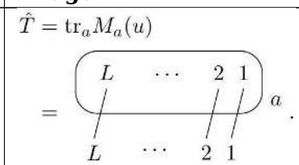
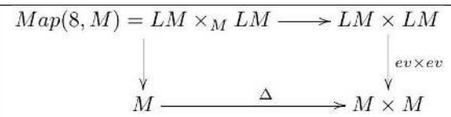
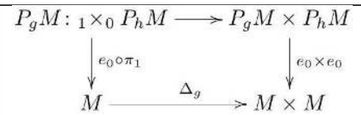
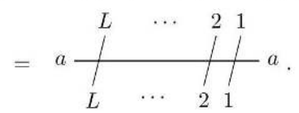
cardona-qft-methods: equation evidence

Display equations

Identifier	Page	Conf.	LaTeX source	Rendered	Image
cardona-qft-methods_EQ0717 **[conf 0.003]**	275	■ 0.003	`\begin{aligned} & \hat{T}=\operatorname{tr}_{a} M_{a}(u) \\ &=\left.\right|_{L} ^{L} \cdots \\ & \cdots \cdots \\ & \cdots 2 \\ & L \end{aligned} a .`	$\hat{T} = \operatorname{tr}_a M_a(u)$ $= \|_L^L \cdots$ $\cdots\cdots \qquad a.$ $\cdots 2$ L	
cardona-qft-methods_EQ0889 **[conf 0.077]**	345	■ 0.077	`\begin{array}{rll} \operatorname{Map}(8, M)=L M \times_{M} L M & \longrightarrow L M \times L M \\ \downarrow \Delta & \downarrow \\ M & \downarrow c M \times M \\ \downarrow^{e v \times e v} & \\ \downarrow^{e v \times e v} \end{array} c M \times M \text { }`	$\operatorname{Map}(8, M) = LM \times_M LM \longrightarrow LM \times LM$ $\downarrow \Delta$ $M \downarrow \qquad \downarrow cM \times M$ $\downarrow^{ev\times ev}$	
cardona-qft-methods_EQ0908 **[conf 0.080]**	350	■ 0.080	`\begin{array}{rlc} P_{g} M:{ }_{1} \times{ }_{0} P_{h} M & \longrightarrow & P_{g} M \times P_{h} M \\ \downarrow & & \downarrow \\ \downarrow e_{0} \circ \pi_{1} & & \\ M & & \downarrow \\ \downarrow & & \downarrow \times M \\ \downarrow & & \downarrow \times M \end{array}`	$P_g M :{}_1 \times{}_0 P_h M \longrightarrow P_g M \times P_h M$ $\downarrow \qquad \downarrow$ $\downarrow e_0 \circ \pi_1$ $M \qquad \downarrow$ $\downarrow \qquad \downarrow \times M$ $\downarrow \qquad \downarrow \times M$	
cardona-qft-methods_EQ0077	46	■ 0.150	`\left.\begin{array}{ccccccc} 1 & \rightarrow & \operatorname{Inn}(\mathcal{A}) & \longrightarrow & \operatorname{Aut}(\mathcal{A}) & \longrightarrow & \operatorname{Aut}(\mathcal{A}) / \operatorname{Inn}(\mathcal{A}) \end{array} \right\rvert\, \begin{gathered} 1, \\ 1 \\ \hline \end{gathered} \quad \mathcal{G} \quad \longrightarrow \quad \mathcal{G} \rtimes \operatorname{Diff}(M) \quad \longrightarrow \quad \operatorname{Diff}(M) \quad \rightarrow \quad 1 .`	*(not rendered)*	$\begin{array}{ccccccc} 1 & \rightarrow & Inn(\mathcal{A}) & \longrightarrow & Aut(\mathcal{A}) & \longrightarrow & Aut(\mathcal{A})/Inn(\mathcal{A}) & \rightarrow & 1, \\ 1 & \rightarrow & \mathcal{G} & \longrightarrow & \mathcal{G} \rtimes \operatorname{Diff}(M) & \longrightarrow & \operatorname{Diff}(M) & \rightarrow & 1. \end{array}$
cardona-qft-methods_EQ0716	275	■ 0.155	`\begin{aligned} & M_{a}(u)=L_{a, L}(u) L_{a, L-1}(u) \cdots L_{a, 2}(u) L_{a, 1}(u) \\ &=\left.a\right|_{L}^{L} \cdots \\ & \cdots \cdots \\ & L \end{aligned}`	$M_a(u) = L_{a,L}(u)L_{a,L-1}(u)\cdots L_{a,2}(u)L_{a,1}(u)$ $= a\|_L^L \cdots$ $\cdots\cdots$ L	
cardona-qft-methods_EQ0654 (4)	261	■ 0.167	`\phi_{\theta}(x) \phi_{\theta}(y)=e^{-\frac{1}{2} \frac{ \partial}{\partial x^{\mu}} \theta^{\mu \nu} \frac{ \partial}{\partial y^{\nu}}} \phi_{0}(x) \phi_{0}(y) e^{ \frac{1}{2}\left(\frac{\overleftarrow{\delta}}{\partial x^{\mu}}+\frac{\overleftarrow{\square}}{\partial y^{\mu}} \right) \theta^{\mu \nu} P_{\nu}} \neq \phi_{0}(x) \phi_{0}(y) .`	*(not rendered)*	$\phi_\theta(x)\phi_\theta(y) = e^{-\frac{1}{2}\frac{\partial}{\partial x^\mu}\theta^{\mu\nu}\frac{\partial}{\partial y^\nu}}\phi_0(x)\phi_0(y)e^{\frac{1}{2}\left(\frac{\overleftarrow{\partial}}{\partial x^\mu}+\frac{\overleftarrow{\partial}}{\partial y^\mu}\right)\theta^{\mu\nu}P_\nu} \neq \phi_0(x)\phi_0(y).$

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cardona-qft-methods_EQ0325 (11)	161	■0.219	\begin{aligned} d \eta_{a b}=D \eta_{a b}=0, & \\ d \epsilon_{a_{1} a_{2} \cdots s_{D}}=D \epsilon_{a_{1} a_{2} \cdots a_{D}}= & 0 . \end{aligned}	$$\begin{aligned} d \eta_{a b}=D \eta_{a b}=0, & \\ d \epsilon_{a_{1} a_{2} \cdots s_{D}}=D \epsilon_{a_{1} a_{2} \cdots a_{D}}= & 0 . \end{aligned}$$	$$\begin{aligned} d \eta_{a b}=D \eta_{a b}=0, & \\ d \epsilon_{a_{1} a_{2} \cdots s_{D}}=D \epsilon_{a_{1} a_{2} \cdots a_{D}}= & 0 . \end{aligned}$$
cardona-qft-methods_EQ0066 (19)	41	■0.286	\begin{aligned} & a_{0}(f, P)=(4 \pi)^{-d / 2} \int_{M} d v o l_{g} \operatorname{tr}_{V}(f), \\ & a_{2}(f, P)=\frac{(4 \pi)^{-d / 2}}{6} \int_{M} d v o l_{g} \operatorname{tr}_{V}[(f(6 E+s)], \\ & \begin{aligned} a_{4}(f, P)=\frac{(4 \pi)^{-d / 2}}{360} \int_{M} d v o l_{g} \operatorname{tr}_{V}\left[f \left(60 E_{; k k}+60 E s+180 E^{2}+12 R_{; k k}\right.\right. \\ \left.\left.+5 s^{2}-2 R_{i j} R_{i j}+2 R_{i j k l} R_{i j k l}+30 \Omega_{i j} \Omega_{i j}\right)\right] \end{aligned} \end{aligned} \end{aligned}	$$\begin{aligned} & a_{0}(f, P)=(4 \pi)^{-d / 2} \int_{M} d v o l_{g} \operatorname{tr}_{V}(f), \\ & a_{2}(f, P)=\frac{(4 \pi)^{-d / 2}}{6} \int_{M} d v o l_{g} \operatorname{tr}_{V}[(f(6 E+s)], \\ & \begin{aligned} a_{4}(f, P)=\frac{(4 \pi)^{-d / 2}}{360} \int_{M} d v o l_{g} \operatorname{tr}_{V}\left[f \left(60 E_{; k k}+60 E s+180 E^{2}+12 R_{; k k}\right.\right. \\ \left.\left.+5 s^{2}-2 R_{i j} R_{i j}+2 R_{i j k l} R_{i j k l}+30 \Omega_{i j} \Omega_{i j}\right)\right] \end{aligned} \end{aligned}$$	$$\begin{aligned} & a_{0}(f, P)=(4 \pi)^{-d / 2} \int_{M} d v o l_{g} \operatorname{tr}_{V}(f), \\ & a_{2}(f, P)=\frac{(4 \pi)^{-d / 2}}{6} \int_{M} d v o l_{g} \operatorname{tr}_{V}[(f(6 E+s)], \\ & \begin{aligned} a_{4}(f, P)=\frac{(4 \pi)^{-d / 2}}{360} \int_{M} d v o l_{g} \operatorname{tr}_{V}\left[f \left(60 E_{; k k}+60 E s+180 E^{2}+12 R_{; k k}\right.\right. \\ \left.\left.+5 s^{2}-2 R_{i j} R_{i j}+2 R_{i j k l} R_{i j k l}+30 \Omega_{i j} \Omega_{i j}\right)\right] \end{aligned} \end{aligned}$$
cardona-qft-methods_EQ0824 (3)	313	■0.289	\begin{gathered} \delta \psi_{M}=\nabla_{M} \epsilon+ \frac{1}{4} H_{M} \mathcal{P} \epsilon+\frac{1}{16} e^{\phi} \sum_{n} \not_{n}^{(10)} \Gamma_{M} \mathcal{P}_{n} \epsilon, \\ \delta \lambda=\left(\not \partial \phi+\frac{1}{2} \not H \mathcal{P}\right) \epsilon+\frac{1}{8} e^{\phi} \sum_{n}(-1)^{n}(5-n) \nvdash_{n}^{(10)} \mathcal{P}_{n} \epsilon . \end{gathered}	$$\begin{gathered} \delta \psi_{M}=\nabla_{M} \epsilon+ \frac{1}{4} H_{M} \mathcal{P} \epsilon+\frac{1}{16} e^{\phi} \sum_{n} \not_{n}^{(10)} \Gamma_{M} \mathcal{P}_{n} \epsilon, \\ \delta \lambda=\left(\not \partial \phi+\frac{1}{2} \not H \mathcal{P}\right) \epsilon+\frac{1}{8} e^{\phi} \sum_{n}(-1)^{n}(5-n) \nvdash_{n}^{(10)} \mathcal{P}_{n} \epsilon . \end{gathered}$$	$$\begin{gathered} \delta \psi_{M}=\nabla_{M} \epsilon+ \frac{1}{4} H_{M} \mathcal{P} \epsilon+\frac{1}{16} e^{\phi} \sum_{n} \not_{n}^{(10)} \Gamma_{M} \mathcal{P}_{n} \epsilon, \\ \delta \lambda=\left(\not \partial \phi+\frac{1}{2} \not H \mathcal{P}\right) \epsilon+\frac{1}{8} e^{\phi} \sum_{n}(-1)^{n}(5-n) \nvdash_{n}^{(10)} \mathcal{P}_{n} \epsilon . \end{gathered}$$
cardona-qft-methods_EQ0791 (32)	300	■0.292	\begin{array}{rc} \mathrm{R}-\mathrm{R}: \xi_{M N} \psi_{0}^{M} \tilde{\psi}_{0}^{N}|0\rangle, & \mathrm{NS}-\mathrm{R}: \xi_{M N} \psi_{1 / 2}^{M} \tilde{\psi}_{0}^{N}|0\rangle, \\ \mathrm{NS}-\mathrm{NS}: \xi_{M N} \psi_{1 / 2}^{M} \tilde{\psi}_{1 / 2}^{N}|0\rangle, & \mathrm{R}-\mathrm{NS}: \xi_{M N} \psi_{0}^{M} \tilde{\psi}_{1 / 2}^{N}|0\rangle . \end{array}	$$\begin{array}{rc} \mathrm{R}-\mathrm{R}: \xi_{M N} \psi_{0}^{M} \tilde{\psi}_{0}^{N}\|0\rangle, & \mathrm{NS}-\mathrm{R}: \xi_{M N} \psi_{1 / 2}^{M} \tilde{\psi}_{0}^{N}\|0\rangle, \\ \mathrm{NS}-\mathrm{NS}: \xi_{M N} \psi_{1 / 2}^{M} \tilde{\psi}_{1 / 2}^{N}\|0\rangle, & \mathrm{R}-\mathrm{NS}: \xi_{M N} \psi_{0}^{M} \tilde{\psi}_{1 / 2}^{N}\|0\rangle . \end{array}$$	$$\begin{array}{rc} \mathrm{R}-\mathrm{R}: \xi_{M N} \psi_{0}^{M} \tilde{\psi}_{0}^{N}\|0\rangle, & \mathrm{NS}-\mathrm{R}: \xi_{M N} \psi_{1 / 2}^{M} \tilde{\psi}_{0}^{N}\|0\rangle, \\ \mathrm{NS}-\mathrm{NS}: \xi_{M N} \psi_{1 / 2}^{M} \tilde{\psi}_{1 / 2}^{N}\|0\rangle, & \mathrm{R}-\mathrm{NS}: \xi_{M N} \psi_{0}^{M} \tilde{\psi}_{1 / 2}^{N}\|0\rangle . \end{array}$$
cardona-qft-methods_EQ1012	377	■0.300	\begin{aligned} &\left.\omega\right|_{x=0} \cong \chi_{0}(\omega)=\omega(1)=\langle\nu, \nu\rangle=1, \\ &\left.\partial_{x} \omega\right|_{x=0} \cong \chi_{0}(X \omega)=\left\langle\nu, X^{\dagger} \nu\right\rangle= \left\langle\binom{ 1}{0},\left(\begin{array}{cc} 0 & -1 \\ 1 & 0 \end{array}\right)\binom{1}{0}\right\rangle=0, \\ &\left.\partial_{x}^{2} \omega\right|_{x=0} \cong \chi_{0}\left(X^{2} \omega\right)=\left\langle\nu, \left(X^{\dagger}\right)^{2} \nu\right\rangle=\left \langle\binom{ 1}{0},\left(\begin{array}{cc} -1 & 0 \\ 0 & -1 \end{array}\right)\binom{1}{0}\right\rangle=-1, \end{aligned}	$$\begin{aligned} &\left.\omega\right\|_{x=0} \cong \chi_{0}(\omega)=\omega(1)=\langle\nu, \nu\rangle=1, \\ &\left.\partial_{x} \omega\right\|_{x=0} \cong \chi_{0}(X \omega)=\left\langle\nu, X^{\dagger} \nu\right\rangle= \left\langle\binom{ 1}{0},\left(\begin{array}{cc} 0 & -1 \\ 1 & 0 \end{array}\right)\binom{1}{0}\right\rangle=0, \\ &\left.\partial_{x}^{2} \omega\right\|_{x=0} \cong \chi_{0}\left(X^{2} \omega\right)=\left\langle\nu, \left(X^{\dagger}\right)^{2} \nu\right\rangle=\left \langle\binom{ 1}{0},\left(\begin{array}{cc} -1 & 0 \\ 0 & -1 \end{array}\right)\binom{1}{0}\right\rangle=-1, \end{aligned}$$	$$\begin{aligned} &\left.\omega\right\|_{x=0} \cong \chi_{0}(\omega)=\omega(1)=\langle\nu, \nu\rangle=1, \\ &\left.\partial_{x} \omega\right\|_{x=0} \cong \chi_{0}(X \omega)=\left\langle\nu, X^{\dagger} \nu\right\rangle= \left\langle\binom{ 1}{0},\left(\begin{array}{cc} 0 & -1 \\ 1 & 0 \end{array}\right)\binom{1}{0}\right\rangle=0, \\ &\left.\partial_{x}^{2} \omega\right\|_{x=0} \cong \chi_{0}\left(X^{2} \omega\right)=\left\langle\nu, \left(X^{\dagger}\right)^{2} \nu\right\rangle=\left \langle\binom{ 1}{0},\left(\begin{array}{cc} -1 & 0 \\ 0 & -1 \end{array}\right)\binom{1}{0}\right\rangle=-1, \end{aligned}$$

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cardona-qft-methods_ EQ0681	269	■0.304	`\begin{gathered} " \text { Group" } \approx e^{i \text { "Algebra" }}, \\ S U(2) \approx e^{i \mathfrak{s u}(2)} \end{gathered}`	$" \text{ Group}" \approx e^{i \text{ "Algebra" }}$, $SU(2) \approx e^{i\mathfrak{su}(2)}$	$"Group" \approx e^{i "Algebra"}$, $SU(2) \approx e^{i\mathfrak{su}(2)}$.
cardona-qft-methods_ EQ0158 (4)	87	■0.311	`\mathrm{t}-\operatorname{Ind}=i_{!}^{-1} j_{!}: K \left(T^{*} M\right) \rightarrow K(\{p t\}) \simeq \mathbb{Z} .`	$\mathrm{t}-\operatorname{Ind}=i_{!}^{-1} j_{!}: K\left(T^{*} M\right) \rightarrow K(\{p t\}) \simeq \mathbb{Z}$.	$\mathrm{t}\text{-}\operatorname{Ind} = i_{!}^{-1} j_{!}: K(T^{*} M) \rightarrow K(\{p t\}) \simeq \mathbb{Z}$.
cardona-qft-methods_ EQ0501	226	■0.333	`\left.\sum_{\text {generations }}\left(m_{ \nu}^{2}+m_{e}^{2}+3 m_{u}^{2}+3 m_{d}^{2}\right) \right|_{\Lambda=\Lambda_{u n i f}}=\left.8 M_{W}^{2} \right|_{\Lambda=\Lambda_{u n i f}}`	$\left.\sum_{\text{generations}}\left(m_{\nu}^{2}+m_{e}^{2}+3 m_{u}^{2}+3 m_{d}^{2}\right)\right\|_{\Lambda=\Lambda_{unif}} = \left.8 M_{W}^{2}\right\|_{\Lambda=\Lambda_{unif}}$	$\sum_{generations}\left(m_{\nu}^{2}+m_{e}^{2}+3 m_{u}^{2}+3 m_{d}^{2}\right)\|_{\Lambda=\Lambda_{unif}} = \left.8 M_{W}^{2}\right\|_{\Lambda=\Lambda_{unif}}$
cardona-qft-methods_ EQ0049 (14)	35	■0.362	`\left.\mathcal{H}=L^{2}((M, g), S)\right)=\left\{\psi \in \Gamma^{\infty}(M, S) \mid \int_{M}\langle\psi, \psi \rangle_{x} d \operatorname{vol}_{g}(x)<\infty\right\}`	$\mathcal{H}=L^{2}((M, g), S))=\left\{\psi \in \Gamma^{\infty}(M, S) \mid \int_{M}\langle\psi, \psi\rangle_{x} d \operatorname{vol}_{g}(x)<\infty\right\}$	$\mathcal{H}=L^{2}((M, g), S))=\{\psi \in \Gamma^{\infty}(M, S) \mid \int_{M}\langle\psi, \psi\rangle_{x} d vol_{g}(x)<\infty\}$
cardona-qft-methods_ EQ0795 (36)	301	■0.396	`\begin{aligned} & \operatorname{type} \text { IIB } \mathrm{NS}-\mathrm{R}: \mathbf{8}_{v} \otimes \mathbf{8}_{s}=\mathbf{8}_{s} \oplus \mathbf{5 6}_{s}= \lambda^{1} \oplus \Psi^{1 M}, \\ & \mathrm{R}-\mathrm{NS}: \mathbf{8}_{s} \otimes \mathbf{8}_{v}= \mathbf{8}_{s} \oplus \mathbf{5 6}_{s}=\lambda^{2} \oplus \Psi^{2 M}, \\ & \text { type IIA } \mathrm{NS}-\mathrm{R}: \mathbf{8}_{v} \otimes \mathbf{8}_{c}= \mathbf{8}_{c} \oplus \mathbf{5 6}_{c}=\lambda^{1} \oplus \Psi^{1 M}, \\ & \mathrm{R}-\mathrm{NS}: \mathbf{8}_{s} \otimes \mathbf{8}_{v}=\mathbf{8}_{s} \oplus \mathbf{5 6}_{s}=\lambda^{2} \oplus \Psi^{2 M} . \end{aligned}`	$\operatorname{type} \text{ IIB } \mathrm{NS}-\mathrm{R}: \mathbf{8}_{v} \otimes \mathbf{8}_{s}=\mathbf{8}_{s} \oplus \mathbf{56}_{s}=\lambda^{1} \oplus \Psi^{1M}$, $\mathrm{R}-\mathrm{NS}: \mathbf{8}_{s} \otimes \mathbf{8}_{v}=\mathbf{8}_{s} \oplus \mathbf{56}_{s}=\lambda^{2} \oplus \Psi^{2M}$, $\text{type IIA } \mathrm{NS}-\mathrm{R}: \mathbf{8}_{v} \otimes \mathbf{8}_{c}=\mathbf{8}_{c} \oplus \mathbf{56}_{c}=\lambda^{1} \oplus \Psi^{1M}$, $\mathrm{R}-\mathrm{NS}: \mathbf{8}_{s} \otimes \mathbf{8}_{v}=\mathbf{8}_{s} \oplus \mathbf{56}_{s}=\lambda^{2} \oplus \Psi^{2M}$.	$\operatorname{type} \text{ IIB } \mathrm{NS}-\mathrm{R}: \mathbf{8}_{v} \otimes \mathbf{8}_{s}=\mathbf{8}_{s} \oplus \mathbf{56}_{s}=\lambda^{1} \oplus \Psi^{1 M}$, $\mathrm{R}-\mathrm{NS}: \mathbf{8}_{s} \otimes \mathbf{8}_{v}=\mathbf{8}_{s} \oplus \mathbf{56}_{s}=\lambda^{2} \oplus \Psi^{2 M}$, $\text{type IIA } \mathrm{NS}-\mathrm{R}: \mathbf{8}_{v} \otimes \mathbf{8}_{c}=\mathbf{8}_{c} \oplus \mathbf{56}_{c}=\lambda^{1} \oplus \Psi^{1 M}$, $\mathrm{R}-\mathrm{NS}: \mathbf{8}_{s} \otimes \mathbf{8}_{v}=\mathbf{8}_{s} \oplus \mathbf{56}_{s}=\lambda^{2} \oplus \Psi^{2 M}$.
cardona-qft-methods_ EQ0028	27	■0.431	`\begin{aligned} W R e s\left((1+\Delta)^{-d / 2}\right) & =\int_{M}|d x| \int_{\mathbb{S}^{d-1}}|\xi|_{x}^{-d} d \xi=\int_{M}|d x| \sqrt{\operatorname{det} g_{x}} \operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) \\ & =\operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1} \right) \int_{\mathrm{M}}\left|\operatorname{dvolg}_{ \mathrm{g}}\right|=\operatorname{Vol}\left(\mathbb{S}^{ \mathrm{d}-1}\right) \end{aligned}`	$\begin{aligned} W R e s\left((1+\Delta)^{-d / 2}\right) & =\int_{M}\|d x\| \int_{\mathbb{S}^{d-1}}\|\xi\|_{x}^{-d} d \xi=\int_{M}\|d x\| \sqrt{\operatorname{det} g_{x}} \operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) \\ & =\operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) \int_{\mathrm{M}}\left\|\operatorname{dvolg}_{\mathrm{g}}\right\|=\operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) \end{aligned}$	$\begin{aligned} W R e s\left((1+\Delta)^{-d / 2}\right) & =\int_{M}\|d x\| \int_{\mathbb{S}^{d-1}}\|\xi\|_{x}^{-d} d \xi=\int_{M}\|d x\| \sqrt{\operatorname{det} g_{x}} \operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) \\ & =\operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) \int_{\mathrm{M}}\left\|\operatorname{dvolg}_{\mathrm{g}}\right\|=\operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right). \end{aligned}$ □
cardona-qft-methods_ EQ0148 (1)	83	■0.450	`\left.\mathcal{D} \rightsquigarrow \sigma_{L}( \mathcal{D}) \rightsquigarrow \text { an element of } K \text {-theory } \rightsquigarrow \mathrm{t} \text { - } \operatorname{Ind}\left(\sigma_{L}(\mathcal{D})\right) \right) \in \mathbb{Z} \text {. }`	$\mathcal{D} \rightsquigarrow \sigma_{L}(\mathcal{D}) \rightsquigarrow \text{ an element of } K\text{-theory } \rightsquigarrow \mathrm{t}\text{ - } \operatorname{Ind}\left(\sigma_{L}(\mathcal{D})\right) \in \mathbb{Z}$.	$\mathcal{D} \rightsquigarrow \sigma_{L}(\mathcal{D}) \rightsquigarrow \text{ an element of } K\text{-theory } \rightsquigarrow \mathrm{t}\text{-}\operatorname{Ind}(\sigma_{L}(\mathcal{D})) \in \mathbb{Z}$.
cardona-qft-methods_ EQ0515 (1)	236	■0.478	`\lambda_{C}=\frac{\hbar}{M c} \leq L \text { or } M \geq \frac{\hbar}{L c} \simeq 10^{19} \mathrm{GeV} \text { (Planck mass) } \simeq 10^{-5} \text { grams } .`	$\lambda_{C}=\frac{\hbar}{M c} \leq L \text{ or } M \geq \frac{\hbar}{L c} \simeq 10^{19} \mathrm{GeV} \text{ (Planck mass) } \simeq 10^{-5} \text{ grams}$.	$\lambda_{C}=\frac{\hbar}{M c} \leq L \text{ or } M \geq \frac{\hbar}{L c} \simeq 10^{19} \mathrm{GeV} \text{ (Planck mass) } \simeq 10^{-5} \text{grams}$.
cardona-qft-methods_ EQ0019 (7)	24	■0.490	`W \operatorname{Res} P=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}}\left(P|\mathcal{D}|^{-s}\right) .`	$W \operatorname{Res} P=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}\left(P\|\mathcal{D}\|^{-s}\right)$.	$W \operatorname{Res} P=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}\left(P\|\mathcal{D}\|^{-s}\right)$.

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cardona-qft-methods_EQ0324 (10)	161	0.495	`\begin{aligned} \phi_{\\|}^{a}(x)-\phi^{a}(x) & =d \phi^{a}(x)+\omega_{b}^{a}(x) \phi^{b}(x)=D \phi^{a}(x) \\ \omega^{\prime a}(x) & =\Lambda_{c}^{a}(x) \Lambda_{b}^{d}(x) \omega_{d}^{c}(x)+\Lambda_{c}^{a}(x) d \Lambda_{b}^{c}(x) \end{aligned}`	$\begin{aligned} \phi_{\\|}^{a}(x)-\phi^{a}(x) & =d \phi^{a}(x)+\omega_{b}^{a}(x) \phi^{b}(x)=D \phi^{a}(x) \\ \omega^{\prime a}(x) & =\Lambda_{c}^{a}(x) \Lambda_{b}^{d}(x) \omega_{d}^{c}(x)+\Lambda_{c}^{a}(x) d \Lambda_{b}^{c}(x) \end{aligned}$	$\begin{aligned} \phi_{\\|}^{a}(x)-\phi^{a}(x) & =d \phi^{a}(x)+\omega_{b}^{a}(x) \phi^{b}(x)=D \phi^{a}(x) \\ \omega^{\prime a}(x) & =\Lambda_{c}^{a}(x) \Lambda_{b}^{d}(x) \omega_{d}^{c}(x)+\Lambda_{c}^{a}(x) d \Lambda_{b}^{c}(x), \end{aligned}$
cardona-qft-methods_EQ0481	219	0.498	`P f(\mathfrak{A})=\int e^{-\frac{1}{2} \mathfrak{A}(\tilde{\xi})} D[\tilde{\xi}],`	$Pf(\mathfrak{A})=\int e^{-\frac{1}{2} \mathfrak{A}(\tilde{\xi})} D[\tilde{\xi}],$	$Pf(\mathfrak{A})=\int e^{-\frac{1}{2} \mathfrak{A}(\tilde{\xi})} D[\tilde{\xi}],$
cardona-qft-methods_EQ1001	375	0.508	`\begin{aligned} X(a b) & =(a \otimes b) \circ \left(X^{\dagger}(\cdot) \otimes \operatorname{Id}+ \operatorname{Id} \otimes X^{\dagger}(\cdot)\right) \circ \Delta \\ & =(X a \otimes b+a \otimes X b) \circ \Delta=(X a) b+a(X b) . \end{aligned}`	$\begin{aligned} X(a b) & =(a \otimes b) \circ \left(X^{\dagger}(\cdot) \otimes \operatorname{Id}+ \operatorname{Id} \otimes X^{\dagger}(\cdot)\right) \circ \Delta \\ & =(X a \otimes b+a \otimes X b) \circ \Delta=(X a) b+a(X b) . \end{aligned}$	$\begin{aligned} X(a b) & =(a \otimes b) \circ \left(X^{\dagger}(\cdot) \otimes \operatorname{Id}+ \operatorname{Id} \otimes X^{\dagger}(\cdot)\right) \circ \Delta \\ & =(X a \otimes b+a \otimes X b) \circ \Delta=(X a) b+a(X b) . \end{aligned}$
cardona-qft-methods_EQ0712	274	0.516	`R_{a, b}(u)=u 1_{a, b}+i P_{a, b}=\left( \begin{array}{cccc} u+i & 0 & 0 & 0 \\ 0 & u & i & 0 \\ 0 & i & u & 0 \\ 0 & 0 & 0 & u+i \end{array}\right),`	$R_{a, b}(u)=u 1_{a, b}+i P_{a, b}=\left(\begin{array}{cccc} u+i & 0 & 0 & 0 \\ 0 & u & i & 0 \\ 0 & i & u & 0 \\ 0 & 0 & 0 & u+i \end{array}\right),$	$R_{a, b}(u)=u 1_{a, b}+i P_{a, b}=\left(\begin{array}{cccc} u+i & 0 & 0 & 0 \\ 0 & u & i & 0 \\ 0 & i & u & 0 \\ 0 & 0 & 0 & u+i \end{array}\right),$
cardona-qft-methods_EQ0890	345	0.517	`\begin{aligned} H_{*}(L M) \otimes H_{*}(L M) \rightarrow H_{*}(L M \times L M) \\ & H_{*} \left(\operatorname{Map}(8, M)^{e v^{*}(T M)} \right) \xrightarrow{\tau_{\Delta *}} H_{*-n}( \operatorname{Map}(8, M)) \\ & \downarrow \\ & H_{*-n}(L M) \end{aligned}`	$\begin{aligned} H_{*}(L M) \otimes H_{*}(L M) \rightarrow H_{*}(L M \times L M) \\ & H_{*} \left(\operatorname{Map}(8, M)^{e v^{*}(T M)} \right) \xrightarrow{\tau_{\Delta *}} H_{*-n}(\operatorname{Map}(8, M)) \\ & \downarrow \\ & H_{*-n}(L M) \end{aligned}$	$\begin{aligned} H_{*}(L M) \otimes H_{*}(L M) \rightarrow H_{*}(L M \times L M) \\ & H_{*} \left(\operatorname{Map}(8, M)^{e v^{*}(T M)} \right) \xrightarrow{\tau_{\Delta *}} H_{*-n}(\operatorname{Map}(8, M)) \\ & \downarrow \\ & H_{*-n}(L M) \end{aligned}$
cardona-qft-methods_EQ0012	20	0.522	`\sigma_{m}^{P}(x, \xi)=\lim _{t \rightarrow \infty} t^{-m} e^{-i \operatorname{th}(x)} P e^{i \operatorname{th}(x)},`	$\sigma_{m}^{P}(x, \xi)=\lim _{t \rightarrow \infty} t^{-m} e^{-i \operatorname{th}(x)} P e^{i \operatorname{th}(x)},$	$\sigma_{m}^{P}(x, \xi)=\lim _{t \rightarrow \infty} t^{-m} e^{-i t h(x)} P e^{i t h(x)},$
cardona-qft-methods_EQ0201	96	0.522	`\langle d \alpha, \beta\rangle=\left\langle\alpha, d^{*} \beta\right\rangle, \quad \text { for all } \quad \alpha, \beta \in \Omega^{*}(M, E) .`	$\langle d \alpha, \beta\rangle=\left\langle\alpha, d^{*} \beta\right\rangle, \quad \text { for all } \quad \alpha, \beta \in \Omega^{*}(M, E) .$	$\langle d \alpha, \beta\rangle=\left\langle\alpha, d^{*} \beta\right\rangle, \quad \text { for all } \quad \alpha, \beta \in \Omega^{*}(M, E) .$
cardona-qft-methods_EQ0895	346	0.523	`L M^{e v^{*}(-T M)} \wedge L M^{e v^{*}(-T M)} \rightarrow \operatorname{Map}(8, M)^{e v^{*}(-T M)} .`	$L M^{e v^{*}(-T M)} \wedge L M^{e v^{*}(-T M)} \rightarrow \operatorname{Map}(8, M)^{e v^{*}(-T M)} .$	$L M^{e v^{*}(-T M)} \wedge L M^{e v^{*}(-T M)} \rightarrow \operatorname{Map}(8, M)^{e v^{*}(-T M)} .$

