^{n}
                                                              \mathcal{A}_{b}^{\ \ cc1} \ \ \mathop{\pi_{\mathcal{A}}}_{b1c}^{\ \ d} \ \mathop{b_{i}}^{a} \ \mathop{\tilde{n}_{val}}_{valc1} \ \mathop{h_{k}}^{a1} \ \mathop{n^{b}} \ \mathop{n^{b1}}_{n_{j}} -
                                                              \mathcal{A}_{ab1}^{\phantom{ab1}c1\phantom{ab1}\pi_{\mathcal{A}_{ic}}\phantom{ab1}d\phantom{ab1}b\phantom{ab1}a^{\phantom{ab1}aa1\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}a\phantom{aa1}
                                                                                                                                                 \pi_{\mathcal{R}} b_1 b_1 b_2 b_3 b_4 b_5 b_6 
                                                                                                                                                    \pi_{\mathcal{R}} \overset{d}{\text{b1c}} \overset{b}{\overset{a}{\text{j}}} \overset{\hat{}}{\overset{}{\text{vad}}} \overset{\hat{}}{\overset{}{\overset{}{\text{vbc1}}}} \overset{h^{\text{a1b}}}{\overset{}{\overset{}{n_{\text{a1}}}}} \overset{n^{\text{b1}}}{\overset{}{\overset{}{n_{\text{k}}}}} \overset{n^{\text{b1}}}{\overset{}{\overset{}{\text{k}}}} \overset{n^{\text{b1}}}{\overset{}{\overset{}{\text{k}}}} \overset{n^{\text{b1}}}{\overset{}{\text{b1}}} \overset{n^{\text{b1}}}{\overset{}{\text{k}}} \overset{n^{\text{b1}}}{\overset{}{\text{k}}} \overset{n^{\text{b1}}}{\overset{}{\text{b1}}} \overset{n^{\text{b1}}}{\overset{}{\text{k}}} \overset{n^{\text{b1}}}{\overset{}{\text{k}}} \overset{n^{\text{b1}}}{\overset{}{\text{b1}}} \overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{}{\text{b1}}}} \overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{}{\text{b1}}}} \overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{}{\text{b1}}}} \overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}{\overset{n^{\text{b1}}}}}}}}}}}}}}
                                                                                                                                                       \pi_{\mathcal{A}} d _{b} aa1
                                                           Æ<sub>ja</sub>c1
                                                                                                                                                                                                                                                                                                                               \hat{y}_{a1d} \hat{y}_{b1c1} \hat{y}_{bb1} n_b n^c n_k
                                                           \mathcal{A}_{\mathsf{i}\mathsf{a}}^{\mathsf{c1}} \stackrel{\pi_{\mathcal{A}}\mathsf{j}\mathsf{c}}{\mathsf{b}}^{\mathsf{d}} \stackrel{\mathsf{aa1}}{\overset{\circ}{\mathsf{va1d}}} \stackrel{\circ}{\overset{\circ}{\mathsf{vb1c1}}} \stackrel{\mathsf{bb1}}{\overset{\mathsf{n}\mathsf{b}}{\mathsf{b}}} \stackrel{\mathsf{n}\mathsf{c}}{\overset{\mathsf{n}\mathsf{b}}{\mathsf{b}}} \stackrel{\mathsf{n}\mathsf{c}}{\overset{\mathsf{n}\mathsf{b}}{\mathsf{b}}} +
                                       1
- 另 c1d <sub>不Я</sub> c1 bj Yad1 Ybd h<sup>a</sup>1b
2 b1 cc1 bj Yad1 Ybd h
                                                           n_{a1} n^{b1} n^{c} n_{i} n_{k} - \frac{1}{2} \mathcal{A}_{ac} d \pi_{\mathcal{A}_{jc1}} d1
                                                              .