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cardona-qft-methods_EQ0099	57	0.523	`\begin{aligned} \operatorname{Tr}\left(f\left(\mathcal{D}^{2} / \Lambda^{2}\right)\right) \sim \frac{1}{(4 \pi)^{2}} & {\left[\operatorname{rk}(\mathrm{E}) \int_{0}^{\infty} x f(x) d x \Lambda^{4}+b_{2}\left(\mathcal{D}^{2}\right) \int_{0}^{ \infty} f(x) d x \Lambda^{2}\right.} \\ & \left.+ \sum_{m=0}^{\infty}(-1)^{m} f^{(m)}(0) b_{2 m+4}\left(\mathcal{D}^{2}\right) \Lambda^{-2 m}\right], \quad \Lambda \rightarrow \infty \end{aligned}`	$\operatorname{Tr}\left(f\left(\mathcal{D}^{2} / \Lambda^{2}\right)\right) \sim \frac{1}{(4 \pi)^{2}} & {\left[\operatorname{rk}(\mathrm{E}) \int_{0}^{\infty} x f(x) d x \Lambda^{4}+b_{2}\left(\mathcal{D}^{2}\right) \int_{0}^{\infty} f(x) d x \Lambda^{2}\right.} \\ & \left.+ \sum_{m=0}^{\infty}(-1)^{m} f^{(m)}(0) b_{2 m+4}\left(\mathcal{D}^{2}\right) \Lambda^{-2 m}\right], \quad \Lambda \rightarrow \infty$	$\operatorname{Tr}\left(f\left(\mathcal{D}^{2} / \Lambda^{2}\right)\right) \sim \frac{1}{(4 \pi)^{2}} & {\left[\operatorname{rk}(\mathrm{E}) \int_{0}^{\infty} x f(x) d x \Lambda^{4}+b_{2}\left(\mathcal{D}^{2}\right) \int_{0}^{\infty} f(x) d x \Lambda^{2}\right.} \\ & \left.+ \sum_{m=0}^{\infty}(-1)^{m} f^{(m)}(0) b_{2 m+4}\left(\mathcal{D}^{2}\right) \Lambda^{-2 m}\right], \quad \Lambda \rightarrow \infty$
cardona-qft-methods_EQ0154 (3)	85	0.523	`\sigma_{L}(\mathcal{D}): \pi^{\star} E \rightarrow \pi^{ \star} F .`	$\sigma_{L}(\mathcal{D}): \pi^{\star} E \rightarrow \pi^{\star} F .$	$\sigma_{L}(\mathcal{D}): \pi^{\star} E \rightarrow \pi^{\star} F .$
cardona-qft-methods_EQ0919	352	0.527	`C_{*}\left(P_{G} M^{-T M}\right) \stackrel{\simeq}{ \rightarrow} \mathcal{R} \mathcal{H o m}_{C^{*}(M)^{e}} \left(C^{*}(M), C^{*}(M) \# G\right)`	$C_{*}\left(P_{G} M^{-T M}\right) \stackrel{\simeq}{\rightarrow} \mathcal{R} \mathcal{H} o m_{C^{*}(M)^{e}}\left(C^{*}(M), C^{*}(M) \# G\right)$	$C_{*}\left(P_{G} M^{-T M}\right) \stackrel{\simeq}{\rightarrow} \mathcal{R} \mathcal{H} o m_{C^{*}(M)^{e}}\left(C^{*}(M), C^{*}(M) \# G\right)$
cardona-qft-methods_EQ0356 (25)	171	0.527	`\begin{aligned} \mathbf{P}_{8} & =R_{a_{2}}^{a_{1}} R_{a_{3}}^{a_{2}} \cdots R_{a_{1}}^{a_{4}}, \\ \left( \mathbf{P}_{4}\right)^{2} & =\left(R_{b}^{a} R_{a}^{b}\right)^{2}, \end{aligned}`	$\begin{aligned} \mathbf{P}_{8} & =R_{a_{2}}^{a_{1}} R_{a_{3}}^{a_{2}} \cdots R_{a_{1}}^{a_{4}}, \\ \left(\mathbf{P}_{4}\right)^{2} & =\left(R_{b}^{a} R_{a}^{b}\right)^{2}, \end{aligned}$	$\begin{aligned} \mathbf{P}_{8} & =R_{a_{2}}^{a_{1}} R_{a_{3}}^{a_{2}} \cdots R_{a_{1}}^{a_{4}}, \\ \left(\mathbf{P}_{4}\right)^{2} & =\left(R_{b}^{a} R_{a}^{b}\right)^{2}, \end{aligned}$
cardona-qft-methods_EQ0424	202	0.529	`\begin{aligned} C_{\lambda \mu \nu \kappa}=R_{\lambda \mu \nu \kappa} & -\frac{1}{2}\left(g_{\lambda \nu} R_{\mu \kappa}-g_{\lambda \kappa} R_{\mu \nu}-g_{\mu \nu} R_{ \lambda \kappa}+g_{\mu \kappa} R_{\lambda \nu}\right) \ \ & +\frac{1}{6} R_{\alpha}^{\alpha}\left(g_{\lambda \nu} g_{\mu \kappa}-g_{\lambda \kappa} g_{\mu \nu}\right) . \end{aligned}`	$\begin{aligned} C_{\lambda \mu \nu \kappa}=R_{\lambda \mu \nu \kappa} & -\frac{1}{2}\left(g_{\lambda \nu} R_{\mu \kappa}-g_{\lambda \kappa} R_{\mu \nu}-g_{\mu \nu} R_{\lambda \kappa}+g_{\mu \kappa} R_{\lambda \nu}\right) \\ & +\frac{1}{6} R_{\alpha}^{\alpha}\left(g_{\lambda \nu} g_{\mu \kappa}-g_{\lambda \kappa} g_{\mu \nu}\right) . \end{aligned}$	$\begin{aligned} C_{\lambda \mu \nu \kappa}=R_{\lambda \mu \nu \kappa} & -\frac{1}{2}\left(g_{\lambda \nu} R_{\mu \kappa}-g_{\lambda \kappa} R_{\mu \nu}-g_{\mu \nu} R_{\lambda \kappa}+g_{\mu \kappa} R_{\lambda \nu}\right) \\ & +\frac{1}{6} R_{\alpha}^{\alpha}\left(g_{\lambda \nu} g_{\mu \kappa}-g_{\lambda \kappa} g_{\mu \nu}\right) . \end{aligned}$
cardona-qft-methods_EQ0026	27	0.531	`T(P)=\mu\left(c_{P}(x)\right)=c \int_{M} c_{P}(x)|d x|=c W R e s(P)`	$T(P)=\mu\left(c_{P}(x)\right)=c \int_{M} c_{P}(x)\|d x\|=c W R e s(P)$	$T(P)=\mu\left(c_{P}(x)\right)=c \int_{M} c_{P}(x)\|d x\|=c W R e s(P)$
cardona-qft-methods_EQ0747	283	0.535	`\mathcal{D}=\mathcal{D}_{0}+\frac{g_{\mathrm{YM}}^{2}}{16 \pi^{2}} \hat{H}_{X X X}+O\left(g_{\mathrm{YM}}^{4} \right) .`	$\mathcal{D}=\mathcal{D}_{0}+\frac{g_{\mathrm{YM}}^{2}}{16 \pi^{2}} \hat{H}_{X X X}+O\left(g_{\mathrm{YM}}^{4}\right) .$	$\mathcal{D}=\mathcal{D}_{0}+\frac{g_{\mathrm{YM}}^{2}}{16 \pi^{2}} \hat{H}_{X X X}+O\left(g_{\mathrm{YM}}^{4}\right) .$
cardona-qft-methods_EQ0831 (10)	314	0.539	`\begin{aligned} & \epsilon_{\mathrm{IIA}}^{1}= \xi_{+}^{1} \otimes \eta_{+}^{1}+\xi_{-}^{1} \otimes \eta_{-}^{1} \\ & \epsilon_{\mathrm{IIA}}^{2}=\xi_{+}^{2} \otimes \eta_{-}^{2}+\xi_{-}^{2} \otimes \eta_{+}^{2} \end{aligned}`	$\begin{aligned} & \epsilon_{\mathrm{IIA}}^{1}=\xi_{+}^{1} \otimes \eta_{+}^{1}+\xi_{-}^{1} \otimes \eta_{-}^{1} \\ & \epsilon_{\mathrm{IIA}}^{2}=\xi_{+}^{2} \otimes \eta_{-}^{2}+\xi_{-}^{2} \otimes \eta_{+}^{2} \end{aligned}$	$\begin{aligned} & \epsilon_{\mathrm{IIA}}^{1}=\xi_{+}^{1} \otimes \eta_{+}^{1}+\xi_{-}^{1} \otimes \eta_{-}^{1} \\ & \epsilon_{\mathrm{IIA}}^{2}=\xi_{+}^{2} \otimes \eta_{-}^{2}+\xi_{-}^{2} \otimes \eta_{+}^{2} \end{aligned}$
cardona-qft-methods_EQ0834 (13)	317	0.540	`\begin{aligned} & e^{-2 A+\phi}(\mathrm{d}+H \wedge) \left(e^{2 A-\phi} \Phi_{+}\right)=0 \\ & e^{-2 A+\phi}( \mathrm{d}+H \wedge)\left(e^{2 A-\phi} \Phi_{-}\right)= \mathrm{d} A \wedge \bar{\Phi}_{-}+\frac{\mathrm{i}}{16} e^{\phi+A} * F_{\text {IIA }}+ \end{aligned}`	$\begin{aligned} & e^{-2 A+\phi}(\mathrm{d}+H \wedge)\left(e^{2 A-\phi} \Phi_{+}\right)=0 \\ & e^{-2 A+\phi}(\mathrm{d}+H \wedge)\left(e^{2 A-\phi} \Phi_{-}\right)=\mathrm{d} A \wedge \bar{\Phi}_{-}+\frac{\mathrm{i}}{16} e^{\phi+A} * F_{\mathrm{IIA}+} \end{aligned}$	$\begin{aligned} & e^{-2 A+\phi}(\mathrm{d}+H \wedge)\left(e^{2 A-\phi} \Phi_{+}\right)=0 \\ & e^{-2 A+\phi}(\mathrm{d}+H \wedge)\left(e^{2 A-\phi} \Phi_{-}\right)=\mathrm{d} A \wedge \bar{\Phi}_{-}+\frac{\mathrm{i}}{16} e^{\phi+A} * F_{\mathrm{IIA}+} \end{aligned}$

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cardona-qft-methods_EQ0031	29	0.541	`\begin{aligned} & \sigma_{N}\left(T_{1}+T_{2}\right) \leq \sigma_{N}\left(T_{1}\right)+\sigma_{N}\left(T_{2}\right) \\ & \sigma_{N_{1}}\left(T_{1}\right)+\sigma_{N_{2}}\left(T_{2}\right) \leq \sigma_{N_{1}+N_{2}}\left(T_{1}+T_{2}\right) \text { when } T_{1}, T_{2} \geq 0 . \end{aligned}`	$\sigma_N\left(T_1+T_2\right) \leq \sigma_N\left(T_1\right)+\sigma_N\left(T_2\right)$ $\sigma_{N_1}\left(T_1\right)+\sigma_{N_2}\left(T_2\right) \leq \sigma_{N_1+N_2}\left(T_1+T_2\right)$ when $T_1, T_2 \geq 0$.	$\sigma_N(T_1+T_2) \leq \sigma_N(T_1)+\sigma_N(T_2)$, $\sigma_{N_1}(T_1)+\sigma_{N_2}(T_2) \leq \sigma_{N_1+N_2}(T_1+T_2)$ when $T_1, T_2 \geq 0$.
cardona-qft-methods_EQ0748	284	0.547	`\begin{aligned} A d S_{5} & : & -R^{2} & =-Z_{0}^{2}+Z_{1}^{2}+Z_{2}^{2}+Z_{3}^{2}+Z_{4}^{2}-Z_{5}^{2} \\ S^{5} & : & R^{2} & =Y_{1}^{2}+Y_{2}^{2}+Y_{3}^{2}+Y_{4}^{2}+Y_{5}^{2}+Y_{6}^{2} \end{aligned}`	$\begin{aligned} AdS_5: & \quad -R^2=-Z_0^2+Z_1^2+Z_2^2+Z_3^2+Z_4^2-Z_5^2 \\ S^5: & \quad R^2=Y_1^2+Y_2^2+Y_3^2+Y_4^2+Y_5^2+Y_6^2 \end{aligned}$	$\begin{aligned} AdS_5: & \quad -R^2=-Z_0^2+Z_1^2+Z_2^2+Z_3^2+Z_4^2-Z_5^2, \\ S^5: & \quad R^2=Y_1^2+Y_2^2+Y_3^2+Y_4^2+Y_5^2+Y_6^2 . \end{aligned}$
cardona-qft-methods_EQ0936	354	0.552	`H H^{*}(\mathbb{Z} G, \mathbb{Z} G) \cong H_{*}^{ \mathrm{pro}}\left(L B G^{-T B G}\right) .`	$HH^*(\mathbb{Z}G, \mathbb{Z}G) \cong H_*^{\mathrm{pro}}\left(LBG^{-TBG}\right)$.	$HH^*(\mathbb{Z}G, \mathbb{Z}G) \cong H_*^{\mathrm{pro}}(LBG^{-TBG})$.
cardona-qft-methods_EQ0778 (19)	297	0.557	`T_{\alpha}^{\alpha}{ }_{\alpha}=-\frac{1}{2 \alpha^{ \prime}} \beta_{M N}^{G} g^{\alpha \beta} \partial_{ \alpha} X^{M} \partial_{\beta} X^{N}-\frac{i}{2 \alpha^{\prime}} \beta_{M N}^{B} \epsilon^{\alpha \beta} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}- \frac{1}{2} \beta^{\Phi} R .`	$T^{\alpha}{}_{\alpha}=-\frac{1}{2\alpha'}\beta^G_{MN}g^{\alpha\beta}\partial_\alpha X^M\partial_\beta X^N-\frac{i}{2\alpha'}\beta^B_{MN}\epsilon^{\alpha\beta}\partial_\alpha X^M\partial_\beta X^N-\frac{1}{2}\beta^\Phi R.$	$T^{\alpha}{}_{\alpha}=-\frac{1}{2\alpha'}\beta^G_{MN}g^{\alpha\beta}\partial_\alpha X^M\partial_\beta X^N-\frac{i}{2\alpha'}\beta^B_{MN}\epsilon^{\alpha\beta}\partial_\alpha X^M\partial_\beta X^N-\frac{1}{2}\beta^\Phi R$.
cardona-qft-methods_EQ0149	83	0.565	`\text { elliptic operators } \rightarrow \mathbb{Z}, \quad \mathcal{D} \mapsto \text { t-Ind }\left( \sigma_{L}(\mathcal{D})\right)`	$\text{elliptic operators } \rightarrow \mathbb{Z}, \quad \mathcal{D} \mapsto \text{t-Ind}\left(\sigma_L(\mathcal{D})\right)$	$\text{elliptic operators } \rightarrow \mathbb{Z}, \quad \mathcal{D} \mapsto \text{t-Ind}(\sigma_L(\mathcal{D}))$
cardona-qft-methods_EQ0978 (18)	364	0.570	`\left[\mathcal{S}_{n}\right]=\left[\Sigma_{n}\right]-n \mathbb{T}^{n-2}=\sum_{i=2}^{n-1}\binom{n}{i} \mathbb{T}^{n-1-i} .`	$\left[\mathcal{S}_n\right]=\left[\Sigma_n\right]-n \mathbb{T}^{n-2}=\sum_{i=2}^{n-1}\binom{n}{i} \mathbb{T}^{n-1-i}$.	$\left[\mathcal{S}_n\right]=\left[\Sigma_n\right]-n \mathbb{T}^{n-2}=\sum_{i=2}^{n-1}\binom{n}{i} \mathbb{T}^{n-1-i}$.
cardona-qft-methods_EQ0558	246	0.574	`\begin{aligned} \Delta(\eta)=\sum_{\alpha} \eta_{ \alpha}^{(1)} \otimes \eta_{\alpha}^{(2)} & \equiv \eta_{ \alpha}^{(1)} \otimes \eta_{\alpha}^{(2)} \\ & \equiv \eta^{(1)} \otimes \eta^{(2)} . \end{aligned}`	$\begin{aligned} \Delta(\eta)=\sum_\alpha \eta_\alpha^{(1)} \otimes \eta_\alpha^{(2)} & \equiv \eta_\alpha^{(1)} \otimes \eta_\alpha^{(2)} \\ & \equiv \eta^{(1)} \otimes \eta^{(2)}. \end{aligned}$	$\begin{aligned} \Delta(\eta)=\sum_\alpha \eta_\alpha^{(1)} \otimes \eta_\alpha^{(2)} & \equiv \eta_\alpha^{(1)} \otimes \eta_\alpha^{(2)} \\ & \equiv \eta^{(1)} \otimes \eta^{(2)}. \end{aligned}$
cardona-qft-methods_EQ0548	244	0.577	`\begin{aligned} & m_{r}(\xi \otimes \eta \otimes \rho)= \eta \xi \otimes \rho \\ & m_{r}^{\prime}(\xi \otimes \eta \otimes \rho)=\rho \otimes \eta \xi \end{aligned}`	$\begin{aligned} & m_r(\xi \otimes \eta \otimes \rho)=\eta \xi \otimes \rho \\ & m_r^{\prime}(\xi \otimes \eta \otimes \rho)=\rho \otimes \eta \xi \end{aligned}$	$\begin{aligned} & m_r(\xi \otimes \eta \otimes \rho)=\eta \xi \otimes \rho \\ & m_r^{\prime}(\xi \otimes \eta \otimes \rho)=\rho \otimes \eta \xi. \end{aligned}$
cardona-qft-methods_EQ0035 (10)	29	0.578	`\mathcal{L}^{1}(\mathcal{H}) \subset \mathcal{L}^{1, \infty} \subset \mathcal{L}^{p}(\mathcal{H}) \quad \text { for } p>1, \quad\\|T\\| \leq\\|T\\|_{1, \infty} \leq\\|T \\|_{1} .`	$\mathcal{L}^1(\mathcal{H}) \subset \mathcal{L}^{1,\infty} \subset \mathcal{L}^p(\mathcal{H}) \quad \text{for } p>1, \quad \|T\| \leq \|T\|_{1,\infty} \leq \|T\|_1$.	$\mathcal{L}^1(\mathcal{H}) \subset \mathcal{L}^{1,\infty} \subset \mathcal{L}^p(\mathcal{H}) \quad \text{for } p>1, \quad \|T\| \leq \|T\|_{1,\infty} \leq \|T\|_1$.
cardona-qft-methods_EQ0674	267	0.578	`Z_{s t r}\left[\left.\phi\right|_{\partial A d S}=J \right]=Z_{C F T}[J]`	$Z_{str}\left[\phi\|_{\partial AdS}=J\right]=Z_{CFT}[J]$	$Z_{str}[\phi\|_{\partial AdS}=J]=Z_{CFT}[J]$
cardona-qft-methods_EQ0735 (3)	280	0.578	`\begin{aligned} {\left[M_{\mu \nu}, M_{\rho \sigma} \right] } & =i\left(\eta_{\mu \rho} M_{\nu \sigma}+\eta_{ \nu \sigma} M_{\mu \rho}-\eta_{\mu \sigma} M_{\nu \rho}- \eta_{\nu \rho} M_{\mu \sigma}\right), \\ {\left[M_{\mu \nu}, P_{\rho}\right] } & =i\left(\eta_{\rho \nu} P_{ \mu}-\eta_{\mu \rho} P_{\nu}\right), \\ {\left[P_{\mu}, P_{\nu}\right] } & =0 . \end{aligned}`	$\begin{aligned} [M_{\mu\nu}, M_{\rho\sigma}] &= i\left(\eta_{\mu\rho}M_{\nu\sigma}+\eta_{\nu\sigma}M_{\mu\rho}-\eta_{\mu\sigma}M_{\nu\rho}-\eta_{\nu\rho}M_{\mu\sigma}\right), \\ [M_{\mu\nu}, P_\rho] &= i\left(\eta_{\rho\nu}P_\mu-\eta_{\mu\rho}P_\nu\right), \\ [P_\mu, P_\nu] &= 0. \end{aligned}$	$\begin{aligned} [M_{\mu\nu}, M_{\rho\sigma}] &= i(\eta_{\mu\rho}M_{\nu\sigma}+\eta_{\nu\sigma}M_{\mu\rho}-\eta_{\mu\sigma}M_{\nu\rho}-\eta_{\nu\rho}M_{\mu\sigma}), \\ [M_{\mu\nu}, P_\rho] &= i(\eta_{\rho\nu}P_\mu-\eta_{\mu\rho}P_\nu), \\ [P_\mu, P_\nu] &= 0 . \end{aligned}$

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cardona-qft-methods_EQ0773 (14)	295	0.590	`\begin{aligned} \xi_{t} & \equiv \frac{1}{D} \eta^{M N} \xi_{M N} \\ \xi_{M N}^{s} & =\frac{1}{2}\left(\xi_{M N}+\xi_{N M}-2 \xi_{t} \eta_{M N}\right), \\ \xi_{M N}^{a} & =\frac{1}{2}\left(\xi_{M N}-\xi_{N M}\right) . \end{aligned}`	$\begin{aligned} \xi_{t} & \equiv \frac{1}{D} \eta^{M N} \xi_{M N} \\ \xi_{M N}^{s} & =\frac{1}{2}\left(\xi_{M N}+\xi_{N M}-2 \xi_{t} \eta_{M N}\right), \\ \xi_{M N}^{a} & =\frac{1}{2}\left(\xi_{M N}-\xi_{N M}\right) . \end{aligned}$	$\begin{aligned} \xi_{t} & \equiv \frac{1}{D} \eta^{M N} \xi_{M N} , \\ \xi_{M N}^{s} & =\frac{1}{2}\left(\xi_{M N}+\xi_{N M}-2 \xi_{t} \eta_{M N}\right), \\ \xi_{M N}^{a} & =\frac{1}{2}\left(\xi_{M N}-\xi_{N M}\right). \end{aligned}$
cardona-qft-methods_EQ0399	182	0.599	`\begin{aligned} & \mathbf{N}_{4} \mathbf{P}_{4}^{\text{Lor }}= \\ & \left(T^{a} T_{a}-e^{a} e^{b} R_{a b} \right) R^{c}{ }_{d} R^{d}{ }_{c} \end{aligned}`	$\begin{aligned} & \mathbf{N}_{4} \mathbf{P}_{4}^{\text{Lor }}= \\ & \left(T^{a} T_{a}-e^{a} e^{b} R_{a b} \right) R^{c}{ }_{d} R^{d}{ }_{c} \end{aligned}$	$\begin{aligned} & \mathbf{N}_{4} \mathbf{P}_{4}^{Lor}= \\ & (T^{a} T_{a}-e^{a} e^{b} R_{a b}) R^{c}{}_{d} R^{d}{}_{c} \end{aligned}$
cardona-qft-methods_EQ0611 (19)	254	0.600	`\begin{array}{r} P_{\mu} c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}|0\rangle e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}+ \\ c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}|0\rangle\left(-\sum_{i} P_{i \mu}\right) e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}=0 \end{array}`	$\begin{array}{r} P_{\mu} c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}\|0\rangle e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}+ \\ c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}\|0\rangle\left(-\sum_{i} P_{i \mu}\right) e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}=0 \end{array}$	$\begin{array}{r} P_{\mu} c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}\|0\rangle e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}+ \\ c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}\|0\rangle(-\sum_{i} P_{i \mu}) e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}=0, \end{array}$
cardona-qft-methods_EQ0478	219	0.600	`S=\operatorname{Tr}\left(f\left(D_{A} / \Lambda\right) \right)+\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi}\right\rangle, \quad \tilde{\xi} \in \mathcal{H}_{c l}^{+},`	$S=\operatorname{Tr}\left(f\left(D_{A} / \Lambda\right) \right)+\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi}\right\rangle, \quad \tilde{\xi} \in \mathcal{H}_{c l}^{+},$	$S=\operatorname{Tr}(f(D_{A} / \Lambda))+\frac{1}{2}\langle J \tilde{\xi}, D_{A} \tilde{\xi}\rangle, \quad \tilde{\xi} \in \mathcal{H}_{c l}^{+},$
cardona-qft-methods_EQ0809 (9)	308	0.604	`\mathcal{H}=\left(\begin{array}{cc} g-B g^{-1} B & B g^{-1} \\ -g^{-1} B & g^{-1} \end{array}\right) .`	$\mathcal{H}=\left(\begin{array}{cc} g-B g^{-1} B & B g^{-1} \\ -g^{-1} B & g^{-1} \end{array}\right) .$	$\mathcal{H}=\left(\begin{array}{cc} g-B g^{-1} B & B g^{-1} \\ -g^{-1} B & g^{-1} \end{array}\right) .$

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cardona-qft-methods_EQ0465	217	0.612	`\begin{gathered} A_{q}^{(0,1)}=\left(\begin{array}{cc} 0 & X \\ X^{\prime} & 0 \end{array}\right) \otimes 1_{3} \quad A_{1}^{(0,1)}=\left(\begin{array}{cc} 0 & Y \\ Y^{\prime} & 0 \end{array}\right) \\ X=\left(\begin{array}{cc} \Upsilon_{u}^{*} \varphi_{1} & \Upsilon_{u}^{*} \varphi_{2} \\ -\Upsilon_{d}^{*} \bar{\varphi}_{2} & \Upsilon_{d}^{*} \bar{\varphi}_{1} \end{array}\right) \quad \text { and } \quad X^{\prime}= \left(\begin{array}{cc} \Upsilon_{u} \varphi_{1}^{ \prime} & \Upsilon_{d} \varphi_{2}^{\prime} \\ - \Upsilon_{u} \bar{\varphi}_{2}^{\prime} & \Upsilon_{d} \bar{\varphi}_{1}^{\prime} \end{array}\right) \\ Y= \left(\begin{array}{cc} \Upsilon_{\nu}^{*} \varphi_{1} & \Upsilon_{\nu}^{*} \varphi_{2} \\ -\Upsilon_{e}^{*} \bar{\varphi}_{2} & \Upsilon_{e}^{*} \bar{\varphi}_{1} \end{array}\right) \quad \text { and } \quad Y^{ \prime}=\left(\begin{array}{cc} \Upsilon_{\nu} \varphi_{1}^{\prime} & \Upsilon_{e} \varphi_{2}^{ \prime} \\ -\Upsilon_{\nu} \bar{\varphi}_{2}^{\prime} & \Upsilon_{e} \bar{\varphi}_{1}^{\prime} \end{array} \right) \end{gathered}`	$$A_{q}^{(0,1)}=\left(\begin{array}{cc} 0 & X \\ X^{\prime} & 0 \end{array}\right) \otimes 1_{3} \quad A_{1}^{(0,1)}=\left(\begin{array}{cc} 0 & Y \\ Y^{\prime} & 0 \end{array}\right)$$ $$X=\left(\begin{array}{cc} \Upsilon_{u}^{*} \varphi_{1} & \Upsilon_{u}^{*} \varphi_{2} \\ -\Upsilon_{d}^{*} \bar{\varphi}_{2} & \Upsilon_{d}^{*} \bar{\varphi}_{1} \end{array}\right) \quad \text { and } \quad X^{\prime}= \left(\begin{array}{cc} \Upsilon_{u} \varphi_{1}^{ \prime} & \Upsilon_{d} \varphi_{2}^{\prime} \\ - \Upsilon_{u} \bar{\varphi}_{2}^{\prime} & \Upsilon_{d} \bar{\varphi}_{1}^{\prime} \end{array}\right)$$ $$Y= \left(\begin{array}{cc} \Upsilon_{\nu}^{*} \varphi_{1} & \Upsilon_{\nu}^{*} \varphi_{2} \\ -\Upsilon_{e}^{*} \bar{\varphi}_{2} & \Upsilon_{e}^{*} \bar{\varphi}_{1} \end{array}\right) \quad \text { and } \quad Y^{ \prime}=\left(\begin{array}{cc} \Upsilon_{\nu} \varphi_{1}^{\prime} & \Upsilon_{e} \varphi_{2}^{ \prime} \\ -\Upsilon_{\nu} \bar{\varphi}_{2}^{\prime} & \Upsilon_{e} \bar{\varphi}_{1}^{\prime} \end{array} \right)$$	$$A_{q}^{(0,1)}=\left(\begin{array}{cc} 0 & X \\ X^{\prime} & 0 \end{array}\right) \otimes 1_{3} \quad A_{1}^{(0,1)}=\left(\begin{array}{cc} 0 & Y \\ Y^{\prime} & 0 \end{array}\right)$$ $$X=\left(\begin{array}{cc} \Upsilon_{u}^{*} \varphi_{1} & \Upsilon_{u}^{*} \varphi_{2} \\ -\Upsilon_{d}^{*} \bar{\varphi}_{2} & \Upsilon_{d}^{*} \bar{\varphi}_{1} \end{array}\right) \quad \text { and } \quad X^{\prime}= \left(\begin{array}{cc} \Upsilon_{u} \varphi_{1}^{ \prime} & \Upsilon_{d} \varphi_{2}^{\prime} \\ - \Upsilon_{u} \bar{\varphi}_{2}^{\prime} & \Upsilon_{d} \bar{\varphi}_{1}^{\prime} \end{array}\right)$$ $$Y= \left(\begin{array}{cc} \Upsilon_{\nu}^{*} \varphi_{1} & \Upsilon_{\nu}^{*} \varphi_{2} \\ -\Upsilon_{e}^{*} \bar{\varphi}_{2} & \Upsilon_{e}^{*} \bar{\varphi}_{1} \end{array}\right) \quad \text { and } \quad Y^{ \prime}=\left(\begin{array}{cc} \Upsilon_{\nu} \varphi_{1}^{\prime} & \Upsilon_{e} \varphi_{2}^{ \prime} \\ -\Upsilon_{\nu} \bar{\varphi}_{2}^{\prime} & \Upsilon_{e} \bar{\varphi}_{1}^{\prime} \end{array} \right)$$
cardona-qft-methods_EQ0326 (13)	161	0.613	`\begin{gathered} \eta_{a c} \omega^{c}{ }_{b}=-\eta_{b c} \omega^{c}{ }_{a} \\ \epsilon_{b_{1} a_{2} \cdots a_{D}} \omega_{a_{1}}^{b_{1}}+\epsilon_{a_{1} b_{2} \cdots a_{D}} \omega_{a_{2}}^{b_{2}}+\cdots+\epsilon_{a_{1} a_{2} \cdots b_{D}} \omega_{a_{D}}^{b_{D}}=0 . \end{gathered}`	$$\eta_{a c} \omega^{c}{}_{b}=-\eta_{b c} \omega^{c}{}_{a}$$ $$\epsilon_{b_{1} a_{2} \cdots a_{D}} \omega_{a_{1}}^{b_{1}}+\epsilon_{a_{1} b_{2} \cdots a_{D}} \omega_{a_{2}}^{b_{2}}+\cdots+\epsilon_{a_{1} a_{2} \cdots b_{D}} \omega_{a_{D}}^{b_{D}}=0 .$$	$$\eta_{a c} \omega^{c}{}_{b}=-\eta_{b c} \omega^{c}{}_{a},$$ $$\epsilon_{b_{1} a_{2} \cdots a_{D}} \omega_{a_{1}}^{b_{1}}+\epsilon_{a_{1} b_{2} \cdots a_{D}} \omega_{a_{2}}^{b_{2}}+\cdots+\epsilon_{a_{1} a_{2} \cdots b_{D}} \omega_{a_{D}}^{b_{D}}=0 .$$
cardona-qft-methods_EQ1000	374	0.621	`\begin{aligned} \Delta\left(X^{\dagger} E\right) & = \Delta\left(X^{\dagger}\right) \Delta(E)=\left(X^{ \dagger} \otimes 1+1 \otimes X^{\dagger}\right) \Delta(E) \\ & =\left(\left(X^{\dagger}(\cdot) \otimes \mathrm{Id}+ \mathrm{Id} \otimes X^{\dagger}(\cdot)\right) \circ \Delta\right)(E) . \end{aligned}`	$$\begin{aligned} \Delta\left(X^{\dagger} E\right) & =\Delta\left(X^{\dagger}\right) \Delta(E)=\left(X^{\dagger} \otimes 1+1 \otimes X^{\dagger}\right) \Delta(E) \\ & =\left(\left(X^{\dagger}(\cdot) \otimes \mathrm{Id}+\mathrm{Id} \otimes X^{\dagger}(\cdot)\right) \circ \Delta\right)(E). \end{aligned}$$	$$\begin{aligned} \Delta(X^{\dagger} E) & =\Delta(X^{\dagger}) \Delta(E)=(X^{\dagger} \otimes 1+1 \otimes X^{\dagger}) \Delta(E) \\ & =\left(\left(X^{\dagger}(\cdot) \otimes \mathrm{Id}+\mathrm{Id} \otimes X^{\dagger}(\cdot)\right) \circ \Delta\right)(E). \end{aligned}$$
cardona-qft-methods_EQ0041 (11)	32	0.623	`c\left(\omega_{1}\right) c\left(\omega_{2}\right)+c\left( \omega_{2}\right) c\left(\omega_{1}\right)=2 g\left( \omega_{1}, \omega_{2}\right) \mathrm{id}_{E} .`	$c\left(\omega_{1}\right) c\left(\omega_{2}\right)+c\left(\omega_{2}\right) c\left(\omega_{1}\right)=2 g\left(\omega_{1}, \omega_{2}\right) \mathrm{id}_{E}.$	$c(\omega_{1})\, c(\omega_{2})+c(\omega_{2}) c(\omega_{1})=2 g(\omega_{1}, \omega_{2})\, \mathrm{id}_{E}.$
cardona-qft-methods_EQ0916	351	0.638	`C^{*}(X) \stackrel{L}{\otimes_{C^{*}}(X)^{e}} C^{*}(X) \# G \stackrel{\simeq}{\rightarrow} C^{*}\left(P_{G} X \right)`	$C^{*}(X) \overset{L}{\otimes}_{C^{*}}(X)^{e} C^{*}(X) \# G \overset{\simeq}{\rightarrow} C^{*}\left(P_{G} X\right)$	$C^{*}(X) \overset{L}{\otimes}_{C^{*}(X)^{e}} C^{*}(X) \# G \overset{\simeq}{\rightarrow} C^{*}(P_{G} X)$
cardona-qft-methods_EQ0217 (4)	99	0.641	`c(\xi+v(x)): \pi^{*} E_{x, \xi}^{+} \rightarrow \pi^{*} E_{x, \xi}^{-} .`	$c(\xi+v(x)): \pi^{*} E_{x, \xi}^{+} \rightarrow \pi^{*} E_{x, \xi}^{-}.$	$c\big(\xi+v(x)\big): \pi^{*} E_{x, \xi}^{+} \rightarrow \pi^{*} E_{x, \xi}^{-}.$
cardona-qft-methods_EQ0214 (2)	99	0.644	`v(x):=\left.\frac{d}{d t}\right|_{t=0} \exp (t \mathbf{v}(x)) \cdot x .`	$v(x):=\left.\frac{d}{d t}\right\|_{t=0} \exp (t \mathbf{v}(x)) \cdot x.$	$v(x) \;:=\; \left.\frac{d}{dt}\right\|_{t=0} \exp\left(t \mathbf{v}(x)\right) \cdot x.$

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cardona-qft-methods_EQ0339 (7)	166	0.644	`\Omega_{n} \int_{M^{2 n}} \mathbf{E}_{2 n} \in \mathbb{Z}, \quad \tilde{\Omega}_{k} \int_{M^{4 k}} \mathbf{P}_{4 k} \in \mathbb{Z},`	$\Omega_{n} \int_{M^{2 n}} \mathbf{E}_{2 n} \in \mathbb{Z}, \quad \tilde{\Omega}_{k} \int_{M^{4 k}} \mathbf{P}_{4 k} \in \mathbb{Z},$	$\Omega_{n} \int_{M^{2 n}} \mathbf{E}_{2 n} \in \mathbb{Z}, \quad \tilde{\Omega}_{k} \int_{M^{4 k}} \mathbf{P}_{4 k} \in \mathbb{Z},$
cardona-qft-methods_EQ0846 (2)	329	0.651	`\begin{aligned} & \frac{\delta \mathcal{L}}{\delta X}=d X+\left(\Pi^{\#} \circ X\right) \eta=0 \\ & \frac{\delta \mathcal{L}}{\delta \eta}=d \eta+\frac{1}{2}\left\langle \left(\partial \Pi^{\#} \circ X\right) \eta, \eta\right \rangle=0 \end{aligned}`	$\begin{aligned} & \frac{\delta \mathcal{L}}{\delta X}=d X+\left(\Pi^{\#} \circ X\right) \eta=0 \\ & \frac{\delta \mathcal{L}}{\delta \eta}=d \eta+\frac{1}{2}\left\langle \left(\partial \Pi^{\#} \circ X\right) \eta, \eta\right \rangle=0 \end{aligned}$	$\begin{aligned} & \frac{\delta \mathcal{L}}{\delta X}=d X+\left(\Pi^{\#} \circ X\right) \eta=0 \\ & \frac{\delta \mathcal{L}}{\delta \eta}=d \eta+\frac{1}{2}\left\langle \left(\partial \Pi^{\#} \circ X\right) \eta, \eta\right \rangle=0 . \end{aligned}$
cardona-qft-methods_EQ0104	62	0.660	`\begin{aligned} \gamma^{\alpha_{1} \alpha_{2}} & =\frac{1}{2}\left(\gamma^{\alpha_{1}} \gamma^{ \alpha_{2}}-\gamma^{\alpha_{2}} \gamma^{\alpha_{1}} \right) \\ \Omega_{\alpha_{1} \alpha_{2}} & =\left[\delta_{\alpha_{1}}+\tilde{A}_{\alpha_{1}}, \delta_{ \alpha_{2}}+\tilde{A}_{\alpha_{2}}\right]=L\left(F_{ \alpha_{1} \alpha_{2}}\right)-R\left(F_{\alpha_{1} \alpha_{2}}\right) \\ F_{\alpha_{1} \alpha_{2}} & = \delta_{\alpha_{1}}\left(A_{\alpha_{2}}\right)-\delta_{ \alpha_{2}}\left(A_{\alpha_{1}}\right)+\left[A_{ \alpha_{1}}, A_{\alpha_{2}}\right] \end{aligned}`	$\begin{aligned} \gamma^{\alpha_{1} \alpha_{2}} & =\frac{1}{2}\left(\gamma^{\alpha_{1}} \gamma^{ \alpha_{2}}-\gamma^{\alpha_{2}} \gamma^{\alpha_{1}} \right) \\ \Omega_{\alpha_{1} \alpha_{2}} & =\left[\delta_{\alpha_{1}}+\tilde{A}_{\alpha_{1}}, \delta_{ \alpha_{2}}+\tilde{A}_{\alpha_{2}}\right]=L\left(F_{ \alpha_{1} \alpha_{2}}\right)-R\left(F_{\alpha_{1} \alpha_{2}}\right) \\ F_{\alpha_{1} \alpha_{2}} & = \delta_{\alpha_{1}}\left(A_{\alpha_{2}}\right)-\delta_{ \alpha_{2}}\left(A_{\alpha_{1}}\right)+\left[A_{ \alpha_{1}}, A_{\alpha_{2}}\right] \end{aligned}$	$\begin{aligned} \gamma^{\alpha_{1} \alpha_{2}} & =\frac{1}{2}\left(\gamma^{\alpha_{1} \alpha_{2}}-\gamma^{\alpha_{2} \alpha_{1}}\right), \\ \Omega_{\alpha_{1} \alpha_{2}} & =\left[\delta_{\alpha_{1}}+\tilde{A}_{\alpha_{1}}, \delta_{\alpha_{2}}+\tilde{A}_{\alpha_{2}}\right]=L\left(F_{\alpha_{1} \alpha_{2}}\right)-R\left(F_{\alpha_{1} \alpha_{2}}\right) \\ F_{\alpha_{1} \alpha_{2}} & =\delta_{\alpha_{1}}\left(A_{\alpha_{2}}\right)-\delta_{\alpha_{2}}\left(A_{\alpha_{1}}\right)+\left[A_{\alpha_{1}}, A_{\alpha_{2}}\right]. \end{aligned}$
cardona-qft-methods_EQ0659 (9)	262	0.662	`S=T \exp \left(-i \int d^{4} x H_{I}(x)\right) .`	$S=T \exp \left(-i \int d^{4} x H_{I}(x)\right) .$	$S=T \exp \left(-i \int d^{4} x H_{I}(x)\right) .$
cardona-qft-methods_EQ0896	346	0.664	`\begin{aligned} L M^{e v^{*}(-T M)} \wedge L M^{e v^{*}(-T M)}= & (L M \times L M)^{e v *(-2 T M)} \\ & \downarrow \\ & M a p(8, M)^{e v^{*}(-T M)} \rightarrow L M^{e v^{*}(-T M)} \end{aligned}`	$\begin{aligned} L M^{e v^{*}(-T M)} \wedge L M^{e v^{*}(-T M)}= & (L M \times L M)^{e v *(-2 T M)} \\ & \downarrow \\ & M a p(8, M)^{e v^{*}(-T M)} \rightarrow L M^{e v^{*}(-T M)} \end{aligned}$	$\begin{aligned} L M^{e v^{*}(-T M)} \wedge L M^{e v^{*}(-T M)}= & (L M \times L M)^{e v *(-2 T M)} \\ & \downarrow \\ & M a p(8, M)^{e v^{*}(-T M)} \rightarrow L M^{e v^{*}(-T M)} \end{aligned}$
cardona-qft-methods_EQ0467	217	0.689	`\begin{gathered} D_{A}^{2}=\left(D^{1,0}\right)^{2}+1_{4} \otimes\left(D^{0,1}\right)^{2}-\gamma_{5}\left[D^{1,0}, 1_{4} \otimes D^{0,1}\right] \\ {\left[D^{1,0}, 1_{4} \otimes D^{0,1}\right]=\sqrt{-1} \gamma^{\mu}\left[\left(\nabla_{\mu}^{s}+\mathbb{A}_{\mu}\right), 1_{4} \otimes D^{0,1}\right]} \end{gathered}`	$\begin{gathered} D_{A}^{2}=\left(D^{1,0}\right)^{2}+1_{4} \otimes\left(D^{0,1}\right)^{2}-\gamma_{5}\left[D^{1,0}, 1_{4} \otimes D^{0,1}\right] \\ {\left[D^{1,0}, 1_{4} \otimes D^{0,1}\right]=\sqrt{-1} \gamma^{\mu}\left[\left(\nabla_{\mu}^{s}+\mathbb{A}_{\mu}\right), 1_{4} \otimes D^{0,1}\right]} \end{gathered}$	$\begin{gathered} D_{A}^{2}=\left(D^{1,0}\right)^{2}+1_{4} \otimes\left(D^{0,1}\right)^{2}-\gamma_{5}\left[D^{1,0}, 1_{4} \otimes D^{0,1}\right] \\ {\left[D^{1,0}, 1_{4} \otimes D^{0,1}\right]=\sqrt{-1} \gamma^{\mu}\left[\left(\nabla_{\mu}^{s}+\mathbb{A}_{\mu}\right), 1_{4} \otimes D^{0,1}\right]} \end{gathered}$
cardona-qft-methods_EQ0808 (8)	307	0.696	`[X+\zeta, Y+\eta]_{C}=[X, Y]+\mathcal{L}_{X} \eta-\mathcal{L}_{Y} \zeta-\frac{1}{2} \mathrm{~d}\left( \iota_{X} \eta-\iota_{Y} \zeta\right) .`	$[X+\zeta, Y+\eta]_{C}=[X, Y]+\mathcal{L}_{X} \eta-\mathcal{L}_{Y} \zeta-\frac{1}{2} \mathrm{~d}\left(\iota_{X} \eta-\iota_{Y} \zeta\right) .$	$[X+\zeta, Y+\eta]_{C}=[X, Y]+\mathcal{L}_{X} \eta-\mathcal{L}_{Y} \zeta-\frac{1}{2} \mathrm{~d}\left(\iota_{X} \eta-\iota_{Y} \zeta\right) .$
cardona-qft-methods_EQ0330 (17)	162	0.706	`R^{a b}=\frac{1}{2} e_{\alpha}^{a} e_{\beta}^{b} R_{\mu \nu}^{\alpha \beta} d x^{\mu} \wedge d x^{\nu} .`	$R^{a b}=\frac{1}{2} e_{\alpha}^{a} e_{\beta}^{b} R_{\mu \nu}^{\alpha \beta} d x^{\mu} \wedge d x^{\nu} .$	$R^{a b}=\frac{1}{2} e_{\alpha}^{a} e_{\beta}^{b} R_{\mu \nu}^{\alpha \beta} d x^{\mu} \wedge d x^{\nu} .$
cardona-qft-methods_EQ0070 (21)	42	0.716	`a_{2}\left(\not D^{2}\right)=-\frac{1}{12(4 \pi)^{d / 2}} \int_{M} s(x) d v o l_{g}(x) .`	$a_{2}\left(\not{D}^{2}\right)=-\frac{1}{12(4 \pi)^{d / 2}} \int_{M} s(x) d v o l_{g}(x) .$	$a_{2}(\not{D}^{2})=-\frac{1}{12(4 \pi)^{d / 2}} \int_{M} s(x) d v o l_{g}(x) .$
cardona-qft-methods_EQ0233	109	0.718	`\chi(Y \cup Z)=\chi(Y)+\chi(Z)-\chi(Y \cap Z) .`	$\chi(Y \cup Z)=\chi(Y)+\chi(Z)-\chi(Y \cap Z) .$	$\chi(Y \cup Z)=\chi(Y)+\chi(Z)-\chi(Y \cap Z) .$

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cardona-qft-methods_ EQ0017 (5)	22	0.722	`c_{P}(x)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{S}^{d-1}} \operatorname{tr}\left(\sigma_{-d}^{P}(x, \xi)\right) d \xi .`	$c_P(x) = \frac{1}{(2\pi)^d} \int_{\mathbb{S}^{d-1}} \operatorname{tr}\left(\sigma_{-d}^{P}(x,\xi)\right) d\xi.$	$c_P(x) = \frac{1}{(2\pi)^d} \int_{\mathbb{S}^{d-1}} tr\left(\sigma_{-d}^{P}(x,\xi)\right) d\xi.$
cardona-qft-methods_ EQ0043	32	0.725	`\sigma_{1}^{d}(x, \xi)=\lim _{t \rightarrow \infty} \frac{1}{t}\left(e^{-i t h(x)} d e^{i t h(x)}\right)(x)= \lim _{t \rightarrow \infty} \frac{1}{t} i t d_{x} h=i d_{x} h=i \xi,`	$\sigma_1^d(x,\xi) = \lim_{t\to\infty} \frac{1}{t}\left(e^{-ith(x)} d e^{ith(x)}\right)(x) = \lim_{t\to\infty} \frac{1}{t} it d_x h = i d_x h = i\xi,$	$\sigma_1^d(x,\xi) = \lim_{t\to\infty} \frac{1}{t}\left(e^{-ith(x)} d e^{ith(x)}\right)(x) = \lim_{t\to\infty} \frac{1}{t}\, it\, d_x h = i\, d_x h = i\,\xi,$
cardona-qft-methods_ EQ0227	102	0.728	`e^{i t} \cdot(z, \nu):=\left(e^{i t} z, \nu\right), \quad z \in M, t, \nu \in \mathbb{R} \text {. }`	$e^{it}\cdot(z,\nu) := \left(e^{it} z, \nu\right), \quad z \in M, t, \nu \in \mathbb{R}.$	$e^{it}\cdot(z,\nu) \;:=\; (e^{it} z, \nu), \qquad z \in M,\; t, \nu \in \mathbb{R}.$
cardona-qft-methods_ EQ0855	331	0.737	`G \times_{(s, t)} G \xrightarrow{\mu} G \xrightarrow{i} G \underset{t}{\stackrel{s}{\rightleftarrows}} M`	$G \times_{(s,t)} G \xrightarrow{\mu} G \xrightarrow{i} G \underset{t}{\overset{s}{\rightleftarrows}} M$	$G \times_{(s,t)} G \xrightarrow{\mu} G \xrightarrow{i} G \underset{t}{\overset{s}{\rightleftarrows}} M$
cardona-qft-methods_ EQ0794 (35)	301	0.738	`\begin{aligned} \text { type IIB R - R : } & \mathbf{8}_{s} \otimes \mathbf{8}_{s}=\mathbf{1} \oplus \mathbf{2 8} \oplus \mathbf{3 5}_{+}=C_{0} \oplus C_{2} \oplus C_{4+} \\ \text { type IIA R - R : } & \mathbf{8}_{s} \otimes \mathbf{8}_{c}= \mathbf{8}_{v} \oplus \mathbf{5 6}_{t}=C_{1} \oplus C_{3} . \end{aligned}`	$\begin{aligned} \text{type IIB R - R : } & \mathbf{8}_s \otimes \mathbf{8}_s = \mathbf{1} \oplus \mathbf{28} \oplus \mathbf{35}_+ = C_0 \oplus C_2 \oplus C_{4+} \\ \text{type IIA R - R : } & \mathbf{8}_s \otimes \mathbf{8}_c = \mathbf{8}_v \oplus \mathbf{56}_t = C_1 \oplus C_3. \end{aligned}$	$\begin{aligned} \text{type IIB R} - \text{R :} \;& \mathbf{8}_s \otimes \mathbf{8}_s = \mathbf{1} \oplus \mathbf{28} \oplus \mathbf{35}_+ = C_0 \oplus C_2 \oplus C_{4+} \\ \text{type IIA R} - \text{R :} \;& \mathbf{8}_s \otimes \mathbf{8}_c = \mathbf{8}_v \oplus \mathbf{56}_t = C_1 \oplus C_3 \,. \end{aligned}$
cardona-qft-methods_ EQ0069	42	0.751	`\operatorname{Tr}_{\operatorname{Dix}}\left(D^{-d} \right)=\operatorname{Tr}_{\omega}\left(D^{-d}\right)= \frac{a_{0}\left(D^{2}\right)}{\Gamma(d / 2+1)}= \frac{1}{d} W \operatorname{Res}\left(D^{-d}\right) .`	$\operatorname{Tr}_{\mathrm{Dix}}\left(D^{-d}\right)=\operatorname{Tr}_{\omega}\left(D^{-d}\right)=\frac{a_0\left(D^2\right)}{\Gamma(d/2+1)}=\frac{1}{d} W \operatorname{Res}\left(D^{-d}\right).$	$\operatorname{Tr}_{Dix}(D^{-d}) = \operatorname{Tr}_{\omega}(D^{-d}) = \frac{a_0(D^2)}{\Gamma(d/2+1)} = \frac{1}{d}\, WRes(D^{-d}).$
cardona-qft-methods_ EQ0687	269	0.753	`\begin{array}{ll} S^{+}|\uparrow\rangle=0, & S^{-}| \uparrow\rangle=|\downarrow\rangle, \\ S^{+}|\downarrow \rangle=|\uparrow\rangle, & S^{-}|\downarrow\rangle=0 . \end{array}`	$\begin{array}{ll} S^{+}\|\uparrow\rangle=0, & S^{-}\|\uparrow\rangle=\|\downarrow\rangle, \\ S^{+}\|\downarrow\rangle=\|\uparrow\rangle, & S^{-}\|\downarrow\rangle=0. \end{array}$	$\begin{array}{ll} S^{+}\|\uparrow\rangle=0, & S^{-}\|\uparrow\rangle=\|\downarrow\rangle, \\ S^{+}\|\downarrow\rangle=\|\uparrow\rangle, & S^{-}\|\downarrow\rangle=0\,. \end{array}$
cardona-qft-methods_ EQ0282	137	0.755	`\underline{t} \in Y_{G} \Longleftrightarrow \Psi_{G}( \underline{t}) \neq 0 \Longleftrightarrow \Psi_{G / e} \left(\underline{t}^{\prime}\right) \neq-t_{e} \Psi_{G \backslash e}\left(\underline{t}^{\prime}\right),`	$\underline{t} \in Y_G \Longleftrightarrow \Psi_G(\underline{t}) \neq 0 \Longleftrightarrow \Psi_{G/e}\left(\underline{t}^{\prime}\right) \neq -t_e \Psi_{G\backslash e}\left(\underline{t}^{\prime}\right),$	$\underline{t} \in Y_G \iff \Psi_G(\underline{t}) \neq 0 \iff \Psi_{G/e}(\underline{t}') \neq -t_e \Psi_{G\backslash e}(\underline{t}') \quad ,$
cardona-qft-methods_ EQ0652 (2)	261	0.755	`\begin{gathered} \exp \left(-\beta V_{S T A T} \left(x_{1}, x_{2}\right)\right)=\left\langle x_{1}, x_{2}\right| e^{-\beta H}\left|x_{1}, x_{2}\right\rangle, \\ H=\frac{1}{2 m}\left(p_{1}^{2}+p_{2}^{2}\right) . \end{gathered}`	$\exp\left(-\beta V_{STAT}\left(x_1,x_2\right)\right)=\left\langle x_1,x_2\right\| e^{-\beta H}\left\|x_1,x_2\right\rangle,$ $H=\frac{1}{2m}\left(p_1^2+p_2^2\right).$	$\exp(-\beta V_{STAT}(x_1,x_2)) = \langle x_1,x_2\|e^{-\beta H}\|x_1,x_2\rangle,$ $H=\frac{1}{2m}(p_1^2+p_2^2).$
cardona-qft-methods_ EQ0236 (2)	113	0.763	`[X]=a_{0}+a_{1} \mathbb{L}+\cdots+a_{r} \mathbb{L}^{r},`	$[X]=a_0+a_1\mathbb{L}+\cdots+a_r\mathbb{L}^r,$	$[X]=a_0+a_1\mathbb{L}+\cdots+a_r\mathbb{L}^r \quad ,$
cardona-qft-methods_ EQ0883	343	0.769	`\begin{gathered} H^{n-p}(M) \times H^{p}(M) \rightarrow \mathbf{k} \\ (\alpha, \beta) \rightarrow\langle\alpha \cup \beta,[M]\rangle \end{gathered}`	$\begin{gathered} H^{n-p}(M) \times H^p(M) \rightarrow \mathbf{k} \\ (\alpha,\beta) \rightarrow \langle \alpha \cup \beta, [M]\rangle \end{gathered}$	$\begin{gathered} H^{n-p}(M) \times H^p(M) \rightarrow \mathbf{k} \\ (\alpha,\beta) \rightarrow \langle \alpha \cup \beta, [M]\rangle \end{gathered}$
cardona-qft-methods_ EQ0181 (7)	92	0.772	`\mathrm{t}-\operatorname{Ind}_{G}: K_{G}\left(T_{G}^{*} M \right) \longrightarrow \widehat{R}(G)`	$\mathrm{t}-\operatorname{Ind}_G: K_G\left(T_G^* M\right) \longrightarrow \widehat{R}(G)$	$\text{t-}\operatorname{Ind}_G:\; K_G(T_G^* M) \;\longrightarrow\; \widehat{R}(G)$

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cardona-qft-methods_EQ0408	186	0.772	`\delta B\left(\left.\phi^{r}\right|_{\partial M}\right)+ \int_{\partial M} \Theta(\phi, \delta \phi)=0 .`	$\delta B\left(\left.\phi^{r}\right\|_{\partial M}\right)+\int_{\partial M} \Theta(\phi, \delta \phi)=0 .$	$\delta B\left(\left.\phi^{r}\right\|_{\partial M}\right)+\int_{\partial M} \Theta(\phi, \delta \phi)=0 .$
cardona-qft-methods_EQ0022	25	0.776	`W \operatorname{Res}\left(P_{1} P_{2}\right)= \underset{s=0}{\operatorname{Res}} \operatorname{Tr} \left(P_{2}|\mathcal{D}|^{-s} P_{1}\right)= \underset{s=0}{\operatorname{Res}} \operatorname{Tr} \left(P_{2} P_{1}|\mathcal{D}|^{-s}\right)=W \operatorname{Res}\left(P_{2} P_{1}\right)`	$W \operatorname{Res}\left(P_{1} P_{2}\right)=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}\left(P_{2}\|\mathcal{D}\|^{-s} P_{1}\right)=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}\left(P_{2} P_{1}\|\mathcal{D}\|^{-s}\right)=W \operatorname{Res}\left(P_{2} P_{1}\right)$	$W \operatorname{Res}\left(P_{1} P_{2}\right)=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}\left(P_{2}\|\mathcal{D}\|^{-s} P_{1}\right)=\underset{s=0}{\operatorname{Res}} \operatorname{Tr}\left(P_{2} P_{1}\|\mathcal{D}\|^{-s}\right)=W \operatorname{Res}\left(P_{2} P_{1}\right)$
cardona-qft-methods_EQ0928	353	0.782	`H H^{*}\left(C^{*}(M) \# G, C^{*}(M) \# G\right) \cong H_{*}^{\text {pro }}\left(\mathbb{L}\left(M \times_{G} E G\right)^{-T\left(M \times_{G} E G\right)}\right)`	$H H^{*}\left(C^{*}(M) \# G, C^{*}(M) \# G\right) \cong H_{*}^{\text {pro }}\left(\mathbb{L}\left(M \times_{G} E G\right)^{-T\left(M \times_{G} E G\right)}\right)$	$H H^{*}\left(C^{*}(M) \# G, C^{*}(M) \# G\right) \cong H_{*}^{\text {pro }}\left(\mathbb{L}\left(M \times_{G} E G\right)^{-T\left(M \times_{G} E G\right)}\right)$
cardona-qft-methods_EQ0435	208	0.790	`\begin{array}{r} \mathbf{2}_{L} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{L} \otimes \mathbf{3}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{3}^{0} \\ \oplus \mathbf{1} \otimes \mathbf{2}_{L}^{0} \oplus \mathbf{1} \otimes \mathbf{2}_{R}^{0} \oplus \mathbf{3} \otimes \mathbf{2}_{L}^{0} \oplus \mathbf{3} \otimes \mathbf{2}_{R}^{0} \end{array}`	$\begin{array}{r} \mathbf{2}_{L} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{L} \otimes \mathbf{3}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{3}^{0} \\ \oplus \mathbf{1} \otimes \mathbf{2}_{L}^{0} \oplus \mathbf{1} \otimes \mathbf{2}_{R}^{0} \oplus \mathbf{3} \otimes \mathbf{2}_{L}^{0} \oplus \mathbf{3} \otimes \mathbf{2}_{R}^{0} \end{array}$	$\begin{array}{r} \mathbf{2}_{L} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{L} \otimes \mathbf{3}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{3}^{0} \\ \oplus \mathbf{1} \otimes \mathbf{2}_{L}^{0} \oplus \mathbf{1} \otimes \mathbf{2}_{R}^{0} \oplus \mathbf{3} \otimes \mathbf{2}_{L}^{0} \oplus \mathbf{3} \otimes \mathbf{2}_{R}^{0} \end{array}$
cardona-qft-methods_EQ0838 (17)	317	0.790	`F^{(10)}=F+\operatorname{vol}_{4} \wedge \lambda(* F),`	$F^{(10)}=F+\operatorname{vol}_{4} \wedge \lambda(* F),$	$F^{(10)}=F+\operatorname{vol}_{4} \wedge \lambda(* F)\ ,$
cardona-qft-methods_EQ0959 (11)	361	0.793	`\mathcal{C}: X_{\Gamma} \backslash \Sigma_{n} \rightarrow X_{\Gamma \vee} \backslash \Sigma_{n},`	$\mathcal{C}: X_{\Gamma} \backslash \Sigma_{n} \rightarrow X_{\Gamma \vee} \backslash \Sigma_{n},$	$\mathcal{C}: X_{\Gamma} \backslash \Sigma_{n} \rightarrow X_{\Gamma \vee} \backslash \Sigma_{n}\ ,$
cardona-qft-methods_EQ0359 (30)	171	0.794	`\begin{aligned} & d C_{3}^{L o r}=R^{a b} R_{a b}= \mathbf{P}_{4} \\ & d C_{3}^{T o r}=T^{a} T_{a}-e^{a} e^{b} R_{a b}=\mathbf{N}_{4} \end{aligned}`	$\begin{aligned} & d C_{3}^{L o r}=R^{a b} R_{a b}=\mathbf{P}_{4} \\ & d C_{3}^{T o r}=T^{a} T_{a}-e^{a} e^{b} R_{a b}=\mathbf{N}_{4} \end{aligned}$	$\begin{aligned} & d C_{3}^{L o r}=R^{a b} R_{a b}=\mathbf{P}_{4}, \\ & d C_{3}^{T o r}=T^{a} T_{a}-e^{a} e^{b} R_{a b}=\mathbf{N}_{4}. \end{aligned}$
cardona-qft-methods_EQ0818 (18)	309	0.794	`\begin{aligned} 6 & \rightarrow 3+\overline{3} \\ 15 & \rightarrow 8+3+\overline{3}+1 \\ 10+10^{*} & \rightarrow 6+\overline{6}+3+\overline{3}+1+1 . \end{aligned}`	$\begin{aligned} 6 & \rightarrow 3+\overline{3} \\ 15 & \rightarrow 8+3+\overline{3}+1 \\ 10+10^{*} & \rightarrow 6+\overline{6}+3+\overline{3}+1+1 . \end{aligned}$	$\begin{aligned} \mathbf{6} & \rightarrow \mathbf{3}+\overline{\mathbf{3}}\ , \\ \mathbf{15} & \rightarrow \mathbf{8}+\mathbf{3}+\overline{\mathbf{3}}+\mathbf{1}\ , \\ \mathbf{10}+\mathbf{10}^{*} & \rightarrow \mathbf{6}+\overline{\mathbf{6}}+\mathbf{3}+\overline{\mathbf{3}}+\mathbf{1}+\mathbf{1}\ . \end{aligned}$
cardona-qft-methods_EQ0906	349	0.798	`\begin{aligned} G \times P_{G} X & \rightarrow P_{G} X \\ ((f, k), g) & \mapsto\left(f g, g^{-1} k g\right) . \end{aligned}`	$\begin{aligned} G \times P_{G} X & \rightarrow P_{G} X \\ ((f, k), g) & \mapsto\left(f g, g^{-1} k g\right) . \end{aligned}$	$\begin{aligned} G \times P_{G} X & \rightarrow P_{G} X \\ ((f, k), g) & \mapsto\left(f g, g^{-1} k g\right) . \end{aligned}$
cardona-qft-methods_EQ0362 (2)	174	0.805	`\begin{aligned} \delta \omega_{b}^{a} & =d \lambda_{b}^{a}+\omega_{c}^{a} \lambda_{b}^{c}- \omega_{b}^{c} \lambda_{c}^{a} \\ & =D_{\omega} \lambda_{b}^{a}, \end{aligned}`	$\begin{aligned} \delta \omega_{b}^{a} & =d \lambda_{b}^{a}+\omega_{c}^{a} \lambda_{b}^{c}-\omega_{b}^{c} \lambda_{c}^{a} \\ & =D_{\omega} \lambda_{b}^{a}, \end{aligned}$	$\begin{aligned} \delta \omega^{a}{}_{b} & =d \lambda^{a}{}_{b}+\omega^{a}{}_{c} \lambda^{c}{}_{b}-\omega^{c}{}_{b} \lambda^{a}{}_{c} \\ & =D_{\omega} \lambda^{a}{}_{b}, \end{aligned}$
cardona-qft-methods_EQ0146	82	0.808	`\sigma_{L}(\Delta)\left(\xi_{1}, \xi_{2},, \ldots, \xi_{n}\right)=\xi_{1}^{2}+\xi_{2}^{2}+\cdots+ \xi_{n}^{2},`	$\sigma_{L}(\Delta)\left(\xi_{1}, \xi_{2},, \ldots, \xi_{n}\right)=\xi_{1}^{2}+\xi_{2}^{2}+\cdots+\xi_{n}^{2},$	$\sigma_{L}(\Delta)\left(\xi_{1}, \xi_{2},, \ldots, \xi_{n}\right)=\xi_{1}^{2}+\xi_{2}^{2}+\cdots+\xi_{n}^{2},$
cardona-qft-methods_EQ0177 (4)	90	0.808	`T_{G}^{*} M:=\left\{\xi \in T^{*} M \mid \xi \text { is perpendicular to the orbits of } G\right\} .`	$T_{G}^{*} M:=\left\{\xi \in T^{*} M \mid \xi \text { is perpendicular to the orbits of } G\right\} .$	$T_{G}^{*} M:=\left\{\xi \in T^{*} M \mid \xi \text { is perpendicular to the orbits of } G\right\} .$

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cardona-qft-methods_ EQ0059	39	0.810	`\begin{aligned} k_{t}(x, y) & =\left\langle x, e^{t \Delta} y\right\rangle=\sum_{n, m=1}^{\infty}\left \langle x, \psi_{m}\right\rangle\left\langle\psi_{m}, e^{t \Delta} \psi_{n}\right\rangle\left\langle \psi_{n}, y\right\rangle \\ & =\sum_{n, m=1}^{\infty} \overline{\psi_{n}(x)} \psi_{n}(y) e^{t \lambda_{n}} . \end{aligned}`	$k_t(x,y) = \langle x, e^{t\Delta} y\rangle = \sum_{n,m=1}^{\infty} \langle x, \psi_m\rangle \langle \psi_m, e^{t\Delta}\psi_n\rangle \langle \psi_n, y\rangle$ $= \sum_{n,m=1}^{\infty} \overline{\psi_n(x)}\psi_n(y)e^{t\lambda_n}.$	$k_t(x,y) = \langle x, e^{t\,\Delta} y\rangle = \sum_{n,m=1}^{\infty} \langle x, \psi_m\rangle \langle \psi_m, e^{t\,\Delta}\psi_n\rangle \langle \psi_n, y\rangle$ $= \sum_{n,m=1}^{\infty} \overline{\psi_n(x)}\,\psi_n(y)\,e^{t\,\lambda_n}.$
cardona-qft-methods_ EQ0254	119	0.811	`P_{G}(\underline{t}, p)=\sum_{C} s_{C} \prod_{e \in C} t_{e},`	$P_G(\underline{t}, p) = \sum_C s_C \prod_{e\in C} t_e,$	$P_G(\underline{t}, p) = \sum_C s_C \prod_{e\in C} t_e \quad ,$
cardona-qft-methods_ EQ0758	286	0.813	`\begin{aligned} \text { string energy } & \longleftrightarrow \text { scaling dimension } \\ E( \lambda) & =\Delta(\lambda) . \end{aligned}`	string energy $\longleftrightarrow$ scaling dimension $E(\lambda) = \Delta(\lambda).$	string energy $\longleftrightarrow$ scaling dimension $E(\lambda) \;=\; \Delta(\lambda)\,.$
cardona-qft-methods_ EQ0185 (1)	93	0.816	`c(v)^{2}=-|v|^{2} \text { Id. }`	$c(v)^2 = -\|v\|^2 \text{ Id.}$	$c(v)^2 \;=\; -\|v\|^2 \text{ Id}\,.$
cardona-qft-methods_ EQ0615 (23)	255	0.817	`\begin{gathered} S_{N}=\left\langle\tau_{i, i+1}\right| i \in|1,2, \ldots, N-1|, \tau_{i, i+1}^{2}=\mathbb{I}, \\ \left.\tau_{i, i+1} \tau_{i+1, i+2} \tau_{i, i+1}= \tau_{i+1, i+2} \tau_{i, i+1} \tau_{i+1, i+2}\right \rangle \end{gathered}`	$S_N = \langle \tau_{i,i+1} \| i \in \|1,2,\ldots,N-1\|, \tau_{i,i+1}^2 = \mathbb{I},$ $\tau_{i,i+1}\tau_{i+1,i+2}\tau_{i,i+1} = \tau_{i+1,i+2}\tau_{i,i+1}\tau_{i+1,i+2}\rangle$	$S_N = \langle \tau_{i,i+1} \| i \in \|1,2,\ldots,N-1\|, \tau_{i,i+1}^2 = \mathbb{I},$ $\tau_{i,i+1}\tau_{i+1,i+2}\tau_{i,i+1} = \tau_{i+1,i+2}\tau_{i,i+1}\tau_{i+1,i+2}\rangle$
cardona-qft-methods_ EQ0320 (6)	160	0.820	`\begin{aligned} \phi_{\\|}^{a}(x) & \equiv \phi^{a}(x+d x)+d x^{\mu} \omega_{b \mu}^{a}(x) \phi^{b}(x) \\ & = \phi^{a}(x)+d x^{\mu}\left[\partial_{\mu} \phi^{a}(x)+ \omega_{b \mu}^{a}(x) \phi^{b}(x)\right] . \end{aligned}`	$\phi^a_{\|\|}(x) \equiv \phi^a(x+dx) + dx^\mu \omega^a_{b\mu}(x)\phi^b(x)$ $= \phi^a(x) + dx^\mu \left[\partial_\mu \phi^a(x) + \omega^a_{b\mu}(x)\phi^b(x)\right].$	$\phi^a_{\|\|}(x) \equiv \phi^a(x+dx) + dx^\mu \omega^a_{b\mu}(x)\phi^b(x)$ $= \phi^a(x) + dx^\mu[\partial_\mu \phi^a(x) + \omega^a_{b\mu}(x)\phi^b(x)].$
cardona-qft-methods_ EQ0650 (57)	260	0.831	`\varphi_{\theta}^{*}=\exp \frac{i}{2} \partial \wedge P \varphi_{0},`	$\varphi_\theta^* = \exp \frac{i}{2}\partial \wedge P\varphi_0,$	$\varphi_\theta^* = \exp \frac{i}{2}\partial \wedge P\varphi_0,$
cardona-qft-methods_ EQ0029	28	0.834	`\operatorname{Tr}_{D i x}(P)=\frac{1}{d} W R e s(P)= \frac{1}{d} \int_{M} \int_{S^{*} M} \sigma_{-d}^{P}(x, \xi) d \xi|d x|`	$\mathrm{Tr}_{Dix}(P) = \frac{1}{d} WRes(P) = \frac{1}{d}\int_M \int_{S^*M} \sigma^P_{-d}(x,\xi)d\xi\|dx\|$	$\mathrm{Tr}_{Dix}(P) = \frac{1}{d}\; WRes(P) = \frac{1}{d}\int_M \int_{S^*M} \sigma^P_{-d}(x,\xi)\,d\xi\|dx\|$
cardona-qft-methods_ EQ0519 (5)	237	0.835	`f * g(x)=f e^{i / 2 \overleftarrow{\delta_{\mu}} \theta^{ \mu \nu} \overrightarrow{\partial_{\nu}}} g`	$f * g(x) = f e^{i/2 \overleftarrow{\delta_\mu} \theta^{\mu\nu} \overrightarrow{\partial_\nu}} g$	$f * g(x) = f e^{i/2 \overleftarrow{\partial_\mu} \theta^{\mu\nu} \overrightarrow{\partial_\nu}} g.$
cardona-qft-methods_ EQ0613 (21)	254	0.835	`\begin{gathered} \int \prod_{i} d \mu\left(p_{i}\right) c_{\Delta p_{1}}^{\dagger} c_{\Delta p_{2}}^{\dagger} \ldots c_{\Delta p_{N}}^{\dagger}|0\rangle e_{\Delta p_{1}} \otimes e_{\Delta p_{1}} \otimes \ldots \otimes e_{\Delta p_{N}}= \\ \int \prod_{i} d \mu\left(p_{i} \right) c_{p_{1}}^{\dagger} c_{p_{2}}^{\dagger} \ldots c_{p_{N}}^{\dagger}|0\rangle e_{p_{1}} \otimes e_{p_{1}} \otimes \ldots \otimes e_{p_{N}} \end{gathered}`	$\int \prod_i d\mu(p_i) c^\dagger_{\Delta p_1} c^\dagger_{\Delta p_2} \ldots c^\dagger_{\Delta p_N}\|0\rangle e_{\Delta p_1} \otimes e_{\Delta p_1} \otimes \ldots \otimes e_{\Delta p_N} =$ $\int \prod_i d\mu\,(p_i)\, c^\dagger_{p_1} c^\dagger_{p_2} \ldots c^\dagger_{p_N}\|0\rangle e_{p_1} \otimes e_{p_1} \otimes \ldots \otimes e_{p_N}$	$\int \prod_i d\mu(p_i) c^\dagger_{\Delta p_1} c^\dagger_{\Delta p_2} \ldots c^\dagger_{\Delta p_N}\|0\rangle e_{\Delta p_1} \otimes e_{\Delta p_1} \otimes \ldots \otimes e_{\Delta p_N} =$ $\int \prod_i d\mu(p_i) c^\dagger_{p_1} c^\dagger_{p_2} \ldots c^\dagger_{p_N}\|0\rangle e_{p_1} \otimes e_{p_1} \otimes \ldots \otimes e_{p_N},$
cardona-qft-methods_ EQ0512 (5)	230	0.840	`\partial_{t} x_{j}=\beta_{j}^{\mathrm{SM}}+\beta_{j}^{ \mathrm{grav}},`	$\partial_t x_j = \beta_j^{\mathrm{SM}} + \beta_j^{\mathrm{grav}},$	$\partial_t x_j = \beta_j^{\mathrm{SM}} + \beta_j^{\mathrm{grav}},$