Ya1d1 Yb1d h<sup>bb1</sup> n<sub>b</sub> n<sup>c</sup> n<sup>c1</sup> n<sub>i</sub> n<sub>k</sub>-
                                                         \mathcal{A}_{b1}^{\quad c1d} \stackrel{\pi_{\mathcal{A}}}{\underset{cc1}{\longrightarrow}} ^{\quad d1} \stackrel{a}{\underset{bi}{\nearrow}} ^{a} \stackrel{\hat{}}{\underset{Vad1}{\nearrow}} ^{\quad h} ^{a1b}
                                                         n_{\text{a1}} n^{\text{b1}} n^{\text{c}} n_{\text{j}} n_{\text{k}} + \frac{1}{2} \mathcal{A}_{\text{ac}} d \pi_{\mathcal{A}_{\text{ic1}}} d1
                                                              \pi_{\mathcal{A}_{ja1}}^{\mathsf{c}} rab1 rbc h_{\mathsf{k}}^{\mathsf{a}} n^{\mathsf{a}1} \partial^{\mathsf{b}1}b_{\mathsf{i}}^{\mathsf{b}} -
                                                                 \pi_{\mathcal{F}}ia1 Yab1 Ŷbc h_{\mathbf{k}}^{a} n^{a1} \partial^{b1}b_{\mathbf{j}}^{b} -
                                                                 <sup>b</sup>j γa γa1 <sup>h</sup>k <sup>nb</sup> ∂<sub>c</sub>π<sub>π</sub>ibb1 <sup>+</sup>
                                                              b_i^{a} \stackrel{\wedge}{V}_{a} \stackrel{\wedge}{V}_{a1} \stackrel{\circ}{N}_{a1} \stackrel{\circ}{N}_{k} \stackrel{\circ}{N}_{c} \stackrel{\circ}{\pi_{\mathcal{R}}}_{jbb1} \stackrel{\circ}{-}
                                                              π<sub>Я</sub>jb
                                                                                                                                                                     \hat{Y}_{ac} \hat{Y}_{b1c1} \hat{h}_{k} \hat{h}_{a} \hat{h}_{a} \hat{h}_{a} \hat{h}_{a} \hat{h}_{a} \hat{h}_{a}
                                                              \pi_{\mathcal{B}} c1
                                                                                                                                                                        \pi_{\mathcal{R}} c1
                                                                                                                                                                     \hat{y}a1c \hat{y}b1c1 \hat{y}aa1 n_a n^b n_k \hat{\partial}^c b_i^b +
                                                              \pi_{\mathcal{H}}ib Ya1c Yb1c1 h^{\mathsf{aa1}}
                                                                                                                                                                                                                                                                                                                                                                                                                  n_a n^b n_k \partial^c b_j^{b1} +
                                       2
                                                                                                            \stackrel{\wedge}{v_a}\stackrel{c}{v_b}\stackrel{c1}{v_b}\stackrel{h^{a1b}}{n_{a1}}\stackrel{n}{v_{b1}}\stackrel{n}{v_b}\stackrel{\partial_{c1}}{\pi_{\mathcal{A}}}_{ib1c}
                                                              b_{\rm i}^{\rm a} , c , c1 _{\rm h}^{\rm a1b} _{\rm na1}^{\rm n} _{\rm nk}^{\rm h} _{\rm nk}^{\rm h} _{\rm nk}^{\rm a1}
                                                              \pi_{\mathcal{F}_{jb1}} d \stackrel{\wedge}{_{Va1c1}} \stackrel{\wedge}{_{Vcd}} \stackrel{\wedge}{_{h}} \stackrel{\wedge}{_{aa1}} \stackrel{\wedge}{_{na}} \stackrel{\wedge}{_{nb}}
                                                         n^{\text{b1}} n_{\text{i}} n_{\text{k}} \partial^{\text{c1}} b_{\text{b}}^{\text{c}} - \frac{1}{2} \pi_{\mathcal{R}_{\text{ib1}}} d \hat{Y} \text{a1c1}
                                                           \hat{\gamma}_{cd} h^{aa1} n_a n^b n^{b1} n_j n_k \partial^{c1} b_b^c
                                                              \pi_{\mathcal{A}_{jb}}^{\phantom{\mathcal{A}_{jb}} \phantom{\mathcal{A}_{jb}} \phantom
                                                              \pi_{\mathcal{H}_{\mathsf{i}\mathsf{b}}} d _{\mathsf{b}\mathsf{j}} a _{\mathsf{Yad}} _{\mathsf{Ya1c1}} _{\mathsf{h}} bb1 _{\mathsf{h}_{\mathsf{k}}} a1 _{\mathsf{n}} c _{\mathsf{0}^{\mathsf{c1}}} _{\mathsf{b}\mathsf{cb1}} +
                                                           n_k^{a1} n_b n^c n^{c1} \partial^d b_{cb1} + \frac{1}{2} \pi_{\mathcal{A}} b_{c1} b_j^a
                                                              Ŷad1 Ŷa1d h k n n n n o bcb1 –

\frac{1}{a}

\frac{1
                                                           n^{\text{c1}} n_{\text{j}} \hat{\partial}^{\text{d}}{}^{\text{b}}{}_{\text{cb1}} +\frac{1}{2} \pi_{\mathcal{F}_{_{\boldsymbol{\mathcal{F}}}}} \text{jb1} n_{\text{j}} n_{\text{j}} n_{\text{j}} n_{\text{j}} n_{\text{j}} n_{\text{j}}
                                                           h^{a1b} h^{b1c} n_{a1} n^{c1} n_k \partial^d b_{c1c} - \frac{1}{2} \pi_{\mathcal{F}} ib1
                                                           _{
m b}^{
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                                     _{h}^{\text{a1b}} _{h}^{\text{b1c}} _{n}^{\text{a1}} _{n}^{\text{b1}} _{n}^{\text{c1}} _{n}^{\text{d}} _{n}^{\text{d}} _{n}^{\text{d}} _{n}^{\text{d}} _{n}^{\text{d}} _{n}^{\text{d}} _{n}^{\text{d}}
                                     n^{\text{c1}} n^{\text{d}} n_{\text{i}} n_{\text{k}} \partial^{\text{di}} b_{\text{c1c}} + \frac{1}{2} \pi_{\mathcal{A}} b_{\text{1d}} b_{\text{i}} \hat{b}_{\text{i}} \hat{b}_{\text{vae}}
                                                              \stackrel{\wedge}{\text{Vbd1}} \stackrel{h}{\text{a1b}} \stackrel{h}{\text{b1c}} \stackrel{n}{n_{a1}} \stackrel{n}{n^{c1}} \stackrel{n}{\text{d}} \stackrel{n}{\text{h}} \stackrel{\partial^{d1}}{\text{b}} \stackrel{c1c}{\text{c1c}}
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