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cardona-qft-methods_EQ0046	35	0.840	`\mathcal{C} \ell_{x} M=\left\{\begin{array}{l} M_{2^{m}}(\mathbb{C}) \text { when } d=2 m \text { is even }, \\ M_{2^{m}}(\mathbb{C}) \oplus M_{2^{m}}(\mathbb{C}) \text { when } d=2 m+1 . \end{array}\right.`	$\mathcal{C} \ell_{x} M=\left\{\begin{array}{l} M_{2^{m}}(\mathbb{C}) \text { when } d=2 m \text { is even }, \\ M_{2^{m}}(\mathbb{C}) \oplus M_{2^{m}}(\mathbb{C}) \text { when } d=2 m+1 . \end{array}\right.$	$\mathcal{C} \ell_{x} M=\left\{\begin{array}{l} M_{2^{m}}(\mathbb{C}) \text { when } d=2 m \text { is even}, \\ M_{2^{m}}(\mathbb{C}) \oplus M_{2^{m}}(\mathbb{C}) \text { when } d=2 m+1 . \end{array}\right.$
cardona-qft-methods_EQ0749	284	0.842	`\text { Super }\left[A d S_{5} \times S^{5}\right]:= \frac{\widetilde{\operatorname{PSU}}(2,2 \mid 4)}{ \operatorname{SO}(1,4) \times \operatorname{SO}(5)}`	$\text { Super }\left[A d S_{5} \times S^{5}\right]:= \frac{\widetilde{\operatorname{PSU}}(2,2 \mid 4)}{ \operatorname{SO}(1,4) \times \operatorname{SO}(5)}$	$\text { Super }\left[A d S_{5} \times S^{5}\right]:= \frac{\widetilde{\operatorname{PSU}}(2,2 \mid 4)}{ \operatorname{SO}(1,4) \times \operatorname{SO}(5)}$,
cardona-qft-methods_EQ0335 (21)	164	0.848	`D\left(R^{a}{ }_{b} \phi^{b}\right)=R^{a}{ }_{b} \wedge D \phi^{b} .`	$D\left(R^{a}{ }_{b} \phi^{b}\right)=R^{a}{ }_{b} \wedge D \phi^{b} .$	$D\left(R^{a}{ }_{b} \phi^{b}\right)=R^{a}{ }_{b} \wedge D \phi^{b} .$
cardona-qft-methods_EQ0898	347	0.850	`\begin{gathered} A \stackrel{L}{\otimes_{A^{e}}} M=B(A) \stackrel{L}{\otimes_{A^{e}}} M \\ \mathcal{R} \mathcal{H o m}{ }_{A^{e}}(A, M)=\operatorname{Hom}_{A^{e}}(B(A), M) \end{gathered}`	$\begin{gathered} A \stackrel{L}{\otimes_{A^{e}}} M=B(A) \stackrel{L}{\otimes_{A^{e}}} M \\ \mathcal{R} \mathcal{H o m}{ }_{A^{e}}(A, M)=\operatorname{Hom}_{A^{e}}(B(A), M) \end{gathered}$	$\begin{gathered} A \stackrel{L}{\otimes_{A^{e}}} M=B(A) \stackrel{L}{\otimes_{A^{e}}} M \\ \mathcal{R} \mathcal{H o m}{ }_{A^{e}}(A, M)=\operatorname{Hom}_{A^{e}}(B(A), M) \end{gathered}$
cardona-qft-methods_EQ0100	58	0.850	`\operatorname{Tr}\left(e^{-t \not D^{2}}\right)= \frac{1}{t^{2}}\left(\frac{2}{3}+\frac{2}{3} t+ \sum_{k=0}^{n} a_{k} t^{k+2}+\mathcal{O}\left(t^{n+3} \right)\right),`	$\operatorname{Tr}\left(e^{-t \not D^{2}}\right)= \frac{1}{t^{2}}\left(\frac{2}{3}+\frac{2}{3} t+ \sum_{k=0}^{n} a_{k} t^{k+2}+\mathcal{O}\left(t^{n+3} \right)\right),$	$\operatorname{Tr}\left(e^{-t \not D^{2}}\right)= \frac{1}{t^{2}}\left(\frac{2}{3}+\frac{2}{3} t+ \sum_{k=0}^{n} a_{k} t^{k+2}+\mathcal{O}\left(t^{n+3} \right)\right),$
cardona-qft-methods_EQ0957 (9)	361	0.850	`\mathcal{C}\left(X_{\Gamma} \cap\left( \mathbb{P}_{k}^{n-1} \backslash \Sigma_{n}\right) \right)=X_{\Gamma^{\vee}} \cap\left(\mathbb{P}_{k}^{n-1} \backslash \Sigma_{n}\right)`	$\mathcal{C}\left(X_{\Gamma} \cap\left(\mathbb{P}_{k}^{n-1} \backslash \Sigma_{n}\right) \right)=X_{\Gamma^{\vee}} \cap\left(\mathbb{P}_{k}^{n-1} \backslash \Sigma_{n}\right)$	$\mathcal{C}\left(X_{\Gamma} \cap\left(\mathbb{P}_{k}^{n-1} \backslash \Sigma_{n}\right) \right)=X_{\Gamma^{\vee}} \cap\left(\mathbb{P}_{k}^{n-1} \backslash \Sigma_{n}\right)$
cardona-qft-methods_EQ0284	137	0.856	`\Psi_{G_{2 e}}=t_{e} t_{e^{\prime}} \Psi_{G \backslash e}+\left(t_{e}+t_{e^{\prime}}\right) \Psi_{G / e}`	$\Psi_{G_{2 e}}=t_{e} t_{e^{\prime}} \Psi_{G \backslash e}+\left(t_{e}+t_{e^{\prime}}\right) \Psi_{G / e}$	$\Psi_{G_{2 e}}=t_{e} t_{e^{\prime}} \Psi_{G \backslash e}+\left(t_{e}+t_{e^{\prime}}\right) \Psi_{G / e}$.
cardona-qft-methods_EQ0337 (23)	164	0.856	`e^{a} \equiv e_{\mu}^{a}(x) d x^{\mu} \quad \text { and } \quad \omega_{b}^{a} \equiv \omega_{b \mu}^{a}(x) d x^{ \mu} .`	$e^{a} \equiv e_{\mu}^{a}(x) d x^{\mu} \quad \text { and } \quad \omega_{b}^{a} \equiv \omega_{b \mu}^{a}(x) d x^{\mu} .$	$e^{a} \equiv e_{\mu}^{a}(x) d x^{\mu} \quad \text { and } \quad \omega_{b}^{a} \equiv \omega_{b \mu}^{a}(x) d x^{\mu} .$
cardona-qft-methods_EQ0037	29	0.857	`\tau_{\lambda}\left(T_{1}+T_{2}\right)-\tau_{\lambda} \left(T_{1}\right)-\tau_{\lambda}\left(T_{2}\right) \underset{\lambda \rightarrow \infty}{\simeq} \mathcal{O} \left(\frac{\log (\log \lambda)}{\log \lambda}\right), \text { when } 0 \leq T_{1}, T_{2} \in \mathcal{L}^{1, \infty} .`	$\tau_{\lambda}\left(T_{1}+T_{2}\right)-\tau_{\lambda}\left(T_{1}\right)-\tau_{\lambda}\left(T_{2}\right) \underset{\lambda \rightarrow \infty}{\simeq} \mathcal{O} \left(\frac{\log (\log \lambda)}{\log \lambda}\right), \text { when } 0 \leq T_{1}, T_{2} \in \mathcal{L}^{1, \infty} .$	$\tau_{\lambda}\left(T_{1}+T_{2}\right)-\tau_{\lambda}\left(T_{1}\right)-\tau_{\lambda}\left(T_{2}\right) \underset{\lambda \rightarrow \infty}{\simeq} \mathcal{O} \left(\frac{\log (\log \lambda)}{\log \lambda}\right), \text { when } 0 \leq T_{1}, T_{2} \in \mathcal{L}^{1, \infty} .$
cardona-qft-methods_EQ0068	42	0.858	`\begin{aligned} \operatorname{WRes}\left(D^{-p}\right) & =\frac{2}{\Gamma(p / 2)} a_{d-p}\left(D^{2}\right) \ \ & =\frac{2}{(4 \pi)^{d / 2} \Gamma(p / 2)} \int_{M} \operatorname{tr}\left(k_{(d-p) / 2}(x, x)\right) \operatorname{vol}_{g}(x) \end{aligned}`	$\begin{aligned} \operatorname{WRes}\left(D^{-p}\right) & =\frac{2}{\Gamma(p / 2)} a_{d-p}\left(D^{2}\right) \\ & =\frac{2}{(4 \pi)^{d / 2} \Gamma(p / 2)} \int_{M} \operatorname{tr}\left(k_{(d-p) / 2}(x, x)\right) \operatorname{vol}_{g}(x) \end{aligned}$	$\begin{aligned} \operatorname{WRes}\left(D^{-p}\right) & =\frac{2}{\Gamma(p / 2)} a_{d-p}\left(D^{2}\right) \\ & =\frac{2}{(4 \pi)^{d / 2} \Gamma(p / 2)} \int_{M} \operatorname{tr}\left(k_{(d-p) / 2}(x, x)\right) \operatorname{vol}_{g}(x) . \end{aligned}$
cardona-qft-methods_EQ0265	125	0.863	`\langle G\rangle=\text { 'propagator' } \cdot \left\langle G_{1}\right\rangle \cdot\left\langle G_{2}\right\rangle,`	$\langle G\rangle=\text { 'propagator' } \cdot \left\langle G_{1}\right\rangle \cdot\left\langle G_{2}\right\rangle,$	$\langle G\rangle=\text { 'propagator' } \cdot \left\langle G_{1}\right\rangle \cdot\left\langle G_{2}\right\rangle$,
cardona-qft-methods_EQ0261	123	0.872	`t_{1} t_{2}+t_{1} t_{3}+t_{1} t_{5}+t_{2} t_{4}+t_{2} t_{5}+t_{3} t_{4}+t_{3} t_{5}+t_{4} t_{5},`	$t_{1} t_{2}+t_{1} t_{3}+t_{1} t_{5}+t_{2} t_{4}+t_{2} t_{5}+t_{3} t_{4}+t_{3} t_{5}+t_{4} t_{5},$	$t_{1} t_{2}+t_{1} t_{3}+t_{1} t_{5}+t_{2} t_{4}+t_{2} t_{5}+t_{3} t_{4}+t_{3} t_{5}+t_{4} t_{5}$,
cardona-qft-methods_EQ0967 (7)	362	0.873	`\left[X_{\Gamma^{\vee}}\right]=\left[\Sigma_{n}\right]= \frac{(1+\mathbb{T})^{n}-1-\mathbb{T}^{n}}{\mathbb{T}}= \sum_{i=1}^{n-1}\binom{n}{i} \mathbb{T}^{n-1-i} .`	$\left[X_{\Gamma^{\vee}}\right]=\left[\Sigma_{n}\right]= \frac{(1+\mathbb{T})^{n}-1-\mathbb{T}^{n}}{\mathbb{T}}= \sum_{i=1}^{n-1}\binom{n}{i} \mathbb{T}^{n-1-i} .$	$\left[X_{\Gamma^{\vee}}\right]=\left[\Sigma_{n}\right]= \frac{(1+\mathbb{T})^{n}-1-\mathbb{T}^{n}}{\mathbb{T}}= \sum_{i=1}^{n-1}\binom{n}{i} \mathbb{T}^{n-1-i} .$

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cardona-qft-methods_EQ0338 (4)	165	0.874	`\begin{aligned} \mathbf{P}_{2 k} & =: R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{a_{1}} \\ v_{k} & =: e_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} e^{b}, \text { odd } k \\ \tau_{k} & =: T_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} T^{b}, \text { even } k \\ \zeta_{k} & =: e_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} T^{b} \\ \mathbf{E}_{D} & =: \epsilon_{a_{1} a_{2} \cdots a_{D}} R^{a_{1} a_{2}} R^{a_{3} a_{4}} \cdots R^{a_{D-1} a_{D}}, \text { even } D \\ L_{p} & =: \epsilon_{a_{1} a_{2} \cdots a_{D}} R^{a_{1} a_{2}} R^{a_{3} a_{4}} \cdots R^{a_{2 p-1} a_{2 p}} e^{a_{2 p+1}} \cdots e^{a_{D}} . \end{aligned}`	$\begin{aligned} \mathbf{P}_{2 k} & =: R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{a_{1}} \\ v_{k} & =: e_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} e^{b}, \text { odd } k \\ \tau_{k} & =: T_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} T^{b}, \text { even } k \\ \zeta_{k} & =: e_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} T^{b} \\ \mathbf{E}_{D} & =: \epsilon_{a_{1} a_{2} \cdots a_{D}} R^{a_{1} a_{2}} R^{a_{3} a_{4}} \cdots R^{a_{D-1} a_{D}}, \text { even } D \\ L_{p} & =: \epsilon_{a_{1} a_{2} \cdots a_{D}} R^{a_{1} a_{2}} R^{a_{3} a_{4}} \cdots R^{a_{2 p-1} a_{2 p}} e^{a_{2 p+1}} \cdots e^{a_{D}} . \end{aligned}$	$\begin{aligned} \mathbf{P}_{2 k} & =: R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{a_{1}} \\ v_{k} & =: e_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} e^{b}, \text { odd } k \\ \tau_{k} & =: T_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} T^{b}, \text { even } k \\ \zeta_{k} & =: e_{a_{1}} R^{a_{1}}{ }_{a_{2}} R^{a_{2}}{ }_{a_{3}} \cdots R^{a_{k}}{ }_{b} T^{b} \\ \mathbf{E}_{D} & =: \epsilon_{a_{1} a_{2} \cdots a_{D}} R^{a_{1} a_{2}} R^{a_{3} a_{4}} \cdots R^{a_{D-1} a_{D}}, \text { even } D \\ L_{p} & =: \epsilon_{a_{1} a_{2} \cdots a_{D}} R^{a_{1} a_{2}} R^{a_{3} a_{4}} \cdots R^{a_{2 p-1} a_{2 p}} e^{a_{2 p+1}} \cdots e^{a_{D}} . \end{aligned}$
cardona-qft-methods_EQ0915	351	0.874	`H H_{*}\left(\left(C^{*}(X) \# G, C^{*}(X) \# G\right) \cong \operatorname{Tor}_{\mathbb{Z} G}^{*}\left( \mathbb{Z}, C^{*}(X) \stackrel{L}{\otimes_{C^{*}}(X)^{e}} C^{*}(X) \# G\right)\right.`	$HH_{*}\left(\left(C^{*}(X) \# G, C^{*}(X) \# G\right) \cong \operatorname{Tor}_{\mathbb{Z} G}^{*}\left(\mathbb{Z}, C^{*}(X) \stackrel{L}{\otimes_{C^{*}}(X)^{e}} C^{*}(X) \# G\right)\right.$	$HH_{*}((C^{*}(X)\#G, C^{*}(X)\#G) \cong \operatorname{Tor}_{\mathbb{Z}G}^{*}(\mathbb{Z}, C^{*}(X) \stackrel{L}{\otimes}_{C^{*}(X)^{e}} C^{*}(X)\#G)$
cardona-qft-methods_EQ0870	337	0.875	`\begin{aligned} \mathcal{G} & =G \\ L & =\left\{ \left(g_{1}, g_{2}, g_{3}\right) \mid\left(g_{1}, g_{2} \right) \in G \times_{(s, t)} G, g_{3}=\mu\left(g_{1}, g_{2}\right)\right\} . \\ I & =g \mapsto g^{-1}, g \in G . \end{aligned}`	$\begin{aligned} \mathcal{G} & =G \\ L & =\left\{\left(g_{1}, g_{2}, g_{3}\right) \mid\left(g_{1}, g_{2} \right) \in G \times_{(s, t)} G, g_{3}=\mu\left(g_{1}, g_{2}\right)\right\} . \\ I & =g \mapsto g^{-1}, g \in G . \end{aligned}$	$\begin{aligned} \mathcal{G} & =G. \\ L & =\{(g_{1}, g_{2}, g_{3})\mid(g_{1}, g_{2}) \in G \times_{(s, t)} G, g_{3}=\mu(g_{1}, g_{2})\}. \\ I & =g \mapsto g^{-1}, g \in G. \end{aligned}$
cardona-qft-methods_EQ0670	264	0.875	`\begin{aligned} & \left\langle a_{l m} a_{l^{\prime} m^{ \prime}}^{*}\right\rangle_{\theta} \\ & =* \pi^{2} \int d k \sum_{l^{\prime \prime}=0, l^{\prime \prime}: \text { even }}^{\infty} i^{l+l^{\prime}}(-1)^{l+m}\left(2 l^{ \prime \prime}+1\right) k^{2} \Delta_{l}(k) \Delta_{l}^{ \prime}(k) P_{\Phi}(k) i_{l^{\prime \prime}}(\theta k H) \\ & \quad \times \sqrt{(2 l+1)(2 l^{\prime}+1 \right)}\left[\begin{array}{ccc} l & l^{\prime} & l^{ \prime \prime} \\ 0 & 0 & 0 \end{array}\right]\left[\begin{array}{ccc} l & l^{\prime} & l^{\prime \prime} \\ -m & m^{\prime} & 0 \end{array}\right] \end{aligned}`	$\begin{aligned} & \left\langle a_{l m} a_{l^{\prime} m^{ \prime}}^{*}\right\rangle_{\theta} \\ & =* \pi^{2} \int d k \sum_{l^{\prime \prime}=0, l^{\prime \prime}: \text { even }}^{\infty} i^{l+l^{\prime}}(-1)^{l+m}\left(2 l^{ \prime \prime}+1\right) k^{2} \Delta_{l}(k) \Delta_{l}^{ \prime}(k) P_{\Phi}(k) i_{l^{\prime \prime}}(\theta k H) \\ & \quad \times \sqrt{(2 l+1)(2 l^{\prime}+1 \right)}\left[\begin{array}{ccc} l & l^{\prime} & l^{ \prime \prime} \\ 0 & 0 & 0 \end{array}\right]\left[\begin{array}{ccc} l & l^{\prime} & l^{\prime \prime} \\ -m & m^{\prime} & 0 \end{array}\right] \end{aligned}$	$\begin{aligned} & \langle a_{lm} a_{l^{\prime} m^{ \prime}}^{*}\rangle_{\theta} \\ & =* \pi^{2} \int dk \sum_{l^{\prime \prime}=0, l^{\prime \prime}: even}^{\infty} i^{l+l^{\prime}}(-1)^{l+m}(2 l^{ \prime \prime}+1) k^{2} \Delta_{l}(k) \Delta_{l}^{ \prime}(k) P_{\Phi}(k) i_{l^{\prime \prime}}(\theta k H) \\ & \quad \times \sqrt{(2 l+1)(2 l^{\prime}+1)}\left[\begin{array}{ccc} l & l^{\prime} & l^{ \prime \prime} \\ 0 & 0 & 0 \end{array}\right]\left[\begin{array}{ccc} l & l^{\prime} & l^{\prime \prime} \\ -m & m^{\prime} & 0 \end{array}\right], \end{aligned}$
cardona-qft-methods_EQ0357 (26)	171	0.877	`\begin{aligned} & \left(\mathbf{N}_{4}\right)^{2}= \left(T^{a} T_{a}-e^{a} e^{b} R_{a b}\right)^{2} \\ & \mathbf{N}_{4} \mathbf{P}_{4}=\left(T^{a} T_{a}-e^{a} e^{b} R_{a b}\right)\left(R_{d}^{c} R_{c}^{d}\right) \end{aligned}`	$\begin{aligned} & \left(\mathbf{N}_{4}\right)^{2}= \left(T^{a} T_{a}-e^{a} e^{b} R_{a b}\right)^{2} \\ & \mathbf{N}_{4} \mathbf{P}_{4}=\left(T^{a} T_{a}-e^{a} e^{b} R_{a b}\right)\left(R_{d}^{c} R_{c}^{d}\right) \end{aligned}$	$\begin{aligned} & (\mathbf{N}_{4})^{2}= (T^{a} T_{a}-e^{a} e^{b} R_{ab})^{2}, \\ & \mathbf{N}_{4} \mathbf{P}_{4}=(T^{a} T_{a}-e^{a} e^{b} R_{ab})(R_{d}^{c} R_{c}^{d}), \end{aligned}$
cardona-qft-methods_EQ0267	127	0.880	`\Psi_{G_{1}}\left(t_{1}, \ldots, t_{n_{1}}\right) \Psi_{G_{2}}\left(u_{1}, \ldots, u_{n_{2}}\right) \neq 0,`	$\Psi_{G_{1}}\left(t_{1}, \ldots, t_{n_{1}}\right) \Psi_{G_{2}}\left(u_{1}, \ldots, u_{n_{2}}\right) \neq 0,$	$\Psi_{G_{1}}(t_{1}, \ldots, t_{n_{1}}) \Psi_{G_{2}}(u_{1}, \ldots, u_{n_{2}}) \neq 0 \quad ,$

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cardona-qft-methods_ EQ0314 (18)	156	0.882	`\begin{aligned} & {\left[\mathcal{H}_{\perp}(x), \mathcal{H}_{\perp}(y)\right]=g^{i j}(x) \delta(x, y),{ }_{i} \mathcal{H}_{j}(y)-g^{i j}(y) \delta(y, x),{ }_{i} \mathcal{H}_{j}(x)} \\ & {\left[\mathcal{H}_{i}(x), \mathcal{H}_{j}(y)\right]=\delta(x, y),{ }_{i} \mathcal{H}_{j}(y)-\delta(x, y),{ }_{j} \mathcal{H}_{i}(y)} \\ & {\left[\mathcal{H}_{\perp}(x), \mathcal{H}_{i}(y)\right]=\delta(x, y),{ }_{i} \mathcal{H}_{\perp}(y)} \end{aligned}`	$[\mathcal{H}_{\perp}(x), \mathcal{H}_{\perp}(y)] = g^{ij}(x)\delta(x,y),_i \mathcal{H}_j(y) - g^{ij}(y)\delta(y,x),_i \mathcal{H}_j(x)$ $[\mathcal{H}_i(x), \mathcal{H}_j(y)] = \delta(x,y),_i \mathcal{H}_j(y) - \delta(x,y),_j \mathcal{H}_i(y)$ $[\mathcal{H}_{\perp}(x), \mathcal{H}_i(y)] = \delta(x,y),_i \mathcal{H}_{\perp}(y)$	$\begin{aligned} [\mathcal{H}_{\perp}(x), \mathcal{H}_{\perp}(y)] &= g^{ij}(x)\delta(x,y),_i \mathcal{H}_j(y) - g^{ij}(y)\delta(y,x),_i \mathcal{H}_j(x) \\ [\mathcal{H}_i(x), \mathcal{H}_j(y)] &= \delta(x,y),_i \mathcal{H}_j(y) - \delta(x,y),_j \mathcal{H}_i(y) \\ [\mathcal{H}_{\perp}(x), \mathcal{H}_i(y)] &= \delta(x,y),_i \mathcal{H}_{\perp}(y) \end{aligned} ,$
cardona-qft-methods_ EQ0175 (3)	90	0.890	`\operatorname{Ind}_{G}(\tilde{\mathcal{D}}):=\bigoplus_{V \in \operatorname{Irr}(G)}(\operatorname{dim} V)( \operatorname{dimKer}(\mathcal{D})-\operatorname{dimKer}( \mathcal{D})) V .`	$\operatorname{Ind}_G(\tilde{\mathcal{D}}) := \bigoplus_{V \in \operatorname{Irr}(G)} (\operatorname{dim} V)(\operatorname{dimKer}(\mathcal{D}) - \operatorname{dimKer}(\mathcal{D}))V.$	$\operatorname{Ind}_G(\tilde{\mathcal{D}}) \;:=\; \bigoplus_{V \in \operatorname{Irr}(G)} (\operatorname{dim} V)\big(\operatorname{dim}\operatorname{Ker}(\mathcal{D}) - \operatorname{dim}\operatorname{Ker}(\mathcal{D})\big)\, V.$
cardona-qft-methods_ EQ0820 (20)	310	0.890	`\begin{aligned} & \Phi_{+}=\eta_{+}^{1} \otimes \eta_{+}^{2 \dagger}=-\frac{\mathrm{i}}{8} \omega \wedge e^{-\mathrm{i} v \wedge v^{\prime}}, \\ & \Phi_{-}= \eta_{+}^{1} \otimes \eta_{-}^{2 \dagger}=-\frac{1}{8} e^{-\mathrm{i} j} \wedge\left(v+\mathrm{i} v^{\prime} \right) . \end{aligned}`	$\Phi_+ = \eta_+^1 \otimes \eta_+^{2\dagger} = -\frac{\mathrm{i}}{8}\omega \wedge e^{-\mathrm{i}v\wedge v'},$ $\Phi_- = \eta_+^1 \otimes \eta_-^{2\dagger} = -\frac{1}{8}e^{-\mathrm{i}j} \wedge (v + \mathrm{i}v')\,.$	$\Phi_+ = \eta_+^1 \otimes \eta_+^{2\dagger} = -\frac{\mathrm{i}}{8}\omega \wedge e^{-\mathrm{i}v\wedge v'}\ ,$ $\Phi_- = \eta_+^1 \otimes \eta_-^{2\dagger} = -\frac{1}{8}e^{-\mathrm{i}j} \wedge (v + \mathrm{i}v')\ .$
cardona-qft-methods_ EQ0449	211	0.896	`Y_{(\downarrow 1)}^{\prime}=V_{1} Y_{(\downarrow 1)} V_{3}^{*}, \quad Y_{(\uparrow 1)}^{\prime}=V_{2} Y_{(\uparrow 1)} V_{3}^{*}, \quad Y_{R}^{\prime}=V_{2} Y_{R} \bar{V}_{2}^{*},`	$Y'_{(\downarrow 1)} = V_1 Y_{(\downarrow 1)} V_3^*, \quad Y'_{(\uparrow 1)} = V_2 Y_{(\uparrow 1)} V_3^*, \quad Y'_R = V_2 Y_R \bar{V}_2^*,$	$Y'_{(\downarrow 1)} = V_1\, Y_{(\downarrow 1)} V_3^*, \quad Y'_{(\uparrow 1)} = V_2\, Y_{(\uparrow 1)}\, V_3^*, \quad Y'_R = V_2\, Y_R\, \bar{V}_2^*,$
cardona-qft-methods_ EQ0427	205	0.896	`J^{2}=\varepsilon, \quad J D=\varepsilon^{\prime} D J, \quad \text { and } \quad J \gamma=\varepsilon^{\prime \prime} \gamma J,`	$J^2 = \varepsilon, \quad JD = \varepsilon' DJ, \quad \text{and} \quad J\gamma = \varepsilon'' \gamma J,$	$J^2 = \varepsilon, \quad JD = \varepsilon' DJ, \ \text{and} \ J\gamma = \varepsilon'' \gamma J,$
cardona-qft-methods_ EQ0728	277	0.905	`M_{a}(u)=\left(\begin{array}{ll} \hat{A}(u) & \hat{B}(u) \\ \hat{C}(u) & \hat{D}(u) \end{array}\right),`	$M_a(u) = \begin{pmatrix} \hat{A}(u) & \hat{B}(u) \\ \hat{C}(u) & \hat{D}(u) \end{pmatrix},$	$M_a(u) = \begin{pmatrix} \hat{A}(u) & \hat{B}(u) \\ \hat{C}(u) & \hat{D}(u) \end{pmatrix},$
cardona-qft-methods_ EQ0900	347	0.907	`C_{*}\left(L M^{-T M}\right) \stackrel{\simeq}{ \rightarrow} \mathcal{R} \mathcal{H} o m_{C^{*}(M)^{e}} \left(C^{*}(M), C^{*}(M)\right)`	$C_*\left(LM^{-TM}\right) \xrightarrow{\simeq} \mathcal{RH}om_{C^*(M)^e}\left(C^*(M), C^*(M)\right)$	$C_*(LM^{-TM}) \xrightarrow{\simeq} \mathcal{RH}om_{C^*(M)^e}(C^*(M), C^*(M))$
cardona-qft-methods_ EQ0979 (19)	364	0.907	`\left[X_{\Gamma^{\vee}}\right]=\frac{( \mathbb{T}+1)^{n}-1}{\mathbb{T}}-\frac{ \mathbb{T}^{n}-(-1)^{n}}{\mathbb{T}}-n \mathbb{T}^{n-2} .`	$[X_{\Gamma^\vee}] = \frac{(\mathbb{T}+1)^n - 1}{\mathbb{T}} - \frac{\mathbb{T}^n - (-1)^n}{\mathbb{T}} - n\mathbb{T}^{n-2}.$	$[X_{\Gamma^\vee}] = \frac{(\mathbb{T}+1)^n - 1}{\mathbb{T}} - \frac{\mathbb{T}^n - (-1)^n}{\mathbb{T}} - n\mathbb{T}^{n-2}\,.$
cardona-qft-methods_ EQ0549 (18)	244	0.911	`\begin{aligned} m_{r}[(S \otimes \mathrm{Id} \otimes \mathrm{Id})(\mathrm{Id} \otimes \Delta) \Delta(\alpha)] & =e \otimes \alpha \\ m_{r}^{\prime}[(\mathrm{Id} \otimes S \otimes \mathrm{Id})(\mathrm{Id} \otimes \Delta) \Delta(\alpha)] & =\alpha \otimes e, \quad \alpha \in H . \end{aligned}`	$m_r[(S \otimes \mathrm{Id} \otimes \mathrm{Id})(\mathrm{Id} \otimes \Delta)\Delta(\alpha)] = e \otimes \alpha$ $m'_r[(\mathrm{Id} \otimes S \otimes \mathrm{Id})(\mathrm{Id} \otimes \Delta)\Delta(\alpha)] = \alpha \otimes e, \quad \alpha \in H.$	$m_r[(S \otimes \mathrm{Id} \otimes \mathrm{Id})(\mathrm{Id} \otimes \Delta)\Delta(\alpha)] = e \otimes \alpha$ $m'_r[(\mathrm{Id} \otimes S \otimes \mathrm{Id})(\mathrm{Id} \otimes \Delta)\Delta(\alpha)] = \alpha \otimes e, \ \ \alpha \in H.$

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cardona-qft-methods_EQ0492	222	■0.913	`\begin{array}{ll} \frac{1}{2 \kappa_{0}^{2}}= \frac{96 f_{2} \Lambda^{2}-f_{0} \mathfrak{c}}{24 \pi^{2}} \gamma_{0}=\frac{1}{\pi^{2}}\left(48 f_{4} \Lambda^{4}-f_{2} \Lambda^{2} \mathfrak{c}+ \frac{f_{0}}{4} \mathfrak{d}\right) \\ \alpha_{0}=- \frac{3 f_{0}}{10 \pi^{2}} \quad \tau_{0}=\frac{11 f_{0}}{60 \pi^{2}} \\ \mu_{0}^{2}=2 \frac{f_{2} \Lambda^{2}}{f_{0}}-\frac{\mathfrak{e}}{\mathfrak{a}} \quad \xi_{0}=\frac{1}{12} \\ \lambda_{0}=\frac{\pi^{2} \mathfrak{b}}{2 f_{0} \mathfrak{a}^{2}} \end{array}`	$\frac{1}{2\kappa_0^2} = \frac{96 f_2 \Lambda^2 - f_0 \mathfrak{c}}{24\pi^2} \gamma_0 = \frac{1}{\pi^2}\left(48 f_4 \Lambda^4 - f_2 \Lambda^2 \mathfrak{c} + \frac{f_0}{4}\mathfrak{d}\right)$ $\alpha_0 = -\frac{3 f_0}{10\pi^2} \quad \tau_0 = \frac{11 f_0}{60\pi^2}$ $\mu_0^2 = 2\frac{f_2\Lambda^2}{f_0} - \frac{\mathfrak{e}}{\mathfrak{a}} \quad \xi_0 = \frac{1}{12}$ $\lambda_0 = \frac{\pi^2 \mathfrak{b}}{2 f_0 \mathfrak{a}^2}$	$\frac{1}{2\kappa_0^2} = \frac{96 f_2 \Lambda^2 - f_0 \mathfrak{c}}{24\pi^2} \quad \gamma_0 = \frac{1}{\pi^2}(48 f_4 \Lambda^4 - f_2 \Lambda^2 \mathfrak{c} + \frac{f_0}{4}\mathfrak{d})$ $\alpha_0 = -\frac{3 f_0}{10\pi^2} \qquad \tau_0 = \frac{11 f_0}{60\pi^2}$ $\mu_0^2 = 2\frac{f_2\Lambda^2}{f_0} - \frac{\mathfrak{e}}{\mathfrak{a}} \qquad \xi_0 = \frac{1}{12}$ $\lambda_0 = \frac{\pi^2 \mathfrak{b}}{2 f_0 \mathfrak{a}^2}$
cardona-qft-methods_EQ0105	63	■0.913	`\begin{aligned} & f\left|D_{A} \right|^{-n}=f|D|^{-n}=2^{m+1} \pi^{n / 2} \Gamma \left(\frac{n}{2}\right)^{-1}, \\ & f\left|D_{A} \right|^{-n+k}=0 \text { for } k \text { odd, } \\ & f\left|D_{A}\right|^{-n+2}=0 . \end{aligned}`	$f\,\|D_A\|^{-n} = f\|D\|^{-n} = 2^{m+1}\pi^{n/2}\Gamma\left(\frac{n}{2}\right)^{-1},$ $f\,\|D_A\|^{-n+k} = 0$ for k odd, $f\,\|D_A\|^{-n+2} = 0.$	$\fint \|D_A\|^{-n} \quad = \fint \|D\|^{-n} = 2^{m+1}\pi^{n/2}\Gamma(\frac{n}{2})^{-1},$ $\fint \|D_A\|^{-n+k} = 0$ for k odd, $\fint \|D_A\|^{-n+2} = 0.$
cardona-qft-methods_EQ0096	56	■0.914	`\operatorname{Tr}\left(g\left(t \mathcal{D}^{2} \right)\right) \underset{t \downarrow 0}{\sim} \sum_{\alpha \in \mathrm{Sp}^{-}}\left[\frac{1}{2} \operatorname{Res}_{s=-2 \alpha} \zeta_{\mathcal{D}}(s) \int_{0}^{\infty} g(y) y^{-\alpha-1} d y\right] t^{ \alpha}`	$\operatorname{Tr}\left(g\left(t\mathcal{D}^2\right)\right) \underset{t\downarrow 0}{\sim} \sum_{\alpha\in\mathrm{Sp}^-}\left[\frac{1}{2}\operatorname{Res}_{s=-2\alpha}\zeta_{\mathcal{D}}(s)\int_0^\infty g(y)y^{-\alpha-1}dy\right]t^\alpha$	$\operatorname{Tr}\left(g(t\mathcal{D}^2)\right) \underset{t\downarrow 0}{\sim} \sum_{\alpha\in\mathrm{Sp}^-}\left[\frac{1}{2}\operatorname{Res}_{s=-2\alpha}\zeta_{\mathcal{D}}(s)\int_0^\infty g(y)\,y^{-\alpha-1}\,dy\right]t^\alpha.$
cardona-qft-methods_EQ0386 (26)	179	■0.918	`\mathbf{E}_{4}=d L_{3}^{A d S} .`	$\mathbf{E}_4 = dL_3^{AdS}.$	$\mathbf{E}_4 = dL_3^{AdS}.$
cardona-qft-methods_EQ0397 (32)	181	■0.919	`L_{3}^{E x o t i c}=L_{3}^{L o r} \pm \frac{2}{l^{2}} L_{3}^{T o r} .`	$L_3^{Exotic} = L_3^{Lor} \pm \frac{2}{l^2} L_3^{Tor}.$	$L_3^{Exotic} = L_3^{Lor} \pm \frac{2}{l^2} L_3^{Tor}.$
cardona-qft-methods_EQ0779 (20)	297	■0.922	`\begin{aligned} \beta_{M N}^{G} & =\alpha^{\prime} \left(R_{M N}+2 \nabla_{M} \nabla_{N} \Phi-\frac{1}{4} H_{M P Q} H_{N}^{P Q}\right)+O\left(\alpha^{\prime 2} \right), \\ \beta_{M N}^{B} & =\alpha^{\prime}\left(- \frac{1}{2} \nabla^{P} H_{P M N}+\nabla^{P} \Phi H_{P M N}\right)+O\left(\alpha^{\prime 2}\right), \\ \beta^{ \Phi} & =\alpha^{\prime}\left(\frac{D-26}{6 \alpha^{ \prime}}-\frac{1}{2} \nabla^{2} \Phi+\nabla_{M} \Phi \nabla^{M} \Phi-\frac{1}{24} H_{M N P} H^{M N P}\right)+O \left(\alpha^{\prime 2}\right), \end{aligned}`	$\beta_{MN}^G = \alpha'\left(R_{MN} + 2\nabla_M\nabla_N\Phi - \frac{1}{4}H_{MPQ}H_N^{PQ}\right) + O\left(\alpha'^2\right),$ $\beta_{MN}^B = \alpha'\left(-\frac{1}{2}\nabla^P H_{PMN} + \nabla^P\Phi H_{PMN}\right) + O\left(\alpha'^2\right),$ $\beta^\Phi = \alpha'\left(\frac{D-26}{6\alpha'} - \frac{1}{2}\nabla^2\Phi + \nabla_M\Phi\nabla^M\Phi - \frac{1}{24}H_{MNP}H^{MNP}\right) + O\left(\alpha'^2\right),$	$\beta_{MN}^G = \alpha'\left(R_{MN} + 2\nabla_M\nabla_N\Phi - \frac{1}{4}H_{MPQ}H_N{}^{PQ}\right) + O(\alpha'^2),$ $\beta_{MN}^B = \alpha'\left(-\frac{1}{2}\nabla^P H_{PMN} + \nabla^P\Phi H_{PMN}\right) + O(\alpha'^2), \qquad (20)$ $\beta^\Phi = \alpha'\left(\frac{D-26}{6\alpha'} - \frac{1}{2}\nabla^2\Phi + \nabla_M\Phi\nabla^M\Phi - \frac{1}{24}H_{MNP}H^{MNP}\right) + O(\alpha'^2),$

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cardona-qft-methods_EQ0238	114	■0.922	`c(E)=1+c_{1}(E)+c_{2}(E)+\cdots+c_{\mathrm{rk}} E(E) .`	$c(E)=1+c_1(E)+c_2(E)+\cdots+c_{\mathrm{rk}}E(E).$	$c(E)=1+c_1(E)+c_2(E)+\cdots+c_{\mathrm{rk}\,E}(E)$.
cardona-qft-methods_EQ0264	125	■0.926	`\sum_{\text {graphs } G}\langle G\rangle=\exp \left( \sum_{\text {connected graphs } G}\langle G\rangle\right) .`	$\sum_{\text{graphs } G}\langle G\rangle=\exp\left(\sum_{\text{connected graphs } G}\langle G\rangle\right).$	$\sum_{\text{graphs } G}\langle G\rangle=\exp\left(\sum_{\textit{connected}\text{ graphs } G}\langle G\rangle\right)$.
cardona-qft-methods_EQ0768 (9)	294	■0.927	`\left[\alpha_{n}^{P}, \alpha_{m}^{Q}\right]=\left[ \tilde{\alpha}_{n}^{P}, \tilde{\alpha}_{m}^{Q}\right]=n \delta_{n+m} \eta^{P Q}, \quad\left[x^{P}, p^{Q}\right]=i \eta^{P Q} .`	$\left[\alpha_n^P,\alpha_m^Q\right]=\left[\tilde{\alpha}_n^P,\tilde{\alpha}_m^Q\right]=n\delta_{n+m}\eta^{PQ}, \quad \left[x^P,p^Q\right]=i\eta^{PQ}.$	$\left[\alpha_n^P,\alpha_m^Q\right]=\left[\tilde{\alpha}_n^P,\tilde{\alpha}_m^Q\right]=n\delta_{n+m}\eta^{PQ}$, $\left[x^P,p^Q\right]=i\eta^{PQ}$.
cardona-qft-methods_EQ0098 (35)	56	■0.928	`\begin{aligned} & a_{k}\left(\mathcal{D}^{2}\right)= \frac{1}{2} \Gamma\left(\frac{d-k}{2}\right) f| \mathcal{D}|^{-d+k} \quad \text { for } k=0, \cdots, d-1, \\ & a_{d}\left(\mathcal{D}^{2}\right)=\operatorname{dim} \mathcal{D}+\zeta_{\mathcal{D}^{2}}(0) . \end{aligned}`	$\begin{aligned} & a_k\left(\mathcal{D}^2\right)=\frac{1}{2}\Gamma\left(\frac{d-k}{2}\right) f\|\mathcal{D}\|^{-d+k} \quad \text{ for } k=0,\cdots,d-1, \\ & a_d\left(\mathcal{D}^2\right)=\operatorname{dim}\mathcal{D}+\zeta_{\mathcal{D}^2}(0). \end{aligned}$	$\begin{aligned} & a_k(\mathcal{D}^2)=\tfrac{1}{2}\Gamma(\tfrac{d-k}{2})⨍\|\mathcal{D}\|^{-d+k} \quad \textit{for } k=0,\cdots,d-1, \\ & a_d(\mathcal{D}^2)=\operatorname{dim}\mathcal{D}+\zeta_{\mathcal{D}^2}(0). \end{aligned}$
cardona-qft-methods_EQ0734 (1)	279	■0.929	`\begin{aligned} S=\frac{N}{\lambda} \int \frac{ \mathrm{~d}^{4} x}{(2 \pi)^{4}} \operatorname{Tr} & \left(\frac{1}{4} F^{\mu \nu} F_{\mu \nu}+\frac{1}{2} \left(D^{\mu}\right)^{*} \varphi_{m} D_{\mu} \varphi_{m}+ \bar{\psi}_{\dot{\alpha}}^{a}\left(\sigma_{\mu}\right)^{ \dot{\alpha} \beta} D^{\mu} \psi_{a \beta}\right. \ \ & -\frac{1}{4}\left[\varphi^{m}, \varphi^{n}\right] \left[\varphi_{m}, \varphi_{n}\right] \\ & \left.-\frac{i}{2} \psi_{a \alpha}\left(\Sigma_{m}\right)^{a b} \varepsilon^{\alpha \beta}\left[\varphi^{m} \psi_{a \beta}\right]-\frac{i}{2} \bar{\psi}_{\dot{\alpha}}^{a}\left(\Sigma_{m}\right)^{a b} \varepsilon^{\dot{\alpha} \dot{\beta}}\left[\varphi^{m} \bar{\psi}_{a \dot{\beta}}\right]\right) \\ & + \text { ghosts }+ \text { gauge fixing }+ \text { topological term } \end{aligned}`	$\begin{aligned} S=\frac{N}{\lambda}\int\frac{\mathrm{d}^4x}{(2\pi)^4}\operatorname{Tr}&\left(\frac{1}{4}F^{\mu\nu}F_{\mu\nu}+\frac{1}{2}\left(D^\mu\right)^*\varphi_m D_\mu\varphi_m+\bar{\psi}^a_{\dot\alpha}\left(\sigma_\mu\right)^{\dot\alpha\beta}D^\mu\psi_{a\beta}\right. \\ &-\frac{1}{4}\left[\varphi^m,\varphi^n\right]\left[\varphi_m,\varphi_n\right] \\ &\left.-\frac{i}{2}\psi_{a\alpha}\left(\Sigma_m\right)^{ab}\varepsilon^{\alpha\beta}\left[\varphi^m\psi_{a\beta}\right]-\frac{i}{2}\bar{\psi}^a_{\dot\alpha}\left(\Sigma_m\right)^{ab}\varepsilon^{\dot\alpha\dot\beta}\left[\varphi^m\bar{\psi}_{a\dot\beta}\right]\right) \\ &+\text{ghosts}+\text{gauge fixing}+\text{topological term}. \end{aligned}$	$\begin{aligned} S=\frac{N}{\lambda}\int\frac{\mathrm{d}^4x}{(2\pi)^4}\operatorname{Tr}&\left(\frac{1}{4}F^{\mu\nu}F_{\mu\nu}+\frac{1}{2}(D^\mu)^*\varphi_m D_\mu\varphi_m+\bar{\psi}^a_{\dot\alpha}(\sigma_\mu)^{\dot\alpha\beta}D^\mu\psi_{a\beta}\right. \\ &-\frac{1}{4}[\varphi^m,\varphi^n][\varphi_m,\varphi_n] \\ &\left.-\frac{i}{2}\psi_{a\alpha}(\Sigma_m)^{ab}\varepsilon^{\alpha\beta}[\varphi^m\psi_{a\beta}]-\frac{i}{2}\bar{\psi}^a_{\dot\alpha}(\Sigma_m)^{ab}\varepsilon^{\dot\alpha\dot\beta}[\varphi^m\bar{\psi}_{a\dot\beta}]\right) \\ &+\text{ghosts}+\text{gauge fixing}+\text{topological term}. \end{aligned} \tag{1}$
cardona-qft-methods_EQ0972 (12)	363	■0.929	`\left[X_{\Gamma} \backslash \Sigma_{n}\right]=\left[X_{ \Gamma^{\vee}} \backslash \Sigma_{n}\right] .`	$\left[X_\Gamma\backslash\Sigma_n\right]=\left[X_{\Gamma^\vee}\backslash\Sigma_n\right].$	$\left[X_\Gamma\setminus\Sigma_n\right]=\left[X_{\Gamma^\vee}\setminus\Sigma_n\right].$
cardona-qft-methods_EQ0398	181	■0.929	`\begin{aligned} d L_{3}^{\text {Exotic }} & =R_{b}^{a} R_{a}^{b} \pm \frac{2}{l^{2}}\left(T^{a} T_{a}-e^{a} e^{b} R_{a b}\right) \\ & =F_{B}^{A} F_{A}^{B} \end{aligned}`	$\begin{aligned} dL_3^{\text{Exotic}} &= R_b^a R_a^b \pm \frac{2}{l^2}\left(T^aT_a-e^ae^bR_{ab}\right) \\ &= F_B^A F_A^B \end{aligned}$	$\begin{aligned} dL_3^{Exotic} &= R^a_{\ b}R^b_{\ a} \pm \frac{2}{l^2}\left(T^aT_a-e^ae^bR_{ab}\right) \\ &= F^A_{\ B}F^B_{\ A}. \end{aligned}$
cardona-qft-methods_EQ0044	33	■0.933	`i[D, f]=i\left[d+d^{*}, f\right]=i\left(i \sigma_{1}^{d}(d f)-i \sigma_{1}^{d^{*}}(d f)\right)=-i( \epsilon+\iota)(d f) .`	$i[D,f]=i\left[d+d^*,f\right]=i\left(i\sigma_1^d(df)-i\sigma_1^{d^*}(df)\right)=-i(\epsilon+\iota)(df).$	$i[D,f]=i[d+d^*,\ f]=i\big(i\sigma_1^d(df)-i\sigma_1^{d^*}(df)\big)=-i(\epsilon+\iota)(df).$
cardona-qft-methods_EQ0112	73	■0.933	`\operatorname{Ind}(A)=-\operatorname{Ind}\left(A^{*} \right)=\operatorname{dimKer}(A)-\operatorname{dimKer} \left(A^{*}\right) .`	$\operatorname{Ind}(A)=-\operatorname{Ind}\left(A^*\right)=\operatorname{dimKer}(A)-\operatorname{dimKer}\left(A^*\right).$	$\operatorname{Ind}(A)\ =\ -\ \operatorname{Ind}(A^*)\ =\ \operatorname{dim}\operatorname{Ker}(A)\ -\ \operatorname{dim}\operatorname{Ker}(A^*).$

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cardona-qft-methods_EQ0845 (3)	329	■0.933	`\delta S=\int_{\Sigma} \frac{\delta \mathcal{L}}{\delta X} \delta X+\frac{\delta \mathcal{L}}{\delta \eta} \delta \eta+\text { boundary terms }`	$\delta S=\int_{\Sigma} \frac{\delta \mathcal{L}}{\delta X} \delta X+\frac{\delta \mathcal{L}}{\delta \eta} \delta \eta+\text { boundary terms }$	$\delta S=\int_{\Sigma} \frac{\delta \mathcal{L}}{\delta X} \delta X+\frac{\delta \mathcal{L}}{\delta \eta} \delta \eta+\text { boundary terms. }$
cardona-qft-methods_EQ0040	32	■0.936	`\begin{gathered} \epsilon\left(\omega_{1}\right) \omega_{2}=\omega_{1} \wedge \omega_{2}, \\ \iota(\omega) \left(\omega_{1} \wedge \cdots \wedge \omega_{m}\right)= \sum_{j=1}^{m}(-1)^{j-1} g\left(\omega, \omega_{j}\right) \omega_{1} \wedge \cdots \wedge \widehat{\omega_{j}} \wedge \cdots \wedge \omega_{m} \end{gathered}`	$\begin{gathered} \epsilon\left(\omega_{1}\right) \omega_{2}=\omega_{1} \wedge \omega_{2}, \\ \iota(\omega) \left(\omega_{1} \wedge \cdots \wedge \omega_{m}\right)= \sum_{j=1}^{m}(-1)^{j-1} g\left(\omega, \omega_{j}\right) \omega_{1} \wedge \cdots \wedge \widehat{\omega_{j}} \wedge \cdots \wedge \omega_{m} \end{gathered}$	$\begin{gathered} \epsilon\left(\omega_{1}\right) \omega_{2}=\omega_{1} \wedge \omega_{2}, \\ \iota(\omega) \left(\omega_{1} \wedge \cdots \wedge \omega_{m}\right)= \sum_{j=1}^{m}(-1)^{j-1} g\left(\omega, \omega_{j}\right) \omega_{1} \wedge \cdots \wedge \widehat{\omega_{j}} \wedge \cdots \wedge \omega_{m} \end{gathered}$
cardona-qft-methods_EQ0745	283	■0.941	`\langle\mathcal{O}(x), \overline{\mathcal{O}}(y)\rangle= \frac{1}{(x-y)^{2 \Delta}} \sim \frac{1}{(x-y)^{2 \Delta_{0}}}\left(1-g_{\mathrm{YM}}^{2} \gamma_{1} \log \left[(x-y)^{2} \Lambda^{2}\right]\right),`	$\langle\mathcal{O}(x), \overline{\mathcal{O}}(y)\rangle= \frac{1}{(x-y)^{2 \Delta}} \sim \frac{1}{(x-y)^{2 \Delta_{0}}}\left(1-g_{\mathrm{YM}}^{2} \gamma_{1} \log \left[(x-y)^{2} \Lambda^{2}\right]\right),$	$\langle\mathcal{O}(x), \overline{\mathcal{O}}(y)\rangle= \frac{1}{(x-y)^{2 \Delta}} \sim \frac{1}{(x-y)^{2 \Delta_{0}}}\left(1-g_{\mathrm{YM}}^{2} \gamma_{1} \log \left[(x-y)^{2} \Lambda^{2}\right]\right),$
cardona-qft-methods_EQ0661 (11)	262	■0.943	`\begin{aligned} S^{(2)} & =\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y T\left(H_{I}(x), H_{I}(y)\right) \ \ & =\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y\left( \theta\left(x_{0}-y_{0}\right)\left[H_{I}(x), H_{I}(y) \right]+H_{I}(y) H_{I}(x)\right) \end{aligned}`	$\begin{aligned} S^{(2)} & =\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y T\left(H_{I}(x), H_{I}(y)\right) \ \ & =\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y\left(\theta\left(x_{0}-y_{0}\right)\left[H_{I}(x), H_{I}(y) \right]+H_{I}(y) H_{I}(x)\right) \end{aligned}$	$\begin{aligned} S^{(2)} & =\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y T\left(H_{I}(x), H_{I}(y)\right) \ \ & =\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y\left(\theta\left(x_{0}-y_{0}\right)\left[H_{I}(x), H_{I}(y) \right]+H_{I}(y) H_{I}(x)\right) \end{aligned}$
cardona-qft-methods_EQ0308 (12)	154	■0.944	`d\left(\delta_{\text {gauge }} \mathcal{C}_{2 k-1}=0 \right) .`	$d\left(\delta_{\text {gauge }} \mathcal{C}_{2 k-1}=0\right) .$	$d\left(\delta_{\text {gauge }} \mathcal{C}_{2 k-1}=0\right) .$
cardona-qft-methods_EQ0333 (19)	163	■0.947	`R_{b}^{a}=\bar{R}_{b}^{a}+\bar{D} \kappa_{b}^{a}+ \kappa_{c}^{a} \kappa_{b}^{c},`	$R_{b}^{a}=\bar{R}_{b}^{a}+\bar{D} \kappa_{b}^{a}+ \kappa_{c}^{a} \kappa_{b}^{c},$	$R_{b}^{a}=\bar{R}_{b}^{a}+\bar{D} \kappa_{b}^{a}+ \kappa_{c}^{a} \kappa_{b}^{c},$
cardona-qft-methods_EQ0432	208	■0.947	`\mathcal{B}=\oplus^{4-\text { times }} M_{2}(\mathbb{C}) \oplus M_{6}(\mathbb{C}) .`	$\mathcal{B}=\oplus^{4-\text { times }} M_{2}(\mathbb{C}) \oplus M_{6}(\mathbb{C}) .$	$\mathcal{B}=\oplus^{4-\text { times }} M_{2}(\mathbb{C}) \oplus M_{6}(\mathbb{C}) .$
cardona-qft-methods_EQ0278	135	■0.947	`(\mathbb{T}-1) \mathbb{T}(\mathbb{T}+1)^{2}+ \mathbb{T}(\mathbb{T}+1)^{2}+(\mathbb{T}+1) \mathbb{T}( \mathbb{T}+1)=\mathbb{T}(\mathbb{T}+1)^{3} .`	$(\mathbb{T}-1) \mathbb{T}(\mathbb{T}+1)^{2}+ \mathbb{T}(\mathbb{T}+1)^{2}+(\mathbb{T}+1) \mathbb{T}(\mathbb{T}+1)=\mathbb{T}(\mathbb{T}+1)^{3} .$	$(\mathbb{T}-1) \mathbb{T}(\mathbb{T}+1)^{2}+ \mathbb{T}(\mathbb{T}+1)^{2}+(\mathbb{T}+1) \mathbb{T}(\mathbb{T}+1)=\mathbb{T}(\mathbb{T}+1)^{3} .$
cardona-qft-methods_EQ0132	78	■0.948	`f=\left(f_{1}, \ldots, f_{N}\right): \mathbb{R}^{n} \longrightarrow \mathbb{R}^{N}, \quad f_{j} \in C^{ \infty}\left(\mathbb{R}^{n}\right) .`	$f=\left(f_{1}, \ldots, f_{N}\right): \mathbb{R}^{n} \longrightarrow \mathbb{R}^{N}, \quad f_{j} \in C^{ \infty}\left(\mathbb{R}^{n}\right) .$	$f=\left(f_{1}, \ldots, f_{N}\right): \mathbb{R}^{n} \longrightarrow \mathbb{R}^{N}, \quad f_{j} \in C^{ \infty}\left(\mathbb{R}^{n}\right) .$
cardona-qft-methods_EQ0237 (3)	113	■0.948	`N_{q}(X)=a_{0}+a_{1} q+\cdots+a_{r} q^{r},`	$N_{q}(X)=a_{0}+a_{1} q+\cdots+a_{r} q^{r},$	$N_{q}(X)=a_{0}+a_{1} q+\cdots+a_{r} q^{r} \quad ,$
cardona-qft-methods_EQ0316 (2)	159	■0.949	`\begin{aligned} d s^{2} & =\eta_{a b} d z^{a} d z^{b} \ \ & =\eta_{a b} e_{\mu}^{a}(x) d x^{\mu} e_{\nu}^{b}(x) d x^{\nu} \\ & =g_{\mu \nu}(x) d x^{\mu} d x^{\nu}, \end{aligned}`	$\begin{aligned} d s^{2} & =\eta_{a b} d z^{a} d z^{b} \ \ & =\eta_{a b} e_{\mu}^{a}(x) d x^{\mu} e_{\nu}^{b}(x) d x^{\nu} \\ & =g_{\mu \nu}(x) d x^{\mu} d x^{\nu}, \end{aligned}$	$\begin{aligned} d s^{2} & =\eta_{a b} d z^{a} d z^{b} \ \ & =\eta_{a b} e_{\mu}^{a}(x) d x^{\mu} e_{\nu}^{b}(x) d x^{\nu} \\ & =g_{\mu \nu}(x) d x^{\mu} d x^{\nu}, \end{aligned}$

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cardona-qft-methods_ EQ0363	174	0.949	`\begin{aligned} \delta e^{a} & =-\lambda^{a}{ }_{c} e^{c} \\ \delta R^{a b} & =-\left(\lambda^{a}{ }_{c} R^{c b}+ \lambda^{b}{ }_{c} R^{a c}\right) \\ \delta \epsilon_{a b c} & =-\left(\lambda^{d}{ }_{a} \epsilon_{d b c}+ \lambda^{d}{ }_{b} \epsilon_{a d c}+\lambda^{d}{ }_{c} \epsilon_{a b d}\right) \equiv 0 . \end{aligned}`	$\delta e^{a} = -\lambda^{a}{}_{c} e^{c}$ $\delta R^{ab} = -\left(\lambda^{a}{}_{c} R^{cb} + \lambda^{b}{}_{c} R^{ac}\right)$ $\delta \epsilon_{abc} = -\left(\lambda^{d}{}_{a} \epsilon_{dbc} + \lambda^{d}{}_{b} \epsilon_{adc} + \lambda^{d}{}_{c} \epsilon_{abd}\right) \equiv 0.$	$\delta e^{a} = -\lambda^{a}{}_{c} e^{c}$ $\delta R^{ab} = -(\lambda^{a}{}_{c} R^{cb} + \lambda^{b}{}_{c} R^{ac}),$ $\delta \epsilon_{abc} = -(\lambda^{d}{}_{a} \epsilon_{dbc} + \lambda^{d}{}_{b} \epsilon_{adc} + \lambda^{d}{}_{c} \epsilon_{abd}) \equiv 0.$
cardona-qft-methods_ EQ0837 (16)	317	0.950	`F_{\mathrm{IIA} \pm}=F_{0} \pm F_{2}+F_{4} \pm F_{6}, \quad F_{\mathrm{IIB} \pm}=F_{1} \pm F_{3}+F_{5} .`	$F_{\mathrm{IIA}\pm} = F_0 \pm F_2 + F_4 \pm F_6, \quad F_{\mathrm{IIB}\pm} = F_1 \pm F_3 + F_5.$	$F_{\mathrm{IIA}\,\pm} = F_0 \pm F_2 + F_4 \pm F_6\ , \qquad F_{\mathrm{IIB}\,\pm} = F_1 \pm F_3 + F_5\ .$
cardona-qft-methods_ EQ0186	93	0.950	`c(v) c(u)+c(u) c(v)=-2\langle v, u\rangle \mathrm{Id}, \quad \text { for all } u, v \in V .`	$c(v)c(u) + c(u)c(v) = -2\langle v, u\rangle \mathrm{Id}, \quad \text{ for all } u, v \in V.$	$c(v)\,c(u) + c(u)\,c(v) \ = \ -2\langle v, u\rangle\ \mathrm{Id}, \qquad \text{for all } u, v \in V.$
cardona-qft-methods_ EQ0931	353	0.950	`E G_{n} / C(g) \times E G_{n} / C(h) \stackrel{\Delta}{ \longleftarrow} E G_{n} /(C(g) \cap C(h)) \longrightarrow E G_{n} / C(g h)`	$EG_n/C(g) \times EG_n/C(h) \xleftarrow{\Delta} EG_n/(C(g) \cap C(h)) \longrightarrow EG_n/C(gh)$	$EG_n/C(g) \times EG_n/C(h) \xleftarrow{\Delta} EG_n/(C(g) \cap C(h)) \longrightarrow EG_n/C(gh)$
cardona-qft-methods_ EQ0360 (31)	171	0.951	`C_{7}^{L o r}=\operatorname{Tr}\left[\omega(d \omega)^{3}+\frac{8}{5} \omega^{3}(d \omega)^{2}+ \frac{4}{5} \omega^{2}(d \omega) \omega(d \omega)+2 \omega^{5}(d \omega)+\frac{4}{7} \omega^{7}\right]`	$C_7^{Lor} = \mathrm{Tr}\left[\omega(d\omega)^3 + \frac{8}{5}\omega^3(d\omega)^2 + \frac{4}{5}\omega^2(d\omega)\omega(d\omega) + 2\omega^5(d\omega) + \frac{4}{7}\omega^7\right]$	$C_7^{Lor} = Tr[\omega(d\omega)^3 + \frac{8}{5}\omega^3(d\omega)^2 + \frac{4}{5}\omega^2(d\omega)\omega(d\omega) + 2\omega^5(d\omega) + \frac{4}{7}\omega^7],$
cardona-qft-methods_ EQ0315 (1)	159	0.953	`d z^{a}=e_{\mu}^{a}(x) d x^{\mu},`	$dz^a = e^a_\mu(x) dx^\mu,$	$dz^a = e^a_\mu(x) dx^\mu,$
cardona-qft-methods_ EQ0765 (6)	293	0.953	`\begin{aligned} X^{M}(\tau, \sigma) & =X_{R}^{M}\left(\sigma^{-}\right)+X_{L}^{M}\left(\sigma^{+}\right) \\ X_{R}^{M}\left(\sigma^{-}\right) & =\frac{1}{2} x^{M}+ \alpha^{\prime} p^{M} \sigma^{-}+\mathrm{i}\left(\frac{ \alpha^{\prime}}{2}\right)^{1 / 2} \sum_{n \neq 0} \frac{1}{n} \alpha_{n}^{M} e^{-2 \mathrm{i} n \sigma^{-}} \\ X_{L}^{M}\left(\sigma^{+}\right) & =\frac{1}{2} x^{M}+ \alpha^{\prime} p^{M} \sigma^{+}+\mathrm{i}\left(\frac{ \alpha^{\prime}}{2}\right)^{1 / 2} \sum_{n \neq 0} \frac{1}{n} \tilde{\alpha}_{n}^{M} e^{-2 \mathrm{i} n \sigma^{+}}, \end{aligned}`	$X^M(\tau,\sigma) = X_R^M(\sigma^-) + X_L^M(\sigma^+)$ $X_R^M(\sigma^-) = \frac{1}{2}x^M + \alpha' p^M \sigma^- + \mathrm{i}\left(\frac{\alpha'}{2}\right)^{1/2} \sum_{n\neq 0} \frac{1}{n}\alpha_n^M e^{-2\mathrm{i}n\sigma^-}$ $X_L^M(\sigma^+) = \frac{1}{2}x^M + \alpha' p^M \sigma^+ + \mathrm{i}\left(\frac{\alpha'}{2}\right)^{1/2} \sum_{n\neq 0} \frac{1}{n}\tilde{\alpha}_n^M e^{-2\mathrm{i}n\sigma^+},$	$X^M(\tau,\sigma) = X_R^M(\sigma^-) + X_L^M(\sigma^+)$ $X_R^M(\sigma^-) = \frac{1}{2}x^M + \alpha' p^M \sigma^- + \mathrm{i}\left(\frac{\alpha'}{2}\right)^{1/2} \sum_{n\neq 0} \frac{1}{n}\alpha_n^M e^{-2\mathrm{i}n\sigma^-}$ $X_L^M(\sigma^+) = \frac{1}{2}x^M + \alpha' p^M \sigma^+ + \mathrm{i}\left(\frac{\alpha'}{2}\right)^{1/2} \sum_{n\neq 0} \frac{1}{n}\tilde{\alpha}_n^M e^{-2\mathrm{i}n\sigma^+}\ ,$
cardona-qft-methods_ EQ0736 (6)	280	0.954	`\begin{aligned} {\left[M_{\mu \nu}, K_{\rho}\right] } & =i\left(\eta_{\rho \nu} K_{\mu}-\eta_{\mu \rho} K_{ \nu}\right), \\ {\left[P_{\mu}, K_{\nu}\right] } & =2 i \left(\eta_{\mu \nu} \mathcal{D}-M_{\mu \nu}\right) . \end{aligned}`	$[M_{\mu\nu}, K_\rho] = i\left(\eta_{\rho\nu}K_\mu - \eta_{\mu\rho}K_\nu\right),$ $[P_\mu, K_\nu] = 2i\left(\eta_{\mu\nu}\mathcal{D} - M_{\mu\nu}\right).$	$[M_{\mu\nu}, K_\rho] = i(\eta_{\rho\nu}K_\mu - \eta_{\mu\rho}K_\nu),$ $[P_\mu, K_\nu] = 2i(\eta_{\mu\nu}\mathcal{D} - M_{\mu\nu}).$
cardona-qft-methods_ EQ0323 (9)	161	0.954	`\varphi_{\\|}^{\mu}(x)=\varphi^{\mu}(x)+d x^{\lambda} \left[\partial_{\lambda} \varphi^{\mu}(x)+\Gamma_{\lambda \rho}^{\mu}(x) \varphi^{\rho}(x)\right] .`	$\varphi_{\|}^{\mu}(x) = \varphi^\mu(x) + dx^\lambda\left[\partial_\lambda\varphi^\mu(x) + \Gamma^\mu_{\lambda\rho}(x)\varphi^\rho(x)\right].$	$\varphi_{\|}^{\mu}(x) = \varphi^\mu(x) + dx^\lambda[\partial_\lambda\varphi^\mu(x) + \Gamma^\mu_{\lambda\rho}(x)\varphi^\rho(x)].$
cardona-qft-methods_ EQ0147	83	0.957	`\mathcal{D}:=-i \frac{d}{d t}+\sin t: C^{\infty}(M) \rightarrow C^{\infty}(M) .`	$\mathcal{D} := -i\frac{d}{dt} + \sin t : C^\infty(M) \to C^\infty(M).$	$\mathcal{D} \ := \ -i\,\frac{d}{dt} + \sin t :\ C^\infty(M) \ \to \ C^\infty(M).$

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cardona-qft-methods_ EQ0065	40	0.957	`\begin{aligned} \omega_{\nu} & =\frac{1}{2} g_{\nu \mu} \left(\mathbb{A}^{\mu}+g^{\sigma \varepsilon} \Gamma_{ \sigma \varepsilon}^{\mu} \mathrm{id}_{V}\right) \\ E & = \mathbb{B}-g^{\nu \mu}\left(\partial_{\nu} \omega_{\mu}+ \omega_{\nu} \omega_{\mu}-\omega_{\sigma} \Gamma_{\nu \mu}^{\sigma}\right) . \end{aligned}`	$\omega_\nu = \frac{1}{2} g_{\nu\mu} \left(\mathbb{A}^\mu + g^{\sigma\varepsilon} \Gamma^\mu_{\sigma\varepsilon} \mathrm{id}_V\right)$ $E = \mathbb{B} - g^{\nu\mu} \left(\partial_\nu \omega_\mu + \omega_\nu \omega_\mu - \omega_\sigma \Gamma^\sigma_{\nu\mu}\right) .$	$\omega_\nu = \frac{1}{2} g_{\nu\mu} (\mathbb{A}^\mu + g^{\sigma\varepsilon} \Gamma^\mu_{\sigma\varepsilon}\ \mathrm{id}_V)\,,$ $E = \mathbb{B} - g^{\nu\mu} (\partial_\nu \omega_\mu + \omega_\nu \omega_\mu - \omega_\sigma \Gamma^\sigma_{\nu\mu})\,.$
cardona-qft-methods_ EQ0618 (26)	256	0.957	`\left(f_{1} f_{2}\right)(p)=f_{1}(p) f_{2}(p) .`	$\left(f_1 f_2\right)(p) = f_1(p) f_2(p).$	$(f_1 f_2)(p) = f_1(p) f_2(p).$
cardona-qft-methods_ EQ0751	284	0.957	`\left.\frac{30 \mid 32}{10|0 \oplus 10| 0}=10 \right \rvert\, 32,`	$\left.\frac{30 \mid 32}{10\|0 \oplus 10\|0}=10 \right\rvert\, 32,$	$\frac{30\|32}{10\|0 \oplus 10\|0} = 10\|32\,,$
cardona-qft-methods_ EQ0816 (16)	309	0.958	`J_{m n}=\mp 2 \mathrm{i} \eta_{ \pm}^{\dagger} \gamma_{m n} \eta_{ \pm} \quad \Omega_{m n p}=-2 \mathrm{i} \eta_{-}^{\dagger} \gamma_{m n p} \eta_{+} .`	$J_{mn} = \mp 2\mathrm{i} \eta_\pm^\dagger \gamma_{mn} \eta_\pm \quad \Omega_{mnp} = -2\mathrm{i} \eta_-^\dagger \gamma_{mnp} \eta_+ .$	$J_{mn} = \mp 2\mathrm{i}\, \eta_\pm^\dagger \gamma_{mn} \eta_\pm \qquad \Omega_{mnp} = -2\mathrm{i}\, \eta_-^\dagger \gamma_{mnp} \eta_+\ .$
cardona-qft-methods_ EQ0488	221	0.958	`\begin{aligned} a_{0}(x, P) & =(4 \pi)^{-m / 2} \operatorname{Tr}(\mathrm{id}) \\ a_{2}(x, P) & =(4 \pi)^{-m / 2} \operatorname{Tr}\left(-\frac{R}{6} \mathrm{id}+E\right) \\ a_{4}(x, P) & =(4 \pi)^{-m / 2} \frac{1}{360} \operatorname{Tr}\left(-12 R_{; \mu}{ }^{\mu}+5 R^{2}-2 R_{\mu \nu} R^{\mu \nu}\right. \\ & +2 R_{\mu \nu \rho \sigma} R^{\mu \nu \rho \sigma}-60 R E+180 E^{2}+60 E_{; \mu}{ }^{\mu} \\ & \left.+30 \Omega_{\mu \nu} \Omega^{\mu \nu}\right) . \end{aligned}`	$a_0(x,P) = (4\pi)^{-m/2} \mathrm{Tr}(\mathrm{id})$ $a_2(x,P) = (4\pi)^{-m/2} \mathrm{Tr}\left(-\frac{R}{6}\mathrm{id} + E\right)$ $a_4(x,P) = (4\pi)^{-m/2} \frac{1}{360} \mathrm{Tr}\left(-12 R_{;\mu}{}^\mu + 5R^2 - 2R_{\mu\nu} R^{\mu\nu} + 2R_{\mu\nu\rho\sigma} R^{\mu\nu\rho\sigma} - 60RE + 180E^2 + 60E_{;\mu}{}^\mu + 30\Omega_{\mu\nu}\Omega^{\mu\nu}\right).$	$a_0(x,P) = (4\pi)^{-m/2} \mathrm{Tr}(\mathrm{id})$ $a_2(x,P) = (4\pi)^{-m/2} \mathrm{Tr}\left(-\frac{R}{6}\,\mathrm{id} + E\right)$ $a_4(x,P) = (4\pi)^{-m/2} \frac{1}{360} \mathrm{Tr}(-12 R_{;\mu}{}^\mu + 5R^2 - 2R_{\mu\nu}\, R^{\mu\nu} + 2R_{\mu\nu\rho\sigma}\, R^{\mu\nu\rho\sigma} - 60\, R\, E + 180\, E^2 + 60\, E_{;\mu}{}^\mu + 30\, \Omega_{\mu\nu}\, \Omega^{\mu\nu}).$
cardona-qft-methods_ EQ0500	226	0.959	`\frac{2 f_{2} \Lambda_{u n i f}^{2}}{f_{0}} \leq \mathfrak{c}\left(\Lambda_{u n i f}\right) \leq \frac{6 f_{2} \Lambda_{u n i f}^{2}}{f_{0}}`	$\frac{2 f_2 \Lambda_{unif}^2}{f_0} \leq \mathfrak{c}\left(\Lambda_{unif}\right) \leq \frac{6 f_2 \Lambda_{unif}^2}{f_0}$	$\frac{2 f_2 \Lambda_{unif}^2}{f_0} \leq \mathfrak{c}(\Lambda_{unif}) \leq \frac{6 f_2 \Lambda_{unif}^2}{f_0}$
cardona-qft-methods_ EQ0234 (1)	112	0.961	`[\widetilde{X}]-[E]=[X]-[Z]`	$[\widetilde{X}]-[E]=[X]-[Z]$	$[\widetilde{X}]-[E]=[X]-[Z]$
cardona-qft-methods_ EQ0262	123	0.961	`\hat{Y}_{G} \text { mixed-Tate } \Longrightarrow \left[\hat{Y}_{G}\right] \in \mathbb{Z}[\mathbb{L}] \Longrightarrow N_{q}(G) \text { is a polynomial in } q \text {. }`	$\hat{Y}_G$ mixed-Tate $\Longrightarrow \left[\hat{Y}_G\right] \in \mathbb{Z}[\mathbb{L}] \Longrightarrow N_q(G)$ is a polynomial in q.	$\hat{Y}_G$ mixed-Tate $\Longrightarrow [\hat{Y}_G] \in \mathbb{Z}[\mathbb{L}] \Longrightarrow N_q(G)$ is a polynomial in q.
cardona-qft-methods_ EQ0332	163	0.963	`d e^{a}+\bar{\omega}_{b}^{a} \wedge e^{b} \equiv 0, \quad \text { and } \quad T^{a}=\kappa_{b}^{a} \wedge e^{b} .`	$de^a + \bar{\omega}^a_b \wedge e^b \equiv 0, \quad \text{and} \quad T^a = \kappa^a_b \wedge e^b.$	$de^a + \bar{\omega}^a_b \wedge e^b \equiv 0, \quad \text{and} \quad T^a = \kappa^a_b \wedge e^b.$
cardona-qft-methods_ EQ0142 (6)	81	0.963	`\sigma_{L}(\mathcal{D})\left(x_{0}, \xi\right)=\sum_{|\alpha|=k} a_{\alpha}\left(x_{0}\right) \xi_{1}^{\alpha_{1}} \cdots \xi_{n}^{\alpha_{n}} .`	$\sigma_L(\mathcal{D})\left(x_0, \xi\right) = \sum_{\|\alpha\|=k} a_\alpha\left(x_0\right) \xi_1^{\alpha_1} \cdots \xi_n^{\alpha_n}.$	$\sigma_L(\mathcal{D})(x_0, \xi) = \sum_{\|\alpha\|=k} a_\alpha(x_0)\, \xi_1^{\alpha_1} \cdots \xi_n^{\alpha_n}.$
cardona-qft-methods_ EQ0454	214	0.964	`\left(C^{\infty}(M, \mathcal{E}), L^{2}(M, \mathcal{E} \otimes S), \mathcal{D}_{\mathcal{E}}\right),`	$\left(C^\infty(M, \mathcal{E}), L^2(M, \mathcal{E} \otimes S), \mathcal{D}_{\mathcal{E}}\right),$	$(C^\infty(M, \mathcal{E}), L^2(M, \mathcal{E} \otimes S), \mathcal{D}_{\mathcal{E}}),$

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cardona-qft-methods_EQ0086	50	0.965	`\begin{gathered} \operatorname{Tad}_{ \mathcal{D}+A}(d-k)=-(d-k) f A \mathcal{D}| \mathcal{D}|^{-(d-k)-2}, \quad \forall k \neq d \\ \operatorname{Tad}_{\mathcal{D}+A}(0)=-f A \mathcal{D}^{-1} . \end{gathered}`	$\operatorname{Tad}_{\mathcal{D}+A}(d-k)=-(d-k) f A \mathcal{D}\|\mathcal{D}\|^{-(d-k)-2}, \quad \forall k \neq d$ $\operatorname{Tad}_{\mathcal{D}+A}(0)=-f A \mathcal{D}^{-1}$.	$\operatorname{Tad}_{\mathcal{D}+A}(d-k)=-(d-k)\fint A\mathcal{D}\|\mathcal{D}\|^{-(d-k)-2}, \quad \forall k \neq d,$ $\operatorname{Tad}_{\mathcal{D}+A}(0)=-\fint A\mathcal{D}^{-1}.$
cardona-qft-methods_EQ0106 (1)	72	0.965	`\operatorname{Ind}(A):=\operatorname{dimKer}(A)-\operatorname{dim} \operatorname{Coker}(A) \in \mathbb{Z},`	$\operatorname{Ind}(A):=\operatorname{dimKer}(A)-\operatorname{dim} \operatorname{Coker}(A) \in \mathbb{Z},$	$\operatorname{Ind}(A) \ := \ \operatorname{dim} \operatorname{Ker}(A) \ - \ \operatorname{dim} \operatorname{Coker}(A) \ \in \ \mathbb{Z},$
cardona-qft-methods_EQ0272	131	0.966	`C_{G_{1} \amalg G_{2}}(T)=\chi\left(Y_{G_{1}}\right) \chi \left(Y_{G_{2}}\right) T^{2}+\text { h.o.t : }`	$C_{G_1 \amalg G_2}(T)=\chi\left(Y_{G_1}\right) \chi\left(Y_{G_2}\right) T^2+\text { h.o.t : }$	$C_{G_1 \amalg G_2}(T)=\chi(Y_{G_1})\chi(Y_{G_2})\, T^2+\text{h.o.t} \quad :$
cardona-qft-methods_EQ0055	38	0.970	`\sigma_{d}^{\not D_{g^{\prime}}}(x, \xi)=e^{-h(x) / 2} U_{g^{\prime}, g}^{-1}(x) \sigma_{d}^{\not D_{g}}(x, \xi) U_{g^{\prime}, g}(x) e^{-h(x) / 2}, \quad \xi \in T_{x}^{*} M .`	$\sigma_d^{\not{D}_{g'}}(x, \xi)=e^{-h(x)/2} U_{g', g}^{-1}(x) \sigma_d^{\not{D}_g}(x, \xi) U_{g', g}(x) e^{-h(x)/2}, \quad \xi \in T_x^* M.$	$\sigma_d^{\not{D}_{g'}}(x, \xi)=e^{-h(x)/2}\, U_{g', g}^{-1}(x)\, \sigma_d^{\not{D}_g}(x, \xi)\, U_{g', g}(x)\, e^{-h(x)/2}, \quad \xi \in T_x^* M.$
cardona-qft-methods_EQ0321 (7)	161	0.971	`\begin{aligned} d x^{\mu}\left[\partial_{\mu} \phi^{a}(x)+\omega_{b \mu}^{a}(x) \phi^{b}(x)\right] & =d x^{\mu} D_{\mu} \phi^{a}(x) \\ & =D \phi^{a}(x) . \end{aligned}`	$\begin{aligned} dx^\mu\left[\partial_\mu \phi^a(x)+\omega_{b \mu}^a(x) \phi^b(x)\right] & =dx^\mu D_\mu \phi^a(x) \\ & =D \phi^a(x). \end{aligned}$	$\begin{aligned} dx^\mu[\partial_\mu \phi^a(x)+\omega_{b\mu}^a(x) \phi^b(x)] & =dx^\mu D_\mu \phi^a(x) \\ & =D \phi^a(x). \end{aligned}$
cardona-qft-methods_EQ0969 (9)	363	0.971	`X_{\Gamma}=\left\{t \in \mathbb{P}_{k}^{n-1} \mid t_{1}+t_{2}+\cdots+t_{n}=0\right\}=: \mathcal{L} .`	$X_\Gamma=\left\{t \in \mathbb{P}_k^{n-1} \mid t_1+t_2+\cdots+t_n=0\right\}=: \mathcal{L} .$	$X_\Gamma=\{t \in \mathbb{P}_k^{n-1} \| t_1+t_2+\cdots+t_n=0\}=: \mathcal{L} .$
cardona-qft-methods_EQ0452	213	0.972	`\begin{gathered} \mathcal{A}=\mathcal{A}_{1} \otimes \mathcal{A}_{2} \quad \mathcal{H}=\mathcal{H}_{1} \otimes \mathcal{H}_{2} \\ D=D_{1} \otimes 1+\gamma_{1} \otimes D_{2} \\ \gamma=\gamma_{1} \otimes \gamma_{2} \quad J=J_{1} \otimes J_{2} \end{gathered}`	$\begin{gathered} \mathcal{A}=\mathcal{A}_1 \otimes \mathcal{A}_2 \quad \mathcal{H}=\mathcal{H}_1 \otimes \mathcal{H}_2 \\ D=D_1 \otimes 1+\gamma_1 \otimes D_2 \\ \gamma=\gamma_1 \otimes \gamma_2 \quad J=J_1 \otimes J_2 \end{gathered}$	$\begin{gathered} \mathcal{A}=\mathcal{A}_1 \otimes \mathcal{A}_2 \quad \mathcal{H}=\mathcal{H}_1 \otimes \mathcal{H}_2 \\ D=D_1 \otimes 1+\gamma_1 \otimes D_2 \\ \gamma=\gamma_1 \otimes \gamma_2 \quad J=J_1 \otimes J_2. \end{gathered}$
cardona-qft-methods_EQ0971 (11)	363	0.974	`\Psi_{\Gamma^{\vee}}(t)=t_{2} t_{3} \cdots t_{n}+t_{1} t_{3} \cdots t_{n}+\cdots+t_{1} t_{2} \cdots \hat{t_{i}} \cdots t_{n}+\cdots+t_{1} t_{2} \cdots t_{n-1},`	$\Psi_{\Gamma^\vee}(t)=t_2 t_3 \cdots t_n+t_1 t_3 \cdots t_n+\cdots+t_1 t_2 \cdots \hat{t_i} \cdots t_n+\cdots+t_1 t_2 \cdots t_{n-1},$	$\Psi_{\Gamma^\vee}(t)=t_2 t_3 \cdots t_n+t_1 t_3 \cdots t_n+\cdots+t_1 t_2 \cdots \hat{t_i} \cdots t_n+\cdots+t_1 t_2 \cdots t_{n-1}\,,$
cardona-qft-methods_EQ0591 (25)	251	0.974	`\begin{aligned} \phi \otimes_{S_{\theta}} \chi & \equiv \left(\frac{1+\tau_{0}}{2}\right)(\phi \otimes \chi), \ \ \phi \otimes_{A_{\theta}} \chi & \equiv\left(\frac{1-\tau_{0}}{2}\right)(\phi \otimes \chi), \end{aligned}`	$\begin{aligned} \phi \otimes_{S_\theta} \chi & \equiv \left(\frac{1+\tau_0}{2}\right)(\phi \otimes \chi), \\ \phi \otimes_{A_\theta} \chi & \equiv \left(\frac{1-\tau_0}{2}\right)(\phi \otimes \chi), \end{aligned}$	$\begin{aligned} \phi \otimes_{S_\theta} \chi & \equiv \left(\frac{1+\tau_0}{2}\right)(\phi \otimes \chi), \\ \phi \otimes_{A_\theta} \chi & \equiv \left(\frac{1-\tau_0}{2}\right)(\phi \otimes \chi), \end{aligned}$
cardona-qft-methods_EQ0960 (12)	361	0.974	`\pi_{2}: \pi_{1}^{-1}\left(X_{\Gamma} \backslash \Sigma_{n}\right) \rightarrow X_{\Gamma^{\vee}} \backslash \Sigma_{n} .`	$\pi_2: \pi_1^{-1}\left(X_\Gamma \backslash \Sigma_n\right) \rightarrow X_{\Gamma^\vee} \backslash \Sigma_n .$	$\pi_2: \pi_1^{-1}\left(X_\Gamma \setminus \Sigma_n\right) \rightarrow X_{\Gamma^\vee} \setminus \Sigma_n .$
cardona-qft-methods_EQ0302 (6)	151	0.975	`\delta I=\int_{M} \delta \mathcal{C} \wedge \star j= \int_{M}(d \Omega) \wedge \star j=\int_{M} d(\Omega \wedge \star j)-\int_{M} \Omega \wedge d \star j,`	$\delta I=\int_M \delta \mathcal{C} \wedge \star j=\int_M(d \Omega) \wedge \star j=\int_M d(\Omega \wedge \star j)-\int_M \Omega \wedge d \star j,$	$\delta I=\int_M \delta \mathcal{C} \wedge \star j=\int_M(d \Omega) \wedge \star j=\int_M d(\Omega \wedge \star j)-\int_M \Omega \wedge d \star j,$

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cardona-qft-methods_EQ0358 (28)	171	0.976	`\begin{aligned} C_{3}^{\text {Lor }} & =\omega_{b}^{a} d \omega_{a}^{b}+\frac{2}{3} \omega_{b}^{a} \omega_{c}^{b} \omega_{a}^{c} \\ C_{3}^{\text {Tor }} & =e^{a} T_{a} . \end{aligned}`	$C_3^{\text{Lor}} &= \omega_b^a d\omega_a^b + \frac{2}{3}\omega_b^a\omega_c^b\omega_a^c$ $C_3^{\text{Tor}} &= e^a T_a.$	$C_3^{Lor} = \omega_b^a d\omega_a^b + \frac{2}{3}\omega_b^a\omega_c^b\omega_a^c$ $C_3^{Tor} = e^a T_a.$
cardona-qft-methods_EQ0027 (8)	27	0.976	`\operatorname{WRes}\left((1+\Delta)^{-d / 2}\right)= \operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right)= \frac{2 \pi^{\mathrm{d} / 2}}{\Gamma(\mathrm{~d} / 2)} .`	$\operatorname{WRes}\left((1+\Delta)^{-d/2}\right) = \operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) = \frac{2\pi^{\mathrm{d}/2}}{\Gamma(\mathrm{d}/2)}.$	$\operatorname{WRes}\left((1+\Delta)^{-d/2}\right) = \operatorname{Vol}\left(\mathbb{S}^{\mathrm{d}-1}\right) = \frac{2\pi^{\mathrm{d}/2}}{\Gamma(\mathrm{d}/2)}.$
cardona-qft-methods_EQ0336 (22)	164	0.978	`D T^{a}=R_{b}^{a} \wedge e^{b} .`	$DT^a = R_b^a \wedge e^b.$	$DT^a = R_b^a \wedge e^b.$
cardona-qft-methods_EQ0925	352	0.978	`\left(P_{G} M \times_{G} E G_{n}\right)^{-e_{0}^{*} T M_{n}} .`	$\left(P_G M \times_G E G_n\right)^{-e_0^* T M_n}.$	$\left(P_G M \times_G E G_n\right)^{-e_0^* T M_n}.$
cardona-qft-methods_EQ0303 (7)	152	0.979	`\begin{aligned} \mathbf{A} & =\mathbf{A}_{\mu} d x^{\mu} \\ & =A_{\mu}^{a} \mathbf{K}_{a} d x^{\mu} \end{aligned}`	$\mathbf{A} &= \mathbf{A}_\mu dx^\mu$ $&= A_\mu^a \mathbf{K}_a dx^\mu,$	$\mathbf{A} &= \mathbf{A}_\mu dx^\mu$ $&= A_\mu^a \mathbf{K}_a dx^\mu,$
cardona-qft-methods_EQ0489	221	0.980	`\int \frac{1}{2}\left|D_{\mu} \mathbf{H}\right|^{2} \sqrt{g} d^{4} x ;`	$\int \frac{1}{2}\left\|D_\mu \mathbf{H}\right\|^2 \sqrt{g}\, d^4 x;$	$\int \frac{1}{2}\left\|D_\mu \mathbf{H}\right\|^2 \sqrt{g}\, d^4 x;$
cardona-qft-methods_EQ0268	127	0.981	`\Psi_{G_{1}}\left(t_{1}, \ldots, t_{n_{1}}\right) \neq 0 \quad \text { and } \quad \Psi_{G_{2}}\left(u_{1}, \ldots, u_{n_{2}}\right) \neq 0,`	$\Psi_{G_1}(t_1,\ldots,t_{n_1}) \neq 0 \quad \text{and} \quad \Psi_{G_2}(u_1,\ldots,u_{n_2}) \neq 0,$	$\Psi_{G_1}(t_1,\ldots,t_{n_1}) \neq 0 \quad \text{and} \quad \Psi_{G_2}(u_1,\ldots,u_{n_2}) \neq 0 \quad ,$
cardona-qft-methods_EQ0095	56	0.983	`g\left(t \mathcal{D}^{2}\right)=\int_{0}^{\infty} e^{-s t \mathcal{D}^{2}} \phi(s) d s, \operatorname{Tr}\left(g \left(t \mathcal{D}^{2}\right)\right) \underset{t \downarrow 0}{\sim} \sum_{\alpha \in \mathrm{Sp}^{+}} a_{\alpha} t^{\alpha} \int_{0}^{\infty} s^{\alpha} g(s) d s`	$g\left(t\mathcal{D}^2\right) = \int_0^\infty e^{-st\mathcal{D}^2}\phi(s)\,ds, \operatorname{Tr}\left(g\left(t\mathcal{D}^2\right)\right) \underset{t\downarrow 0}{\sim} \sum_{\alpha\in\mathrm{Sp}^+} a_\alpha t^\alpha \int_0^\infty s^\alpha g(s)\,ds$	$g\left(t\mathcal{D}^2\right) = \int_0^\infty e^{-st\mathcal{D}^2}\phi(s)\,ds, \operatorname{Tr}\left(g\left(t\mathcal{D}^2\right)\right) \underset{t\downarrow 0}{\sim} \sum_{\alpha\in\mathrm{Sp}^+} a_\alpha t^\alpha \int_0^\infty s^\alpha g(s)\,ds.$
cardona-qft-methods_EQ0379 (20)	177	0.983	`L_{4}=\epsilon_{a b c d} R^{a b} e^{c} e^{d} .`	$L_4 = \epsilon_{abcd} R^{ab} e^c e^d.$	$L_4 = \epsilon_{abcd} R^{ab} e^c e^d.$
cardona-qft-methods_EQ0490	221	0.983	`\frac{1}{4} G_{\mu \nu}^{i} \bar{G}^{\mu \nu i}+ \frac{1}{4} F_{\mu \nu}^{\alpha} \bar{F}^{\mu \nu \alpha}+\frac{1}{4} B_{\mu \nu} \bar{B}^{\mu \nu} .`	$\frac{1}{4}G_{\mu\nu}^i \bar{G}^{\mu\nu i} + \frac{1}{4}F_{\mu\nu}^\alpha \bar{F}^{\mu\nu\alpha} + \frac{1}{4}B_{\mu\nu}\bar{B}^{\mu\nu}.$	$\frac{1}{4}G_{\mu\nu}^i \overline{G}^{\mu\nu i} + \frac{1}{4}F_{\mu\nu}^\alpha \overline{F}^{\mu\nu\alpha} + \frac{1}{4}B_{\mu\nu}\overline{B}^{\mu\nu}.$
cardona-qft-methods_EQ0698	271	0.983	`\hat{H}=\sum_{l=1}^{L} \mathcal{H}_{l, l+1} .`	$\hat{H} = \sum_{l=1}^{L} \mathcal{H}_{l,l+1}.$	$\hat{H} = \sum_{l=1}^{L} \mathcal{H}_{l,l+1}.$
cardona-qft-methods_EQ0368 (7)	175	0.984	`\begin{aligned} \delta \omega^{a b} & =d \lambda^{a b}+ \omega_{c}^{a} \lambda^{c b}+\omega_{c}^{b} \lambda^{a c} \pm\left[e^{a} \lambda^{b}-\lambda^{a} e^{b}\right] l^{-2} \\ \delta e^{a} & =d \lambda^{a}+\omega_{b}^{a} \lambda^{b}-\lambda_{b}^{a} e^{b} . \end{aligned}`	$\delta\omega^{ab} &= d\lambda^{ab} + \omega_c^a \lambda^{cb} + \omega_c^b \lambda^{ac} \pm \left[e^a\lambda^b - \lambda^a e^b\right] l^{-2}$ $\delta e^a &= d\lambda^a + \omega_b^a \lambda^b - \lambda_b^a e^b.$	$\delta\omega^{ab} &= d\lambda^{ab} + \omega_c^a \lambda^{cb} + \omega_c^b \lambda^{ac} \pm \left[e^a\lambda^b - \lambda^a e^b\right] l^{-2}$ $\delta e^a &= d\lambda^a + \omega_b^a \lambda^b - \lambda_b^a e^b.$
cardona-qft-methods_EQ0730	277	0.984	`\left(\frac{u_{k}+\frac{i}{2}}{u_{k}-\frac{i}{2}} \right)^{L}=\prod_{\substack{j=1 \\ j \neq k}}^{M} \frac{u_{k}-u_{j}+i}{u_{k}-u_{j}-i} .`	$\left(\frac{u_k+\frac{i}{2}}{u_k-\frac{i}{2}}\right)^L = \prod_{\substack{j=1 \\ j\neq k}}^{M} \frac{u_k-u_j+i}{u_k-u_j-i}.$	$\left(\frac{u_k+\frac{i}{2}}{u_k-\frac{i}{2}}\right)^L = \prod_{\substack{j=1 \\ j\neq k}}^{M} \frac{u_k-u_j+i}{u_k-u_j-i}.$

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cardona-qft-methods_EQ0781 (22)	298	0.984	`X^{M}(\tau, \sigma)=x^{M}+2 \alpha^{\prime} p^{M} \tau+ \mathrm{i}\left(2 \alpha^{\prime}\right)^{1 / 2} \sum_{n \neq 0} \frac{1}{n} \alpha_{n}^{M} e^{-\mathrm{i} n \tau} \cos (n \sigma) .`	$X^{M}(\tau, \sigma)=x^{M}+2 \alpha^{\prime} p^{M} \tau+\mathrm{i}\left(2 \alpha^{\prime}\right)^{1 / 2} \sum_{n \neq 0} \frac{1}{n} \alpha_{n}^{M} e^{-\mathrm{i} n \tau} \cos (n \sigma) .$	$X^{M}(\tau, \sigma)=x^{M}+2 \alpha^{\prime} p^{M} \tau+\mathrm{i}\left(2 \alpha^{\prime}\right)^{1 / 2} \sum_{n \neq 0} \frac{1}{n} \alpha_{n}^{M} e^{-\mathrm{i} n \tau} \cos (n \sigma) .$
cardona-qft-methods_EQ0434	208	0.985	`\mathcal{E}=\mathbf{2}_{L} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{L} \otimes \mathbf{3}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{3}^{0},`	$\mathcal{E}=\mathbf{2}_{L} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{L} \otimes \mathbf{3}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{3}^{0},$	$\mathcal{E}=\mathbf{2}_{L} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{1}^{0} \oplus \mathbf{2}_{L} \otimes \mathbf{3}^{0} \oplus \mathbf{2}_{R} \otimes \mathbf{3}^{0},$
cardona-qft-methods_EQ0485	221	0.985	`\begin{aligned} & \mathfrak{a}=\operatorname{Tr} \left(Y_{\nu}^{\dagger} Y_{\nu}+Y_{e}^{\dagger} Y_{e}+3 \left(Y_{u}^{\dagger} Y_{u}+Y_{d}^{\dagger} Y_{d} \right)\right) \\ & \mathfrak{b}=\operatorname{Tr}\left(\left(Y_{\nu}^{\dagger} Y_{\nu}\right)^{2}+\left(Y_{e}^{ \dagger} Y_{e}\right)^{2}+3\left(Y_{u}^{\dagger} Y_{u} \right)^{2}+3\left(Y_{d}^{\dagger} Y_{d}\right)^{2} \right) \\ & \mathfrak{c}=\operatorname{Tr}\left(M M^{ \dagger}\right) \\ & \mathfrak{d}=\operatorname{Tr}\left(\left(M M^{\dagger}\right)^{2}\right) \\ & \mathfrak{e}= \operatorname{Tr}\left(M M^{\dagger} Y_{\nu}^{\dagger} Y_{\nu}\right) . \end{aligned}`	$\begin{aligned} & \mathfrak{a}=\operatorname{Tr} \left(Y_{\nu}^{\dagger} Y_{\nu}+Y_{e}^{\dagger} Y_{e}+3 \left(Y_{u}^{\dagger} Y_{u}+Y_{d}^{\dagger} Y_{d} \right)\right) \\ & \mathfrak{b}=\operatorname{Tr}\left(\left(Y_{\nu}^{\dagger} Y_{\nu}\right)^{2}+\left(Y_{e}^{ \dagger} Y_{e}\right)^{2}+3\left(Y_{u}^{\dagger} Y_{u} \right)^{2}+3\left(Y_{d}^{\dagger} Y_{d}\right)^{2} \right) \\ & \mathfrak{c}=\operatorname{Tr}\left(M M^{ \dagger}\right) \\ & \mathfrak{d}=\operatorname{Tr}\left(\left(M M^{\dagger}\right)^{2}\right) \\ & \mathfrak{e}= \operatorname{Tr}\left(M M^{\dagger} Y_{\nu}^{\dagger} Y_{\nu}\right) . \end{aligned}$	$\begin{aligned} & \mathfrak{a}=\operatorname{Tr} \left(Y_{\nu}^{\dagger} Y_{\nu}+Y_{e}^{\dagger} Y_{e}+3 \left(Y_{u}^{\dagger} Y_{u}+Y_{d}^{\dagger} Y_{d} \right)\right) \\ & \mathfrak{b}=\operatorname{Tr}\left(\left(Y_{\nu}^{\dagger} Y_{\nu}\right)^{2}+\left(Y_{e}^{ \dagger} Y_{e}\right)^{2}+3\left(Y_{u}^{\dagger} Y_{u} \right)^{2}+3\left(Y_{d}^{\dagger} Y_{d}\right)^{2} \right) \\ & \mathfrak{c}=\operatorname{Tr}\left(M M^{ \dagger}\right) \\ & \mathfrak{d}=\operatorname{Tr}\left(\left(M M^{\dagger}\right)^{2}\right) \\ & \mathfrak{e}= \operatorname{Tr}\left(M M^{\dagger} Y_{\nu}^{\dagger} Y_{\nu}\right) . \end{aligned}$
cardona-qft-methods_EQ0085 (30)	49	0.985	`\begin{aligned} & f\left|D_{A}\right|^{-d}=f|D|^{-d}, \\ & f\left|D_{A}\right|^{-(d-1)}=f|D|^{-(d-1)}-\left( \frac{d-1}{2}\right) f X|D|^{-d-1}, \\ & f\left|D_{A} \right|^{-(d-2)}=f|D|^{-(d-2)}+\frac{d-2}{2}\left(-f X|D|^{-d}+\frac{d}{4} f X^{2}|D|^{-2-d}\right) . \end{aligned}`	$\begin{aligned} & f\left\|D_{A}\right\|^{-d}=f\|D\|^{-d}, \\ & f\left\|D_{A}\right\|^{-(d-1)}=f\|D\|^{-(d-1)}-\left(\frac{d-1}{2}\right) f X\|D\|^{-d-1}, \\ & f\left\|D_{A} \right\|^{-(d-2)}=f\|D\|^{-(d-2)}+\frac{d-2}{2}\left(-f X\|D\|^{-d}+\frac{d}{4} f X^{2}\|D\|^{-2-d}\right) . \end{aligned}$	$\begin{aligned} & f\left\|D_{A}\right\|^{-d}=f\|D\|^{-d}, \\ & f\left\|D_{A}\right\|^{-(d-1)}=f\|D\|^{-(d-1)}-\left(\frac{d-1}{2}\right) f X\|D\|^{-d-1}, \\ & f\left\|D_{A} \right\|^{-(d-2)}=f\|D\|^{-(d-2)}+\frac{d-2}{2}\left(-f X\|D\|^{-d}+\frac{d}{4} f X^{2}\|D\|^{-2-d}\right) . \end{aligned}$
cardona-qft-methods_EQ0250 (1)	118	0.986	`S_{\mathrm{eff}}(\phi)=\sum_{G}\langle G\rangle`	$S_{\mathrm{eff}}(\phi)=\sum_{G}\langle G\rangle$	$S_{\mathrm{eff}}(\phi)=\sum_{G}\langle G\rangle$
cardona-qft-methods_EQ0102	61	0.986	`U_{k} U_{q}=e^{-\frac{i}{2} k \cdot \Theta q} U_{k+q}, \text { and } U_{k} U_{q}=e^{-i k \cdot \Theta q} U_{q} U_{k}`	$U_{k} U_{q}=e^{-\frac{i}{2} k \cdot \Theta q} U_{k+q}, \text { and } U_{k} U_{q}=e^{-i k \cdot \Theta q} U_{q} U_{k}$	$U_{k} U_{q}=e^{-\frac{i}{2} k \cdot \Theta q} U_{k+q}, \text { and } U_{k} U_{q}=e^{-i k \cdot \Theta q} U_{q} U_{k}$
cardona-qft-methods_EQ0445	211	0.986	`S_{3}=\left(\begin{array}{cccc} 0 & 0 & Y_{(\uparrow 3)}^{*} & 0 \\ 0 & 0 & 0 & Y_{(\downarrow 3)}^{*} \\ Y_{(\uparrow 3)} & 0 & 0 & 0 \\ 0 & Y_{(\downarrow 3)} & 0 & 0 \end{array}\right)`	$S_{3}=\left(\begin{array}{cccc} 0 & 0 & Y_{(\uparrow 3)}^{*} & 0 \\ 0 & 0 & 0 & Y_{(\downarrow 3)}^{*} \\ Y_{(\uparrow 3)} & 0 & 0 & 0 \\ 0 & Y_{(\downarrow 3)} & 0 & 0 \end{array}\right)$	$S_{3}=\left(\begin{array}{cccc} 0 & 0 & Y_{(\uparrow 3)}^{*} & 0 \\ 0 & 0 & 0 & Y_{(\downarrow 3)}^{*} \\ Y_{(\uparrow 3)} & 0 & 0 & 0 \\ 0 & Y_{(\downarrow 3)} & 0 & 0 \end{array}\right)$

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cardona-qft-methods_ EQ0441	210	■0.987	`\begin{array}{ccccc} & \uparrow \otimes \mathbf{1}^{0} \downarrow \otimes \mathbf{1}^{0} \uparrow \otimes \mathbf{3}^{0} \downarrow \otimes \mathbf{3}^{0} \\ \mathbf{2}_{L} & -1 & -1 & \frac{1}{3} & \frac{1}{3} \\ \mathbf{2}_{R} & 0 & -2 & \frac{4}{3} & -\frac{2}{3} \end{array}`	$\begin{array}{ccccc} & \uparrow \otimes \mathbf{1}^{0} \downarrow \otimes \mathbf{1}^{0} \uparrow \otimes \mathbf{3}^{0} \downarrow \otimes \mathbf{3}^{0} \\ \mathbf{2}_{L} & -1 & -1 & \frac{1}{3} & \frac{1}{3} \\ \mathbf{2}_{R} & 0 & -2 & \frac{4}{3} & -\frac{2}{3} \end{array}$	$\begin{array}{ccccc} & \uparrow \otimes \mathbf{1}^{0} \downarrow \otimes \mathbf{1}^{0} \uparrow \otimes \mathbf{3}^{0} \downarrow \otimes \mathbf{3}^{0} \\ \mathbf{2}_{L} & -1 & -1 & \frac{1}{3} & \frac{1}{3} \\ \mathbf{2}_{R} & 0 & -2 & \frac{4}{3} & -\frac{2}{3} \end{array}$
cardona-qft-methods_ EQ0078 (26)	46	■0.987	`\mathcal{D}_{\widetilde{A}}=\mathcal{D}+\widetilde{A}, \quad \widetilde{A}=A+\epsilon J A J^{-1}, \quad A=A^{*}.`	$\mathcal{D}_{\widetilde{A}}=\mathcal{D}+\widetilde{A}, \quad \widetilde{A}=A+\epsilon J A J^{-1}, \quad A=A^{*}.$	$\mathcal{D}_{\widetilde{A}}=\mathcal{D}+\widetilde{A}, \quad \widetilde{A}=A+\epsilon J A J^{-1}, \quad A=A^{*}.$
cardona-qft-methods_ EQ0164	88	■0.988	`\mathrm{t}-\operatorname{Ind}_{G}: K_{G}(M) \rightarrow K_{G}(\{p t\}) \simeq R(G) .`	$\mathrm{t}-\operatorname{Ind}_{G}: K_{G}(M) \rightarrow K_{G}(\{p t\}) \simeq R(G) .$	$\mathrm{t}-\operatorname{Ind}_{G}: K_{G}(M) \rightarrow K_{G}(\{p t\}) \simeq R(G) .$
cardona-qft-methods_ EQ0956 (8)	361	■0.988	`\Psi_{\Gamma}(t)=\left(\prod_{i=1}^{n} t_{i}\right) \Psi_{\Gamma^{\vee}}\left(\frac{1}{t}\right),`	$\Psi_{\Gamma}(t)=\left(\prod_{i=1}^{n} t_{i}\right) \Psi_{\Gamma^{\vee}}\left(\frac{1}{t}\right),$	$\Psi_{\Gamma}(t)=\left(\prod_{i=1}^{n} t_{i}\right) \Psi_{\Gamma^{\vee}}\left(\frac{1}{t}\right),$
cardona-qft-methods_ EQ0655 (5)	262	■0.988	`\begin{aligned} \langle 0| \rho_{\theta}(x) \eta_{ \theta}(y)|0\rangle & =e^{-\frac{1}{2} \frac{\partial}{ \partial x^{\mu}} \theta^{\mu \nu} \frac{\partial}{ \partial y^{\nu}}}\langle 0| \rho_{0}(x) \eta_{0}(y)|0 \rangle \\ & =e^{-\frac{1}{2} \frac{\partial}{\partial x^{\mu}} \theta^{\mu \nu} \frac{\partial}{\partial y^{\nu}}} F(x-y)=F(x-y) \\ & =\langle 0| \rho_{0}(x) \eta_{0}(y)|0\rangle \end{aligned}`	$\begin{aligned} \langle 0\|\rho_{\theta}(x)\eta_{\theta}(y)\|0\rangle &= e^{-\frac{1}{2}\frac{\partial}{\partial x^{\mu}}\theta^{\mu\nu}\frac{\partial}{\partial y^{\nu}}}\langle 0\|\rho_{0}(x)\eta_{0}(y)\|0\rangle \\ &= e^{-\frac{1}{2}\frac{\partial}{\partial x^{\mu}}\theta^{\mu\nu}\frac{\partial}{\partial y^{\nu}}} F(x-y)=F(x-y) \\ &= \langle 0\|\rho_{0}(x)\eta_{0}(y)\|0\rangle \end{aligned}$	$\begin{aligned} \langle 0\|\rho_{\theta}(x)\eta_{\theta}(y)\|0\rangle &= e^{-\frac{1}{2}\frac{\partial}{\partial x^{\mu}}\theta^{\mu\nu}\frac{\partial}{\partial y^{\nu}}}\langle 0\|\rho_{0}(x)\eta_{0}(y)\|0\rangle \\ &= e^{-\frac{1}{2}\frac{\partial}{\partial x^{\mu}}\theta^{\mu\nu}\frac{\partial}{\partial y^{\nu}}} F(x-y)=F(x-y) \\ &= \langle 0\|\rho_{0}(x)\eta_{0}(y)\|0\rangle \end{aligned}$
cardona-qft-methods_ EQ0375 (16)	176	■0.989	`\Upsilon_{0}^{A B}=\left[\begin{array}{cc} : \eta^{a b} & 0 \\ 0 & 0 \end{array}\right],`	$\Upsilon_{0}^{A B}=\left[\begin{array}{cc} : \eta^{a b} & 0 \\ 0 & 0 \end{array}\right],$	$\Upsilon_{0}^{A B}=\left[\begin{array}{cc} : \eta^{a b} & 0 \\ 0 & 0 \end{array}\right],$
cardona-qft-methods_ EQ0884	343	■0.989	`P . D: H_{p}(M) \cong\left(H^{p}(M)\right)^{*} \cong H^{n-p}(M) .`	$P . D: H_{p}(M) \cong\left(H^{p}(M)\right)^{*} \cong H^{n-p}(M) .$	$P . D: H_{p}(M) \cong\left(H^{p}(M)\right)^{*} \cong H^{n-p}(M) .$
cardona-qft-methods_ EQ0937	354	■0.989	`H_{*}^{p r o}\left(L B G^{-T B G}\right) \cong H^{*}(L B G) .`	$H_{*}^{p r o}\left(L B G^{-T B G}\right) \cong H^{*}(L B G) .$	$H_{*}^{p r o}\left(L B G^{-T B G}\right) \cong H^{*}(L B G) .$
cardona-qft-methods_ EQ0897	347	■0.989	`\begin{aligned} & H H_{*}(A, M) \cong \operatorname{Tor}_{A \otimes A^{o p}}^{*}(A, M) \\ & H H^{*}(A, M) \cong \operatorname{Ext}_{A \otimes A^{o p}}^{*}(A, M) \end{aligned}`	$\begin{aligned} & H H_{*}(A, M) \cong \operatorname{Tor}_{A \otimes A^{o p}}^{*}(A, M) \\ & H H^{*}(A, M) \cong \operatorname{Ext}_{A \otimes A^{o p}}^{*}(A, M) \end{aligned}$	$\begin{aligned} & H H_{*}(A, M) \cong \operatorname{Tor}_{A \otimes A^{o p}}^{*}(A, M) \\ & H H^{*}(A, M) \cong \operatorname{Ext}_{A \otimes A^{o p}}^{*}(A, M) \end{aligned}$
cardona-qft-methods_ EQ0513 (6)	230	■0.990	`\beta_{j}^{\text {grav }}=\frac{a_{j}}{8 \pi} \frac{ \Lambda^{2}}{M_{P}^{2}(\Lambda)} x_{j},`	$\beta_{j}^{\text {grav }}=\frac{a_{j}}{8 \pi} \frac{ \Lambda^{2}}{M_{P}^{2}(\Lambda)} x_{j},$	$\beta_{j}^{\text {grav }}=\frac{a_{j}}{8 \pi} \frac{ \Lambda^{2}}{M_{P}^{2}(\Lambda)} x_{j},$
cardona-qft-methods_ EQ0002	18	■0.990	`\left|\partial_{x}^{\alpha} \partial_{y}^{\gamma} \partial_{\xi}^{\beta} a(x, y, \xi)\right| \leq C_{K \alpha \beta \gamma}(1+|\xi|)^{\Re(m)-|\beta|}, \quad \forall x, y \in K, \xi \in \mathbb{R}^{d}`	$\left\|\partial_{x}^{\alpha} \partial_{y}^{\gamma} \partial_{\xi}^{\beta} a(x, y, \xi)\right\| \leq C_{K \alpha \beta \gamma}(1+\|\xi\|)^{\Re(m)-\|\beta\|}, \quad \forall x, y \in K, \xi \in \mathbb{R}^{d}$	$\left\|\partial_{x}^{\alpha} \partial_{y}^{\gamma} \partial_{\xi}^{\beta} a(x, y, \xi)\right\| \leq C_{K \alpha \beta \gamma}(1+\|\xi\|)^{\Re(m)-\|\beta\|}, \quad \forall x, y \in K, \xi \in \mathbb{R}^{d}$

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cardona-qft-methods_ EQ0199 (9)	95	0.990	`\mathcal{D}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right) \frac{1}{i} \frac{\partial}{ \partial x_{1}}+\left(\begin{array}{cc} 0 & -i \\ i & 0 \end{array}\right) \frac{1}{i} \frac{\partial}{ \partial x_{2}}+\left(\begin{array}{cc} 1 & 0 \\ 0 & -1 \end{array}\right) \frac{1}{i} \frac{\partial}{\partial x_{3}} .`	$\mathcal{D}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right) \frac{1}{i} \frac{\partial}{ \partial x_{1}}+\left(\begin{array}{cc} 0 & -i \\ i & 0 \end{array}\right) \frac{1}{i} \frac{\partial}{ \partial x_{2}}+\left(\begin{array}{cc} 1 & 0 \\ 0 & -1 \end{array}\right) \frac{1}{i} \frac{\partial}{\partial x_{3}} .$	$\mathcal{D}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right) \frac{1}{i} \frac{\partial}{ \partial x_{1}}+\left(\begin{array}{cc} 0 & -i \\ i & 0 \end{array}\right) \frac{1}{i} \frac{\partial}{ \partial x_{2}}+\left(\begin{array}{cc} 1 & 0 \\ 0 & -1 \end{array}\right) \frac{1}{i} \frac{\partial}{\partial x_{3}} .$
cardona-qft-methods_ EQ0301 (5)	151	0.990	`I=\int \mathcal{C} \wedge \star j,`	$I=\int \mathcal{C} \wedge \star j,$	$I=\int \mathcal{C} \wedge \star j,$
cardona-qft-methods_ EQ0409 (39)	187	0.991	`B_{2 n}=-\kappa n \int_{0}^{1} d t \int_{0}^{t} d s \epsilon \theta e\left(\widetilde{R}+t^{2} \theta^{2}+s^{2} e^{2}\right)^{n-1}`	$B_{2 n}=-\kappa n \int_{0}^{1} d t \int_{0}^{t} d s \epsilon \theta e\left(\widetilde{R}+t^{2} \theta^{2}+s^{2} e^{2}\right)^{n-1}$	$B_{2 n}=-\kappa n \int_{0}^{1} d t \int_{0}^{t} d s \epsilon \theta e\left(\widetilde{R}+t^{2} \theta^{2}+s^{2} e^{2}\right)^{n-1},$
cardona-qft-methods_ EQ0787 (28)	299	0.991	`\begin{array}{rc} \mathrm{R}: & \Psi^{M}(\tau, 0)= \Psi^{M}(\tau, 2 \pi) \\ \mathrm{NS}: & \Psi^{M}(\tau, 0)=-\Psi^{M}(\tau, 2 \pi) \end{array}`	$\begin{array}{rc} \mathrm{R}: & \Psi^{M}(\tau, 0)= \Psi^{M}(\tau, 2 \pi) \\ \mathrm{NS}: & \Psi^{M}(\tau, 0)=-\Psi^{M}(\tau, 2 \pi) \end{array}$	$\begin{array}{rc} \mathrm{R}: & \Psi^{M}(\tau, 0)= \Psi^{M}(\tau, 2 \pi) \\ \mathrm{NS}: & \Psi^{M}(\tau, 0)=-\Psi^{M}(\tau, 2 \pi) \end{array}$
cardona-qft-methods_ EQ0995	374	0.991	`\Delta X^{\alpha}=\sum_{\beta \leq \alpha}\binom{\alpha}{ \beta} X^{\beta} \otimes X^{\alpha-\beta}`	$\Delta X^{\alpha}=\sum_{\beta \leq \alpha}\binom{\alpha}{ \beta} X^{\beta} \otimes X^{\alpha-\beta}$	$\Delta X^{\alpha}=\sum_{\beta \leq \alpha}\binom{\alpha}{ \beta} X^{\beta} \otimes X^{\alpha-\beta},$
cardona-qft-methods_ EQ1003	375	0.991	`\begin{aligned} f_{a b}(x) & =\sum_{\alpha} \frac{x^{ \alpha}}{\alpha!} a b\left(X^{\alpha}\right)=\sum_{ \alpha} \frac{x^{\alpha}}{\alpha!}(a \otimes b)\left(\Delta X^{\alpha}\right) \\ & =\sum_{\alpha} \frac{x^{ \alpha}}{\alpha!}(a \otimes b)\left(\sum_{\beta \leq \alpha}\binom{\alpha}{\beta} X^{\beta} \otimes X^{ \alpha-\beta}\right) \\ & =\sum_{\beta} \sum_{\gamma} \frac{x^{\beta} x^{\gamma}}{\beta!\gamma!} a\left(X^{ \beta}\right) b\left(X^{\gamma}\right)=f_{a}(x) f_{b}(x) . \end{aligned}`	$\begin{aligned} f_{a b}(x) & =\sum_{\alpha} \frac{x^{ \alpha}}{\alpha!} a b\left(X^{\alpha}\right)=\sum_{ \alpha} \frac{x^{\alpha}}{\alpha!}(a \otimes b)\left(\Delta X^{\alpha}\right) \\ & =\sum_{\alpha} \frac{x^{ \alpha}}{\alpha!}(a \otimes b)\left(\sum_{\beta \leq \alpha}\binom{\alpha}{\beta} X^{\beta} \otimes X^{ \alpha-\beta}\right) \\ & =\sum_{\beta} \sum_{\gamma} \frac{x^{\beta} x^{\gamma}}{\beta!\gamma!} a\left(X^{ \beta}\right) b\left(X^{\gamma}\right)=f_{a}(x) f_{b}(x) . \end{aligned}$	$\begin{aligned} f_{ab}(x) & =\sum_{\alpha} \frac{x^{ \alpha}}{\alpha!} ab\left(X^{\alpha}\right)=\sum_{ \alpha} \frac{x^{\alpha}}{\alpha!}(a \otimes b)\left(\Delta X^{\alpha}\right) \\ & =\sum_{\alpha} \frac{x^{ \alpha}}{\alpha!}(a \otimes b)\left(\sum_{\beta \leq \alpha}\binom{\alpha}{\beta} X^{\beta} \otimes X^{ \alpha-\beta}\right) \\ & =\sum_{\beta} \sum_{\gamma} \frac{x^{\beta} x^{\gamma}}{\beta!\gamma!} a(X^{\beta}) b(X^{\gamma})=f_{a}(x) f_{b}(x) . \end{aligned}$
cardona-qft-methods_ EQ0118 (6)	76	0.991	`\left\{\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V \mid m_{V} \in \mathbb{Z}, \text { only finitely many numbers } m_{V} \neq 0\right\} .`	$\left\{\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V \mid m_{V} \in \mathbb{Z}, \text { only finitely many numbers } m_{V} \neq 0\right\} .$	$\left\{\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V \mid m_{V} \in \mathbb{Z}, \text { only finitely many numbers } m_{V} \neq 0\right\} .$
cardona-qft-methods_ EQ0835 (14)	317	0.991	`\begin{aligned} & e^{-2 A+\phi}(\mathrm{d}-H \wedge) \left(e^{2 A-\phi} \Phi_{+}\right)=\mathrm{d} A \wedge \bar{\Phi}_{+}-\frac{\mathrm{i}}{16} e^{\phi+A} * F_{ \mathrm{IIB}-} \\ & e^{-2 A+\phi}(\mathrm{d}-H \wedge) \left(e^{2 A-\phi} \Phi_{-}\right)=0 \end{aligned}`	$\begin{aligned} & e^{-2 A+\phi}(\mathrm{d}-H \wedge) \left(e^{2 A-\phi} \Phi_{+}\right)=\mathrm{d} A \wedge \bar{\Phi}_{+}-\frac{\mathrm{i}}{16} e^{\phi+A} * F_{ \mathrm{IIB}-} \\ & e^{-2 A+\phi}(\mathrm{d}-H \wedge) \left(e^{2 A-\phi} \Phi_{-}\right)=0 \end{aligned}$	$\begin{aligned} & e^{-2 A+\phi}(\mathrm{d}-H \wedge) \left(e^{2 A-\phi} \Phi_{+}\right)=\mathrm{d} A \wedge \bar{\Phi}_{+}-\frac{\mathrm{i}}{16} e^{\phi+A} * F_{ \mathrm{IIB}-} \\ & e^{-2 A+\phi}(\mathrm{d}-H \wedge) \left(e^{2 A-\phi} \Phi_{-}\right)=0 , \end{aligned}$

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cardona-qft-methods_EQ0088	50	0.992	`\operatorname{Tr}\left(P e^{-t \not D^{2}}\right) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_{k} t^{(k-\operatorname{ord}(P)-d) / 2}+\sum_{k=0}^{\infty}\left(-a_{k}^{\prime} \log t+b_{k}\right) t^{k}`	$\operatorname{Tr}\left(P e^{-t \not{D}^{2}}\right) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_{k} t^{(k-\operatorname{ord}(P)-d) / 2}+\sum_{k=0}^{\infty}\left(-a_{k}^{\prime} \log t+b_{k}\right) t^{k}$	$\operatorname{Tr}(P e^{-t \not{D}^{2}}) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_{k} t^{(k-ord(P)-d)/2}+\sum_{k=0}^{\infty}(-a_{k}^{\prime} \log t+b_{k}) t^{k},$
cardona-qft-methods_EQ0502	226	0.992	`\begin{gathered} \zeta=\exp (2 \pi i / 3) \\ U_{P M N S}\left(\Lambda_{u n i f}\right)=\frac{1}{3}\left( \begin{array}{ccc} 1 & \zeta & \zeta^{2} \\ \zeta & 1 & \zeta \\ \zeta^{2} & \zeta & 1 \end{array}\right) \end{gathered}`	$\zeta=\exp(2\pi i/3)$ $U_{PMNS}\left(\Lambda_{unif}\right)=\frac{1}{3}\left(\begin{array}{ccc} 1 & \zeta & \zeta^{2} \\ \zeta & 1 & \zeta \\ \zeta^{2} & \zeta & 1 \end{array}\right)$	$\zeta=\exp(2\pi i/3)$ $U_{PMNS}(\Lambda_{unif})=\frac{1}{3}\left(\begin{array}{ccc} 1 & \zeta & \zeta^{2} \\ \zeta & 1 & \zeta \\ \zeta^{2} & \zeta & 1 \end{array}\right)$
cardona-qft-methods_EQ0141 (5)	81	0.992	`\sigma_{L}(\mathcal{D})\left(x_{0}, \xi\right) e:=\left. \lim _{t \rightarrow \infty} t^{-k} \mathcal{D}\left(e^{i t f(x)} s(x)\right)\right|_{x=x_{0}} .`	$\sigma_{L}(\mathcal{D})\left(x_{0}, \xi\right) e:=\left. \lim _{t \rightarrow \infty} t^{-k} \mathcal{D}\left(e^{i t f(x)} s(x)\right)\right\|_{x=x_{0}} .$	$\sigma_{L}(\mathcal{D})(x_{0}, \xi) e \ := \ \lim_{t \rightarrow \infty} t^{-k} \mathcal{D}\left(e^{i t f(x)} s(x)\right)\|_{x=x_{0}}.$
cardona-qft-methods_EQ0461	216	0.992	`V^{\prime}=-V-\frac{1}{3}\left(\begin{array}{ccc} \Lambda & 0 & 0 \\ 0 & \Lambda & 0 \\ 0 & 0 & \Lambda \end{array} \right)=-V-\frac{1}{3} \Lambda 1_{3} .`	$V^{\prime}=-V-\frac{1}{3}\left(\begin{array}{ccc} \Lambda & 0 & 0 \\ 0 & \Lambda & 0 \\ 0 & 0 & \Lambda \end{array} \right)=-V-\frac{1}{3} \Lambda 1_{3} .$	$V^{\prime}=-V-\frac{1}{3}\left(\begin{array}{ccc} \Lambda & 0 & 0 \\ 0 & \Lambda & 0 \\ 0 & 0 & \Lambda \end{array}\right)=-V-\frac{1}{3} \Lambda 1_{3}.$
cardona-qft-methods_EQ0372 (12)	176	0.993	`\Upsilon^{A B}=\left[\begin{array}{cc} \eta^{a b} & 0 \\ 0 & \mp 1 \end{array}\right],`	$\Upsilon^{A B}=\left[\begin{array}{cc} \eta^{a b} & 0 \\ 0 & \mp 1 \end{array}\right],$	$\Upsilon^{A B}=\left[\begin{array}{cc} \eta^{a b} & 0 \\ 0 & \mp 1 \end{array}\right],$
cardona-qft-methods_EQ0374 (14)	176	0.993	`\begin{aligned} \delta \omega^{a b} & =d \lambda^{a b}+ \omega_{c}^{a} \lambda^{c b}+\omega_{c}^{b} \lambda^{a c}=D_{\omega} \lambda^{a b} \\ \delta e^{a} & =d \lambda^{a}+\omega_{b}^{a} \lambda^{b}-\lambda_{b}^{a} e^{b}=D_{\omega} \lambda^{a} \end{aligned}`	$\delta \omega^{a b} = d \lambda^{a b}+ \omega_{c}^{a} \lambda^{c b}+\omega_{c}^{b} \lambda^{a c}=D_{\omega} \lambda^{a b}$ $\delta e^{a} = d \lambda^{a}+\omega_{b}^{a} \lambda^{b}-\lambda_{b}^{a} e^{b}=D_{\omega} \lambda^{a}$	$\delta \omega^{a b} = d \lambda^{a b}+ \omega_{c}^{a} \lambda^{c b}+\omega_{c}^{b} \lambda^{a c}=D_{\omega} \lambda^{a b}$ $\delta e^{a} = d \lambda^{a}+\omega_{b}^{a} \lambda^{b}-\lambda_{b}^{a} e^{b}=D_{\omega} \lambda^{a}.$
cardona-qft-methods_EQ0605 (14)	253	0.993	`e_{p}(x)=\exp -i p \cdot x, \quad\left|p_{0}\right|= \left(\mathbf{p}^{2}+m^{2}\right)^{\frac{1}{2}}, \quad d \mu(p)=\frac{d^{d} p}{2\left|p_{0}\right|},`	$e_{p}(x)=\exp -i p \cdot x, \quad \left\|p_{0}\right\|= \left(\mathbf{p}^{2}+m^{2}\right)^{\frac{1}{2}}, \quad d \mu(p)=\frac{d^{d} p}{2\left\|p_{0}\right\|},$	$e_{p}(x)=\exp -i p \cdot x, \quad \left\|p_{0}\right\|= (\mathbf{p}^{2}+m^{2})^{\frac{1}{2}}, \quad d \mu(p)=\frac{d^{d} p}{2\left\|p_{0}\right\|},$
cardona-qft-methods_EQ0740 (8)	282	0.993	`\begin{aligned} Q \cdot \varphi \sim \psi & , & \bar{Q} \cdot \varphi \sim \bar{\psi} \\ Q \cdot \psi \sim F+g_{Y M}[\varphi, \varphi] & , & \bar{Q} \cdot \psi \sim \mathcal{D} \varphi \end{aligned}`	$Q \cdot \varphi \sim \psi, \quad \bar{Q} \cdot \varphi \sim \bar{\psi}$ $Q \cdot \psi \sim F+g_{Y M}[\varphi, \varphi], \quad \bar{Q} \cdot \psi \sim \mathcal{D} \varphi$	$Q \cdot \varphi \sim \psi \quad , \quad \bar{Q} \cdot \varphi \sim \bar{\psi}$ $Q \cdot \psi \sim F+g_{Y M}[\varphi, \varphi] \quad , \quad \bar{Q} \cdot \psi \sim \mathcal{D} \varphi$
cardona-qft-methods_EQ0075	45	0.993	`\Psi(\mathcal{A})=\left\{T \mid \forall N \in \mathbb{N} \exists P \in \mathcal{D}(\mathcal{A}), R \in O P^{-N}, p \in \mathbb{N} \text { s.t. } T=P|\mathcal{D}|^{-p}+R \right\} .`	$\Psi(\mathcal{A})=\left\{T \mid \forall N \in \mathbb{N} \exists P \in \mathcal{D}(\mathcal{A}), R \in O P^{-N}, p \in \mathbb{N} \text { s.t. } T=P\|\mathcal{D}\|^{-p}+R \right\} .$	$\Psi(\mathcal{A})=\left\{T \mid \forall N \in \mathbb{N} \exists P \in \mathcal{D}(\mathcal{A}), R \in O P^{-N}, p \in \mathbb{N} \text { s.t. } T=P\|\mathcal{D}\|^{-p}+R \right\} .$
cardona-qft-methods_EQ0927	352	0.993	`H_{*}^{p r o}\left(\mathbb{L}\left(M \times_{G} E G \right)^{-T\left(M \times_{G} E G\right)}\right):=\lim _{ \leftarrow n} H_{*}\left(\left(P_{G} M \times_{G} E G_{n} \right)^{-e_{0}^{*} T\left(M \times_{G} E G_{n}\right)} \right)`	$H_{*}^{p r o}\left(\mathbb{L}\left(M \times_{G} E G\right)^{-T\left(M \times_{G} E G\right)}\right):=\lim _{ \leftarrow n} H_{*}\left(\left(P_{G} M \times_{G} E G_{n} \right)^{-e_{0}^{*} T\left(M \times_{G} E G_{n}\right)} \right)$	$H_{*}^{pro}(\mathbb{L}(M \times_{G} EG)^{-T(M \times_{G} EG)}) := \lim_{\leftarrow n} H_{*}((P_{G} M \times_{G} EG_{n})^{-e_{0}^{*} T(M \times_{G} EG_{n})})$

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cardona-qft-methods_EQ0899	347	0.993	`\begin{gathered} H H_{*}(A, M)=H^{*}\left(A \stackrel{L}{\otimes_{A^{e}}} M\right) \\ H H^{*}(A, M)=H_{*}\left(\mathcal{R} \mathcal{H} o m_{A^{e}}(A, M)\right) \end{gathered}`	$HH_*(A,M)=H^*\left(A \overset{L}{\otimes}_{A^e} M\right)$ $HH^*(A,M)=H_*\left(\mathcal{R}\mathcal{H}om_{A^e}(A,M)\right)$	$HH_*(A,M)=H^*(A \overset{L}{\otimes}_{A^e} M)$ $HH^*(A,M)=H_*(\mathcal{R}\mathcal{H}om_{A^e}(A,M))$
cardona-qft-methods_EQ0138	80	0.994	`\phi_{i}: U_{i} \xrightarrow{\approx} V_{i} \subset \mathbb{R}^{n} \quad(i=1, \ldots, m)`	$\phi_i: U_i \xrightarrow{\approx} V_i \subset \mathbb{R}^n \quad (i=1,\ldots,m)$	$\phi_i: U_i \xrightarrow{\approx} V_i \subset \mathbb{R}^n \quad (i=1,\ldots,m)$
cardona-qft-methods_EQ0292	142	0.994	`\left[B \ell_{B} X\right]_{S B}-[E]_{S B}=[X]_{S B}-[B]_{S B},`	$[B\ell_B X]_{SB}-[E]_{SB}=[X]_{SB}-[B]_{SB},$	$[B\ell_B X]_{SB}-[E]_{SB}=[X]_{SB}-[B]_{SB}$,
cardona-qft-methods_EQ0917	351	0.994	`\operatorname{Tor}_{C^{*}(X)^{e}}\left(C^{*}(X), C^{*}(X) \# G\right) \cong H^{*}\left(P_{G} X\right) .`	$\operatorname{Tor}_{C^*(X)^e}(C^*(X), C^*(X)\#G) \cong H^*(P_G X)$.	$\operatorname{Tor}_{C^*(X)^e}(C^*(X), C^*(X)\#G) \cong H^*(P_G X)$.
cardona-qft-methods_EQ0209	97	0.994	`E^{+}:=\bigoplus_{j \text { even }} \Lambda^{j} \left(T^{*} M \otimes \mathcal{C}\right), \quad E^{-}:= \bigoplus_{j \text { odd }} \Lambda^{j}\left(T^{*} M \otimes \mathcal{C}\right) .`	$E^+ := \bigoplus_{j \text{ even}} \Lambda^j(T^*M\otimes\mathcal{C}), \quad E^- := \bigoplus_{j \text{ odd}} \Lambda^j(T^*M\otimes\mathcal{C}).$	$E^+ := \bigoplus_{j \text{ even}} \Lambda^j(T^*M\otimes\mathcal{C}), \quad E^- := \bigoplus_{j \text{ odd}} \Lambda^j(T^*M\otimes\mathcal{C}).$
cardona-qft-methods_EQ0263	125	0.994	`\langle G\rangle=\prod_{i}\left\langle G_{i}\right\rangle / \text { extra symmetries }`	$\langle G\rangle = \prod_i \langle G_i\rangle$ / extra symmetries	$\langle G\rangle = \prod_i \langle G_i\rangle$/extra symmetries .
cardona-qft-methods_EQ0422 (7)	193	0.994	`\int_{M} \Theta \operatorname{Tr}[F \wedge F]=\int_{ \partial \tilde{M}} j \wedge \operatorname{Tr}[A \wedge d A],`	$\int_M \Theta \operatorname{Tr}[F\wedge F] = \int_{\partial\tilde{M}} j\wedge \operatorname{Tr}[A\wedge dA],$	$\int_M \Theta Tr[F\wedge F] = \int_{\partial\tilde{M}} j\wedge Tr[A\wedge dA],$
cardona-qft-methods_EQ0888	345	0.994	`\circ: H_{p}(L M) \otimes H_{q}(L M) \rightarrow H_{p+q-n}(L M) .`	$\circ: H_p(LM)\otimes H_q(LM)\to H_{p+q-n}(LM).$	$\circ: H_p(LM)\otimes H_q(LM)\to H_{p+q-n}(LM).$
cardona-qft-methods_EQ0364 (3)	174	0.994	`\begin{aligned} \delta e^{a} & =d \lambda^{a}+ \omega_{b}^{a} \lambda^{b} \\ & =D_{\omega} \lambda^{a} \end{aligned}`	$\delta e^a = d\lambda^a + \omega^a_b\lambda^b$ $= D_\omega\lambda^a$	$\delta e^a = d\lambda^a + \omega^a{}_b\lambda^b,$ $= D_\omega\lambda^a$
cardona-qft-methods_EQ0412 (42)	188	0.995	`\mathcal{T}_{2 n+1}(A, \bar{A})=\mathcal{C}_{2 n+1}(A)- \mathcal{C}_{2 n+1}(\bar{A})+d \mathcal{B}_{2 n}(A, \bar{A}) .`	$\mathcal{T}_{2n+1}(A,\bar{A}) = \mathcal{C}_{2n+1}(A) - \mathcal{C}_{2n+1}(\bar{A}) + d\mathcal{B}_{2n}(A,\bar{A}).$	$\mathcal{T}_{2n+1}(A,\bar{A}) = \mathcal{C}_{2n+1}(A) - \mathcal{C}_{2n+1}(\bar{A}) + d\mathcal{B}_{2n}(A,\bar{A}).$
cardona-qft-methods_EQ0942 (2)	358	0.995	`[\emptyset]=0 .`	$[\emptyset]=0.$	$[\emptyset]=0$.
cardona-qft-methods_EQ0349 (17)	168	0.995	`\begin{aligned} & \mathcal{E}_{a}^{(p)}:=\epsilon_{a b_{2} \cdots b_{D}} R^{b_{2} b_{3}} \cdots R^{b_{2 p} b_{2 p+1}} e^{b_{2 p+1}} e^{b_{2 p+2}} \cdots e^{b_{D}}, \\ & \mathcal{E}_{a b}^{(p)}:=\epsilon_{a b a_{3} \cdots a_{D}} R^{a_{3} a_{4}} \cdots R^{a_{2 p-1} a_{2 p}} T^{a_{2 p+1}} e^{a_{2 p+2}} \cdots e^{a_{D}} . \end{aligned}`	$\mathcal{E}_a^{(p)} := \epsilon_{ab_2\cdots b_D} R^{b_2b_3}\cdots R^{b_{2p}b_{2p+1}} e^{b_{2p+1}} e^{b_{2p+2}}\cdots e^{b_D},$ $\mathcal{E}_{ab}^{(p)} := \epsilon_{aba_3\cdots a_D} R^{a_3a_4}\cdots R^{a_{2p-1}a_{2p}} T^{a_{2p+1}} e^{a_{2p+2}}\cdots e^{a_D}.$	$\mathcal{E}_a^{(p)} := \epsilon_{ab_2\cdots b_D} R^{b_2b_3}\cdots R^{b_{2p}b_{2p+1}} e^{b_{2p+2}}\cdots e^{b_D},$ $\mathcal{E}_{ab}^{(p)} := \epsilon_{aba_3\cdots a_D} R^{a_3a_4}\cdots R^{a_{2p-1}a_{2p}} T^{a_{2p+1}} e^{a_{2p+2}}\cdots e^{a_D}.$
cardona-qft-methods_EQ0796 (37)	302	0.995	`N S-N S: \text { type IIA and IIB } \mathbf{8}_{ \mathrm{v}} \otimes \mathbf{8}_{\mathrm{v}}=\mathbf{1} \oplus \mathbf{2 8} \oplus \mathbf{3 5}=\Phi \oplus \mathrm{B}_{2} \oplus \mathrm{G}_{\mathrm{MN}}`	$NS-NS:$ type IIA and IIB $\mathbf{8}_{\mathrm{v}}\otimes\mathbf{8}_{\mathrm{v}} = \mathbf{1}\oplus\mathbf{28}\oplus\mathbf{35} = \Phi\oplus\mathrm{B}_2\oplus\mathrm{G}_{\mathrm{MN}}$	$NS-NS:$ type IIA and IIB $\mathbf{8}_{\mathrm{v}}\otimes\mathbf{8}_{\mathrm{v}} = \mathbf{1}\oplus\mathbf{28}\oplus\mathbf{35} = \Phi\oplus\mathrm{B}_2\oplus\mathrm{G}_{\mathrm{MN}}$
cardona-qft-methods_EQ0471	218	0.995	`\operatorname{Tr}(f(D / \Lambda)) \sim \sum_{k} f_{k} \Lambda^{k} f|D|^{-k}+f(0) \zeta_{D}(0)+o(1),`	$\operatorname{Tr}(f(D/\Lambda)) \sim \sum_k f_k \Lambda^k f\|D\|^{-k} + f(0)\zeta_D(0) + o(1),$	$\operatorname{Tr}(f(D/\Lambda)) \sim \sum_k f_k \Lambda^k \fint \|D\|^{-k} + f(0)\,\zeta_D(0) + o(1),$

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cardona-qft-methods_EQ0574 (9)	249	0.995	`\widehat{x}_{\mu} \star \widehat{x}_{\nu}-\widehat{x}_{\nu} \star \widehat{x}_{\mu}=\left[\widehat{x}_{\mu}, \widehat{x}_{\nu}\right]_{\star}=i \theta_{\mu \nu} \quad \mu, \nu=0,1, \ldots d .`	$\widehat{x}_{\mu} \star \widehat{x}_{\nu}-\widehat{x}_{\nu} \star \widehat{x}_{\mu}=\left[\widehat{x}_{\mu}, \widehat{x}_{\nu}\right]_{\star}=i \theta_{\mu \nu} \quad \mu, \nu=0,1, \ldots d .$	$\widehat{x}_{\mu} \star \widehat{x}_{\nu}-\widehat{x}_{\nu} \star \widehat{x}_{\mu}=\left[\widehat{x}_{\mu}, \widehat{x}_{\nu}\right]_{\star}=i \theta_{\mu \nu} \quad \mu, \nu=0,1, \ldots d .$
cardona-qft-methods_EQ0111	73	0.996	`\operatorname{Ind}(B A)=\operatorname{Ind}(A)+ \operatorname{Ind}(B) .`	$\operatorname{Ind}(B A)=\operatorname{Ind}(A)+\operatorname{Ind}(B) .$	$\operatorname{Ind}(B A)=\operatorname{Ind}(A)+\operatorname{Ind}(B) .$
cardona-qft-methods_EQ0429	206	0.996	`\mathcal{A}=\oplus_{i=1}^{N} M_{n_{i}}\left( \mathbb{K}_{i}\right)`	$\mathcal{A}=\oplus_{i=1}^{N} M_{n_{i}}\left(\mathbb{K}_{i}\right)$	$\mathcal{A}=\oplus_{i=1}^{N} M_{n_{i}}\left(\mathbb{K}_{i}\right)$
cardona-qft-methods_EQ0494	223	0.996	`\begin{gathered} 16 \pi^{2} \beta_{g_{i}}=b_{i} g_{i}^{3} \quad \text { with }\left(b_{S U(3)}, b_{S U(2)}, b_{U(1)}\right)=\left(-7,-\frac{19}{6}, \frac{41}{10} \right) \\ 16 \pi^{2} \beta_{Y_{u}}=Y_{u}\left(\frac{3}{2} Y_{u}^{\dagger} Y_{u}-\frac{3}{2} Y_{d}^{ \dagger} Y_{d}+\mathfrak{a}-\frac{17}{20} g_{1}^{2}-\frac{9}{4} g_{2}^{2}-8 g_{3}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{d}}=Y_{d}\left(\frac{3}{2} Y_{d}^{\dagger} Y_{d}-\frac{3}{2} Y_{u}^{\dagger} Y_{u}+\mathfrak{a}-\frac{1}{4} g_{1}^{2}-\frac{9}{4} g_{2}^{2}-8 g_{3}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{\nu}}=Y_{\nu}\left(\frac{3}{2} Y_{\nu}^{\dagger} Y_{\nu}-\frac{3}{2} Y_{e}^{\dagger} Y_{e}+\mathfrak{a}-\frac{9}{20} g_{1}^{2}-\frac{9}{4} g_{2}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{e}}=Y_{e}\left(\frac{3}{2} Y_{e}^{\dagger} Y_{e}-\frac{3}{2} Y_{\nu}^{\dagger} Y_{\nu}+\mathfrak{a}-\frac{9}{4} g_{1}^{2}-\frac{9}{4} g_{2}^{2}\right) \\ 16 \pi^{2} \beta_{M}=Y_{\nu} Y_{\nu}^{\dagger} M+M\left(Y_{\nu} Y_{\nu}^{\dagger}\right)^{T} \\ 16 \pi^{2} \beta_{\lambda}=6 \lambda^{2}-3 \lambda\left(3 g_{2}^{2}+\frac{3}{5} g_{1}^{2}\right)+3 g_{2}^{4}+\frac{3}{2}\left(\frac{3}{5} g_{1}^{2}+g_{2}^{2}\right)^{2}+4 \lambda \mathfrak{a}-8 \mathfrak{b} \end{gathered}`	$\begin{gathered} 16 \pi^{2} \beta_{g_{i}}=b_{i} g_{i}^{3} \quad \text { with }\left(b_{S U(3)}, b_{S U(2)}, b_{U(1)}\right)=\left(-7,-\frac{19}{6}, \frac{41}{10}\right) \\ 16 \pi^{2} \beta_{Y_{u}}=Y_{u}\left(\frac{3}{2} Y_{u}^{\dagger} Y_{u}-\frac{3}{2} Y_{d}^{\dagger} Y_{d}+\mathfrak{a}-\frac{17}{20} g_{1}^{2}-\frac{9}{4} g_{2}^{2}-8 g_{3}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{d}}=Y_{d}\left(\frac{3}{2} Y_{d}^{\dagger} Y_{d}-\frac{3}{2} Y_{u}^{\dagger} Y_{u}+\mathfrak{a}-\frac{1}{4} g_{1}^{2}-\frac{9}{4} g_{2}^{2}-8 g_{3}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{\nu}}=Y_{\nu}\left(\frac{3}{2} Y_{\nu}^{\dagger} Y_{\nu}-\frac{3}{2} Y_{e}^{\dagger} Y_{e}+\mathfrak{a}-\frac{9}{20} g_{1}^{2}-\frac{9}{4} g_{2}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{e}}=Y_{e}\left(\frac{3}{2} Y_{e}^{\dagger} Y_{e}-\frac{3}{2} Y_{\nu}^{\dagger} Y_{\nu}+\mathfrak{a}-\frac{9}{4} g_{1}^{2}-\frac{9}{4} g_{2}^{2}\right) \\ 16 \pi^{2} \beta_{M}=Y_{\nu} Y_{\nu}^{\dagger} M+M\left(Y_{\nu} Y_{\nu}^{\dagger}\right)^{T} \\ 16 \pi^{2} \beta_{\lambda}=6 \lambda^{2}-3 \lambda\left(3 g_{2}^{2}+\frac{3}{5} g_{1}^{2}\right)+3 g_{2}^{4}+\frac{3}{2}\left(\frac{3}{5} g_{1}^{2}+g_{2}^{2}\right)^{2}+4 \lambda \mathfrak{a}-8 \mathfrak{b} \end{gathered}$	$\begin{gathered} 16 \pi^{2} \beta_{g_{i}}=b_{i} g_{i}^{3} \quad \text { with }\left(b_{S U(3)}, b_{S U(2)}, b_{U(1)}\right)=\left(-7,-\frac{19}{6}, \frac{41}{10}\right) \\ 16 \pi^{2} \beta_{Y_{u}}=Y_{u}\left(\frac{3}{2} Y_{u}^{\dagger} Y_{u}-\frac{3}{2} Y_{d}^{\dagger} Y_{d}+\mathfrak{a}-\frac{17}{20} g_{1}^{2}-\frac{9}{4} g_{2}^{2}-8 g_{3}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{d}}=Y_{d}\left(\frac{3}{2} Y_{d}^{\dagger} Y_{d}-\frac{3}{2} Y_{u}^{\dagger} Y_{u}+\mathfrak{a}-\frac{1}{4} g_{1}^{2}-\frac{9}{4} g_{2}^{2}-8 g_{3}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{\nu}}=Y_{\nu}\left(\frac{3}{2} Y_{\nu}^{\dagger} Y_{\nu}-\frac{3}{2} Y_{e}^{\dagger} Y_{e}+\mathfrak{a}-\frac{9}{20} g_{1}^{2}-\frac{9}{4} g_{2}^{2}\right) \\ 16 \pi^{2} \beta_{Y_{e}}=Y_{e}\left(\frac{3}{2} Y_{e}^{\dagger} Y_{e}-\frac{3}{2} Y_{\nu}^{\dagger} Y_{\nu}+\mathfrak{a}-\frac{9}{4} g_{1}^{2}-\frac{9}{4} g_{2}^{2}\right) \\ 16 \pi^{2} \beta_{M}=Y_{\nu} Y_{\nu}^{\dagger} M+M\left(Y_{\nu} Y_{\nu}^{\dagger}\right)^{T} \\ 16 \pi^{2} \beta_{\lambda}=6 \lambda^{2}-3 \lambda\left(3 g_{2}^{2}+\frac{3}{5} g_{1}^{2}\right)+3 g_{2}^{4}+\frac{3}{2}\left(\frac{3}{5} g_{1}^{2}+g_{2}^{2}\right)^{2}+4 \lambda \mathfrak{a}-8 \mathfrak{b} \end{gathered}$
cardona-qft-methods_EQ0241	115	0.996	`\kappa_{*}: A_{*} X \rightarrow A_{*}\{\mathrm{pt}\}= \mathbb{Z},`	$\kappa_{*}: A_{*} X \rightarrow A_{*}\{\mathrm{pt}\}=\mathbb{Z},$	$\kappa_{*}: A_{*} X \rightarrow A_{*}\{\mathrm{pt}\}=\mathbb{Z} \quad ,$

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cardona-qft-methods_EQ0279	136	0.996	`\begin{aligned} \sum_{m \geq 0} \mathbb{U}\left(G_{m e}\right) \frac{s^{m}}{m!}= & \frac{e^{\mathbb{T} s}-e^{-s}}{\mathbb{T}+1} \mathbb{U}(G)+\frac{e^{ \mathbb{T} s}+\mathbb{T} e^{-s}}{\mathbb{T}+1} \mathbb{U}(G \backslash e) \\ & +\left(s e^{\mathbb{T} s}-\frac{e^{\mathbb{T} s}-e^{-s}}{\mathbb{T}+1}\right) \mathbb{U}(G / e) \end{aligned}`	$\sum_{m\geq 0} \mathbb{U}\left(G_{me}\right) \frac{s^{m}}{m!} = \frac{e^{\mathbb{T}s}-e^{-s}}{\mathbb{T}+1}\mathbb{U}(G)+\frac{e^{\mathbb{T}s}+\mathbb{T}e^{-s}}{\mathbb{T}+1}\mathbb{U}(G\backslash e) + \left(se^{\mathbb{T}s}-\frac{e^{\mathbb{T}s}-e^{-s}}{\mathbb{T}+1}\right)\mathbb{U}(G/e)$	$\sum_{m\geq 0} \mathbb{U}(G_{me}) \frac{s^{m}}{m!} = \frac{e^{\mathbb{T}s}-e^{-s}}{\mathbb{T}+1}\mathbb{U}(G)+\frac{e^{\mathbb{T}s}+\mathbb{T}e^{-s}}{\mathbb{T}+1}\mathbb{U}(G\smallsetminus e) + \left(s\,e^{\mathbb{T}s}-\frac{e^{\mathbb{T}s}-e^{-s}}{\mathbb{T}+1}\right)\mathbb{U}(G/e).$
cardona-qft-methods_EQ0588 (21)	251	0.996	`\tau_{0} \Delta_{\theta}(\Lambda) \neq \Delta_{\theta}( \Lambda) \tau_{0},`	$\tau_0\Delta_\theta(\Lambda) \neq \Delta_\theta(\Lambda)\tau_0,$	$\tau_0\Delta_\theta(\Lambda) \neq \Delta_\theta(\Lambda)\tau_0,$
cardona-qft-methods_EQ0709	273	0.996	`e^{i p_{k} L}=\prod_{j \neq k}^{M} S\left(p_{k}, p_{j} \right) \quad \text { for } \quad k=1, \ldots, M,`	$e^{ip_kL} = \prod_{j\neq k}^{M} S\left(p_k, p_j\right) \quad \text{for} \quad k=1,\ldots,M,$	$e^{ip_kL} = \prod_{j\neq k}^{M} S(p_k,p_j) \quad \text{for} \quad k=1,\ldots,M\,,$
cardona-qft-methods_EQ0803 (3)	306	0.996	`0 \longrightarrow T^{*} M \longrightarrow E \xrightarrow{ \pi} T M \longrightarrow 0 .`	$0 \longrightarrow T^{*} M \longrightarrow E \xrightarrow{\pi} TM \longrightarrow 0.$	$0 \longrightarrow T^{*} M \longrightarrow E \xrightarrow{\pi} TM \longrightarrow 0\,.$
cardona-qft-methods_EQ0202 (10)	96	0.997	`\mathcal{D}=d+d^{*} .`	$\mathcal{D}=d+d^{*}.$	$\mathcal{D} = d + d^{*}.$
cardona-qft-methods_EQ0290	139	0.997	`\begin{aligned} & \sum_{m \geq 0} C_{G_{(m+1) e}}(t) \frac{s^{m}}{m!}=\left(e^{t s}-e^{(t-1) s}\right) C_{G_{2 e}}(t) \\ & \quad-\left((t-1) e^{t s}-t e^{(t-1) s} \right) C_{G}(t)+t\left((s-1) e^{t s}+e^{(t-1) s}\right) C_{G / e}(t) \end{aligned}`	$\sum_{m\geq 0} C_{G_{(m+1)e}}(t)\frac{s^m}{m!} = \left(e^{ts}-e^{(t-1)s}\right)C_{G_{2e}}(t) - \left((t-1)e^{ts}-te^{(t-1)s}\right)C_G(t)+t\left((s-1)e^{ts}+e^{(t-1)s}\right)C_{G/e}(t)$	$\sum_{m\geq 0} C_{G_{(m+1)e}}(t)\frac{s^m}{m!} = \left(e^{ts}-e^{(t-1)s}\right)C_{G_{2e}}(t) - \left((t-1)\,e^{ts}-t\,e^{(t-1)s}\right)C_G(t)+t\left((s-1)\,e^{ts}+e^{(t-1)s}\right)C_{G/e}(t)\,.$
cardona-qft-methods_EQ0439	210	0.997	`\begin{gathered} \mathcal{A}_{F}=\left\{\left(\lambda, q_{L}, \lambda, m\right) \mid \lambda \in \mathbb{C}, q_{L} \in \mathbb{H}, m \in M_{3}(\mathbb{C})\right \} \\ \sim \mathbb{C} \oplus \mathbb{H} \oplus M_{3}( \mathbb{C}), \end{gathered}`	$\mathcal{A}_F = \{(\lambda, q_L, \lambda, m) \mid \lambda\in\mathbb{C}, q_L\in\mathbb{H}, m\in M_3(\mathbb{C})\} \sim \mathbb{C}\oplus\mathbb{H}\oplus M_3(\mathbb{C}),$	$\mathcal{A}_F = \{(\lambda, q_L, \lambda, m) \mid \lambda\in\mathbb{C}\,,\ q_L\in\mathbb{H}\,,\ m\in M_3(\mathbb{C})\} \sim \mathbb{C}\oplus\mathbb{H}\oplus M_3(\mathbb{C}),$
cardona-qft-methods_EQ0958 (10)	361	0.997	`X_{\Gamma^{\vee}}=\pi_{2}\left(\pi_{1}^{-1}\left(X_{ \Gamma}\right)\right),`	$X_{\Gamma^\vee} = \pi_2\left(\pi_1^{-1}\left(X_\Gamma\right)\right),$	$X_{\Gamma^\vee} = \pi_2(\pi_1^{-1}(X_\Gamma)),$
cardona-qft-methods_EQ0804 (4)	306	0.997	`x_{(\alpha)}+\xi_{(\alpha)}=a_{(\alpha \beta)} \cdot x_{( \beta)}+\left[a_{(\alpha \beta)}^{-T} \xi_{(\beta)}- \iota_{a_{(\alpha \beta)} x_{(\beta)}} b_{(\alpha \beta)} \right],`	$x_{(\alpha)}+\xi_{(\alpha)} = a_{(\alpha\beta)}\cdot x_{(\beta)} + \left[a_{(\alpha\beta)}^{-T}\xi_{(\beta)} - \iota_{a_{(\alpha\beta)}x_{(\beta)}} b_{(\alpha\beta)}\right],$	$x_{(\alpha)}+\xi_{(\alpha)} = a_{(\alpha\beta)}\cdot x_{(\beta)} + \left[a_{(\alpha\beta)}^{-T}\xi_{(\beta)} - \iota_{a_{(\alpha\beta)}x_{(\beta)}} b_{(\alpha\beta)}\right]\,,$
cardona-qft-methods_EQ0157	86	0.997	`j: T^{*} M \hookrightarrow \mathbb{R}^{N} \oplus \mathbb{R}^{N} \simeq \mathcal{C}^{N} .`	$j: T^{*} M \hookrightarrow \mathbb{R}^{N} \oplus \mathbb{R}^{N} \simeq \mathcal{C}^{N}.$	$j: T^{*} M \hookrightarrow \mathbb{R}^{N} \oplus \mathbb{R}^{N} \simeq \mathcal{C}^{N}.$
cardona-qft-methods_EQ0286	138	0.997	`C_{G_{2 e}}(T)=(2 T-1) C_{G}(T)-T(T-1) C_{G \backslash e}(T)+C_{G / e}(T) .`	$C_{G_{2e}}(T) = (2T-1)C_G(T) - T(T-1)C_{G\backslash e}(T) + C_{G/e}(T).$	$C_{G_{2e}}(T) = (2T-1)C_G(T) - T(T-1)C_{G\smallsetminus e}(T) + C_{G/e}(T) \quad .$
cardona-qft-methods_EQ0543	243	0.997	`\Delta \circ m(a \otimes b)=\left(m_{13} \otimes m_{24} \right)(\Delta \otimes \Delta)(a \otimes b) .`	$\Delta\circ m(a\otimes b) = (m_{13}\otimes m_{24})\left(\Delta\otimes\Delta\right)(a\otimes b).$	$\Delta\circ m(a\otimes b) = (m_{13}\otimes m_{24})(\Delta\otimes\Delta)(a\otimes b).$
cardona-qft-methods_EQ0811 (11)	308	0.997	`\Phi_{ \pm}=\eta_{+}^{1} \otimes \eta_{ \pm}^{2 \dagger} .`	$\Phi_\pm = \eta_+^1\otimes\eta_\pm^{2\dagger}.$	$\Phi_\pm = \eta_+^1\otimes\eta_\pm^{2\dagger}\ .$
cardona-qft-methods_EQ0987	370	0.997	`\mathbb{D} \pi(X) \xi=X \xi=\lim _{t \rightarrow 0} \frac{1}{t}(\exp (t X) \xi-\xi),`	$\mathbb{D}\pi(X)\xi = X\xi = \lim_{t\to 0}\frac{1}{t}(\exp(tX)\xi-\xi),$	$\mathbb{D}\pi(X)\xi = X\xi = \lim_{t\to 0}\frac{1}{t}\big(\exp(tX)\xi-\xi\big),$

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cardona-qft-methods_EQ0081 (28)	48	0.998	`\mathcal{D}_{A}=\mathcal{D}+\widetilde{A} \text { where } \widetilde{A}=A+\varepsilon J A J^{-1}, \quad D_{A}=\mathcal{D}_{A}+P_{A}`	$\mathcal{D}_{A}=\mathcal{D}+\widetilde{A}$ where $\widetilde{A}=A+\varepsilon J A J^{-1}, \quad D_{A}=\mathcal{D}_{A}+P_{A}$	$\mathcal{D}_{A}=\mathcal{D}+\widetilde{A}$ where $\widetilde{A}=A+\varepsilon J A J^{-1}, \quad D_{A}=\mathcal{D}_{A}+P_{A}$
cardona-qft-methods_EQ0169	89	0.998	`g_{1} \cdot\left(x, g_{2}\right):=\left(x, g_{1} g_{2} \right), \quad x \in N, g_{1}, g_{2} \in G .`	$g_{1} \cdot\left(x, g_{2}\right):=\left(x, g_{1} g_{2} \right), \quad x \in N, g_{1}, g_{2} \in G .$	$g_{1} \cdot\left(x, g_{2}\right):=\left(x, g_{1} g_{2} \right), \quad x \in N, g_{1}, g_{2} \in G .$
cardona-qft-methods_EQ0542	243	0.998	`m\left(\int d \mu(g) \alpha(g) g \otimes \int d \mu(h) \beta(h) h\right)=\int d \mu(g) d \mu(h) \alpha(g) \beta(h) g h .`	$m\left(\int d \mu(g) \alpha(g) g \otimes \int d \mu(h) \beta(h) h\right)=\int d \mu(g) d \mu(h) \alpha(g) \beta(h) g h .$	$m\left(\int d \mu(g) \alpha(g) g \otimes \int d \mu(h) \beta(h) h\right)=\int d \mu(g) d \mu(h) \alpha(g) \beta(h) g h .$
cardona-qft-methods_EQ0617 (25)	256	0.998	`f_{1} f_{2} \in C^{\infty}(M),`	$f_{1} f_{2} \in C^{\infty}(M),$	$f_{1} f_{2} \in C^{\infty}(M),$
cardona-qft-methods_EQ0638 (45)	258	0.998	`\varphi_{\theta}=\varphi_{0} e^{-\frac{i}{2} \overleftarrow{\partial} \wedge P} .`	$\varphi_{\theta}=\varphi_{0} e^{-\frac{i}{2} \overleftarrow{\partial} \wedge P} .$	$\varphi_{\theta}=\varphi_{0} e^{-\frac{i}{2} \overleftarrow{\partial} \wedge P} .$
cardona-qft-methods_EQ0664 (15)	263	0.998	`\theta\left(x_{0}-y_{0}\right)=\theta\left((\Lambda x)_{0}-(\Lambda y)_{0}\right),`	$\theta\left(x_{0}-y_{0}\right)=\theta\left((\Lambda x)_{0}-(\Lambda y)_{0}\right),$	$\theta\left(x_{0}-y_{0}\right)=\theta\left((\Lambda x)_{0}-(\Lambda y)_{0}\right),$
cardona-qft-methods_EQ0983 (3)	367	0.998	`Q=\left\{t_{i} \mid \text { such that } t_{i} \text { appears in } q(t)\right\} .`	$Q=\left\{t_{i} \mid \text { such that } t_{i} \text { appears in } q(t)\right\} .$	$Q=\left\{t_{i} \mid \text { such that } t_{i} \text { appears in } q(t)\right\} .$
cardona-qft-methods_EQ0052	37	0.998	`\begin{aligned} \left\langle U_{g^{\prime}, g} \psi^{ \prime}, U_{g^{\prime}, g} \psi^{\prime}\right\rangle_{ \mathcal{H}_{g}} & =\int_{M}\left|U_{g, g^{\prime}} \psi^{\prime}\right|_{g}^{2} d v o l_{g}=\int_{M} \left|I_{g^{\prime}, g} \psi^{\prime}\right|_{g}^{2} f_{g^{\prime}, g} d v o l_{g} \\ & =\int_{M}\left|\psi^{ \prime}\right|_{g^{\prime}}^{2} d v o l_{g^{\prime}}= \left\langle\psi_{g^{\prime}}, \psi_{g^{\prime}}\right \rangle_{\mathcal{H}_{g^{\prime}}} \end{aligned}`	$\begin{aligned} \left\langle U_{g^{\prime}, g} \psi^{\prime}, U_{g^{\prime}, g} \psi^{\prime}\right\rangle_{\mathcal{H}_{g}} & =\int_{M}\left\|U_{g, g^{\prime}} \psi^{\prime}\right\|_{g}^{2} d v o l_{g}=\int_{M} \left\|I_{g^{\prime}, g} \psi^{\prime}\right\|_{g}^{2} f_{g^{\prime}, g} d v o l_{g} \\ & =\int_{M}\left\|\psi^{ \prime}\right\|_{g^{\prime}}^{2} d v o l_{g^{\prime}}= \left\langle\psi_{g^{\prime}}, \psi_{g^{\prime}}\right \rangle_{\mathcal{H}_{g^{\prime}}} \end{aligned}$	$\begin{aligned} \left\langle U_{g^{\prime}, g} \psi^{\prime}, U_{g^{\prime}, g} \psi^{\prime}\right\rangle_{\mathcal{H}_{g}} & =\int_{M}\left\|U_{g, g^{\prime}} \psi^{\prime}\right\|_{g}^{2} d v o l_{g}=\int_{M} \left\|I_{g^{\prime}, g} \psi^{\prime}\right\|_{g}^{2} f_{g^{\prime}, g} d v o l_{g} \\ & =\int_{M}\left\|\psi^{ \prime}\right\|_{g^{\prime}}^{2} d v o l_{g^{\prime}}= \left\langle\psi_{g^{\prime}}, \psi_{g^{\prime}}\right \rangle_{\mathcal{H}_{g^{\prime}}} \end{aligned}$
cardona-qft-methods_EQ0006	19	0.998	`\begin{aligned} \sigma(x, \xi) \in S^{m}\left(U \times \mathbb{R}^{d}\right) & \longleftrightarrow k_{ \sigma}(x, y) \in C_{c}^{\infty}\left(U \times U \times \mathbb{R}^{d}\right) \\ & \longleftrightarrow A=O p( \sigma) \in \Psi D O^{m} \end{aligned}`	$\begin{aligned} \sigma(x, \xi) \in S^{m}\left(U \times \mathbb{R}^{d}\right) & \longleftrightarrow k_{ \sigma}(x, y) \in C_{c}^{\infty}\left(U \times U \times \mathbb{R}^{d}\right) \\ & \longleftrightarrow A=O p(\sigma) \in \Psi D O^{m} \end{aligned}$	$\begin{aligned} \sigma(x, \xi) \in S^{m}\left(U \times \mathbb{R}^{d}\right) & \longleftrightarrow k_{ \sigma}(x, y) \in C_{c}^{\infty}\left(U \times U \times \mathbb{R}^{d}\right) \\ & \longleftrightarrow A=O p(\sigma) \in \Psi D O^{m} \end{aligned}$
cardona-qft-methods_EQ0010	19	0.998	`\sigma^{\phi_{*} P}(x, \xi)=\sigma_{m}^{P}\left( \phi^{-1}(x),(d \phi)^{t} \xi\right)+\sum_{|\alpha|>0} \frac{(-i)^{\alpha}}{\alpha!} \phi_{\alpha}(x, \xi) \partial_{\xi}^{\alpha} \sigma^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right)`	$\sigma^{\phi_{*} P}(x, \xi)=\sigma_{m}^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right)+\sum_{\|\alpha\|>0} \frac{(-i)^{\alpha}}{\alpha!} \phi_{\alpha}(x, \xi) \partial_{\xi}^{\alpha} \sigma^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right)$	$\sigma^{\phi_{*} P}(x, \xi)=\sigma_{m}^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right)+\sum_{\|\alpha\|>0} \frac{(-i)^{\alpha}}{\alpha!} \phi_{\alpha}(x, \xi) \partial_{\xi}^{\alpha} \sigma^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right)$
cardona-qft-methods_EQ0074	45	0.998	`\nabla\left(O P^{\alpha}\right) \subset O P^{\alpha+1} .`	$\nabla\left(O P^{\alpha}\right) \subset O P^{\alpha+1} .$	$\nabla\left(O P^{\alpha}\right) \subset O P^{\alpha+1} .$
cardona-qft-methods_EQ0083 (29)	48	0.998	`\left|D_{A}\right|^{-s} \sim|D|^{-s}+\sum_{p=1}^{N} K_{p}(Y, s)|D|^{-s} \quad \bmod O P^{-N-1-\Re(s)}`	$\left\|D_{A}\right\|^{-s} \sim\|D\|^{-s}+\sum_{p=1}^{N} K_{p}(Y, s)\|D\|^{-s} \quad \bmod O P^{-N-1-\Re(s)}$	$\left\|D_{A}\right\|^{-s} \sim\|D\|^{-s}+\sum_{p=1}^{N} K_{p}(Y, s)\|D\|^{-s} \quad \bmod O P^{-N-1-\Re(s)}$
cardona-qft-methods_EQ0395	180	0.998	`L_{2 n-1}^{(A) d S}=\kappa \cdot \epsilon_{A_{1} \cdots A_{2 n}}\left[W(d W)^{n-1}+a_{3} W^{3}(d W)^{n-2}+\cdots a_{2 n-1} W^{2 n-1}\right],`	$L_{2 n-1}^{(A) d S}=\kappa \cdot \epsilon_{A_{1} \cdots A_{2 n}}\left[W(d W)^{n-1}+a_{3} W^{3}(d W)^{n-2}+\cdots a_{2 n-1} W^{2 n-1}\right],$	$L_{2 n-1}^{(A) d S}=\kappa \cdot \epsilon_{A_{1} \cdots A_{2 n}}\left[W(d W)^{n-1}+a_{3} W^{3}(d W)^{n-2}+\cdots a_{2 n-1} W^{2 n-1}\right],$

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cardona-qft-methods_ EQ0413 (43)	188	0.998	`\begin{aligned} & A \rightarrow A^{\prime}=\Lambda^{-1} A \Lambda+\Lambda^{-1} d \Lambda \\ & \bar{A} \rightarrow \bar{A}^{\prime}=\bar{\Lambda}^{-1} \bar{A} \bar{\Lambda}+\bar{\Lambda}^{-1} d \bar{\Lambda} \end{aligned}`	$A \rightarrow A^{\prime}=\Lambda^{-1} A \Lambda+\Lambda^{-1} d \Lambda$ $\bar{A} \rightarrow \bar{A}^{\prime}=\bar{\Lambda}^{-1} \bar{A} \bar{\Lambda}+\bar{\Lambda}^{-1} d \bar{\Lambda}$	$A \rightarrow A^{\prime}=\Lambda^{-1} A \Lambda+\Lambda^{-1} d \Lambda$ $\bar{A} \rightarrow \bar{A}^{\prime}=\bar{\Lambda}^{-1} \bar{A} \bar{\Lambda}+\bar{\Lambda}^{-1} d \bar{\Lambda}$
cardona-qft-methods_ EQ0437	209	0.998	`J_{F}^{2}=1, \quad J_{F} \gamma_{F}=-\gamma_{F} J_{F} .`	$J_{F}^{2}=1, \quad J_{F} \gamma_{F}=-\gamma_{F} J_{F}$.	$J_{F}^{2}=1, \quad J_{F} \gamma_{F}=-\gamma_{F} J_{F}$.
cardona-qft-methods_ EQ0438	209	0.998	`q(\lambda)=\left(\begin{array}{ll} \lambda & 0 \\ 0 & \bar{\lambda} \end{array}\right) \quad q(\lambda)| \uparrow\rangle=\lambda| \uparrow\rangle, \quad q(\lambda)| \downarrow\rangle=\bar{\lambda}| \downarrow\rangle .`	$q(\lambda)=\left(\begin{array}{ll} \lambda & 0 \\ 0 & \bar{\lambda} \end{array}\right) \quad q(\lambda)\| \uparrow\rangle=\lambda\| \uparrow\rangle, \quad q(\lambda)\| \downarrow\rangle=\bar{\lambda}\| \downarrow\rangle$.	$q(\lambda)=\left(\begin{array}{ll} \lambda & 0 \\ 0 & \bar{\lambda} \end{array}\right) \quad q(\lambda)\| \uparrow\rangle=\lambda\| \uparrow\rangle, \quad q(\lambda)\| \downarrow\rangle=\bar{\lambda}\| \downarrow\rangle$.
cardona-qft-methods_ EQ0530 (10)	241	0.998	`U^{(2)}(g)=U^{(1)}(g) \otimes U^{(1)}(g),`	$U^{(2)}(g)=U^{(1)}(g) \otimes U^{(1)}(g)$,	$U^{(2)}(g)=U^{(1)}(g) \otimes U^{(1)}(g)$,
cardona-qft-methods_ EQ0580	250	0.998	`\Lambda: x \rightarrow \Lambda(x) \in \mathbb{R}^{N} .`	$\Lambda: x \rightarrow \Lambda(x) \in \mathbb{R}^{N}$.	$\Lambda: x \rightarrow \Lambda(x) \in \mathbb{R}^{N}$.
cardona-qft-methods_ EQ0874	338	0.998	`\begin{aligned} \mathcal{G} & =T^{*}(P M) . \\ L & = \left\{\left(X_{1}, \eta_{1}\right),\left(X_{2}, \eta_{2} \right),\left(X_{3}, \eta_{3}\right) \in C_{\Pi}^{3} \mid\left(X_{1} * X_{2}, \eta_{1} * \eta_{2}\right) \sim \left(X_{3} * \eta_{3}\right)\right\} . \\ I & \left.=(X, \eta) \mapsto\left(\phi^{*} X, \phi^{*} \eta\right)\right\} . \end{aligned}`	$\mathcal{G} & =T^{*}(P M) . \\ L & = \left\{\left(X_{1}, \eta_{1}\right),\left(X_{2}, \eta_{2} \right),\left(X_{3}, \eta_{3}\right) \in C_{\Pi}^{3} \mid\left(X_{1} * X_{2}, \eta_{1} * \eta_{2}\right) \sim \left(X_{3} * \eta_{3}\right)\right\} . \\ I & \left.=(X, \eta) \mapsto\left(\phi^{*} X, \phi^{*} \eta\right)\right\} .$	$\mathcal{G} & =T^{*}(P M) . \\ L & = \left\{\left(X_{1}, \eta_{1}\right),\left(X_{2}, \eta_{2} \right),\left(X_{3}, \eta_{3}\right) \in C_{\Pi}^{3} \mid\left(X_{1} * X_{2}, \eta_{1} * \eta_{2}\right) \sim \left(X_{3} * \eta_{3}\right)\right\} . \\ I & \left.=(X, \eta) \mapsto\left(\phi^{*} X, \phi^{*} \eta\right)\right\} .$
cardona-qft-methods_ EQ0965 (5)	362	0.998	`X_{\Gamma} \backslash \Sigma_{n}=\emptyset=X_{\Gamma^{ \vee}} \backslash \Sigma_{n} .`	$X_{\Gamma} \backslash \Sigma_{n}=\emptyset=X_{\Gamma^{\vee}} \backslash \Sigma_{n}$.	$X_{\Gamma} \backslash \Sigma_{n}=\emptyset=X_{\Gamma^{\vee}} \backslash \Sigma_{n}$.
cardona-qft-methods_ EQ0377 (18)	177	0.998	`S O(D-1,1) \hookrightarrow\left\{\begin{array}{cc} S O(D, 1), & \Upsilon^{A B}=\operatorname{diag}\left(\eta^{ \mathrm{ab}},+1\right) \\ S O(D-1,2), & \Upsilon^{A B}= \operatorname{diag}\left(\eta^{\mathrm{ab}},-1\right) \end{array}\right.`	$SO(D-1,1) \hookrightarrow \begin{cases} SO(D,1), & \Upsilon^{AB}=\operatorname{diag}\left(\eta^{\mathrm{ab}},+1\right) \\ SO(D-1,2), & \Upsilon^{AB}=\operatorname{diag}\left(\eta^{\mathrm{ab}},-1\right) \end{cases}$	$SO(D-1,1) \hookrightarrow \begin{cases} SO(D,1), & \Upsilon^{AB}=\operatorname{diag}\left(\eta^{\mathrm{ab}},+1\right) \\ SO(D-1,2), & \Upsilon^{AB}=\operatorname{diag}\left(\eta^{\mathrm{ab}},-1\right) \end{cases}$
cardona-qft-methods_ EQ0116	75	0.999	`\operatorname{Ker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{+} V ; \quad \operatorname{Coker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{-} V .`	$\operatorname{Ker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{+} V ; \quad \operatorname{Coker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{-} V$.	$\operatorname{Ker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{+} V ; \quad \operatorname{Coker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{-} V$.
cardona-qft-methods_ EQ0411 (41)	188	0.999	`d \mathcal{T}_{2 n-1}(A, \bar{A})=\mathcal{P}_{2 n}(A)- \mathcal{P}_{2 n}(\bar{A}),`	$d \mathcal{T}_{2 n-1}(A, \bar{A})=\mathcal{P}_{2 n}(A)-\mathcal{P}_{2 n}(\bar{A})$,	$d \mathcal{T}_{2 n-1}(A, \bar{A})=\mathcal{P}_{2 n}(A)-\mathcal{P}_{2 n}(\bar{A})$,
cardona-qft-methods_ EQ0415 (46)	189	0.999	`I[A, \bar{A}]=\int_{M} \mathcal{C}(A)+\int_{\bar{M}} \mathcal{C}(\bar{A})+\int_{\partial M} \mathcal{B}(A, \bar{A}),`	$I[A, \bar{A}]=\int_{M} \mathcal{C}(A)+\int_{\bar{M}} \mathcal{C}(\bar{A})+\int_{\partial M} \mathcal{B}(A, \bar{A})$,	$I[A, \bar{A}]=\int_{M} \mathcal{C}(A)+\int_{\bar{M}} \mathcal{C}(\bar{A})+\int_{\partial M} \mathcal{B}(A, \bar{A})$,
cardona-qft-methods_ EQ0448	211	0.999	`\mathcal{C}_{3}=(K \times K) \backslash(G \times G) / K,`	$\mathcal{C}_{3}=(K \times K) \backslash(G \times G) / K$,	$\mathcal{C}_{3}=(K \times K) \backslash(G \times G) / K$,
cardona-qft-methods_ EQ0612 (20)	254	0.999	`\left(\Lambda e_{p}\right)(x)=e_{p}\left(\Lambda^{-1} x \right)=e_{\Lambda p(x)},`	$\left(\Lambda e_{p}\right)(x)=e_{p}\left(\Lambda^{-1} x\right)=e_{\Lambda p(x)}$,	$\left(\Lambda e_{p}\right)(x)=e_{p}\left(\Lambda^{-1} x\right)=e_{\Lambda p(x)}$,
cardona-qft-methods_ EQ0624 (32)	257	0.999	`\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{ \theta} ; \quad F_{\theta}=\exp ^{\frac{i}{2} \hat{P}_{ \mu} \otimes \theta_{\mu \nu} \hat{P}_{\nu}},`	$\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{\theta} ; \quad F_{\theta}=\exp ^{\frac{i}{2} \hat{P}_{\mu} \otimes \theta_{\mu \nu} \hat{P}_{\nu}}$,	$\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{\theta} ; \quad F_{\theta}=\exp ^{\frac{i}{2} \hat{P}_{\mu} \otimes \theta_{\mu \nu} \hat{P}_{\nu}}$,

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cardona-qft-methods_ EQ0744	283	0.999	`[K, \mathcal{O}]=0 \quad, \quad[S, \mathcal{O}]=0 \quad, \quad[\bar{S}, \mathcal{O}]=0 .`	$[K, \mathcal{O}]=0 \quad, \quad[S, \mathcal{O}]=0 \quad, \quad[\bar{S}, \mathcal{O}]=0 .$	$[K, \mathcal{O}]=0 \quad, \quad[S, \mathcal{O}]=0 \quad, \quad[\bar{S}, \mathcal{O}]=0 .$
cardona-qft-methods_ EQ0767 (8)	293	0.999	`\eta_{M N} \partial_{\sigma^{+}} X_{L}^{M} \partial_{ \sigma^{+}} X_{L}^{N}=\eta_{M N} \partial_{\sigma^{-}} X_{R}^{M} \partial_{\sigma^{-}} X_{R}^{N}=0 .`	$\eta_{MN} \partial_{\sigma^{+}} X_{L}^{M} \partial_{\sigma^{+}} X_{L}^{N}=\eta_{MN} \partial_{\sigma^{-}} X_{R}^{M} \partial_{\sigma^{-}} X_{R}^{N}=0 .$	$\eta_{MN} \partial_{\sigma^{+}} X_{L}^{M} \partial_{\sigma^{+}} X_{L}^{N}=\eta_{MN} \partial_{\sigma^{-}} X_{R}^{M} \partial_{\sigma^{-}} X_{R}^{N}=0 .$
cardona-qft-methods_ EQ0943 (3)	358	0.999	`[X] \cdot[Y]=[X \times Y] .`	$[X] \cdot[Y]=[X \times Y] .$	$[X] \cdot[Y]=[X \times Y] .$
cardona-qft-methods_ EQ0989	371	0.999	`A B=\text { the closure of }\left.A B\right|_{ \mathcal{D}}, \quad \mathcal{D}=B^{-1} \operatorname{dom} A .`	$AB=$ the closure of $AB\|_{\mathcal{D}}, \quad \mathcal{D}=B^{-1} \operatorname{dom} A .$	$AB=$ the closure of $AB\|_{\mathcal{D}}, \quad \mathcal{D}=B^{-1} \operatorname{dom} A .$
cardona-qft-methods_ EQ0289	138	0.999	`\begin{aligned} C_{G_{(m+3) e}}(T)= & (3 T-1) C_{G_{(m+2) e}}(T)-\left(3 T^{2}-2 T\right) C_{G_{(m+1) e}}(T) \\ & +\left(T^{3}-T^{2}\right) C_{G_{m e}}(T) \end{aligned}`	$\begin{aligned} C_{G_{(m+3) e}}(T)= & (3 T-1) C_{G_{(m+2) e}}(T)-\left(3 T^{2}-2 T\right) C_{G_{(m+1) e}}(T) \\ & +\left(T^{3}-T^{2}\right) C_{G_{m e}}(T) \end{aligned}$	$\begin{aligned} C_{G_{(m+3) e}}(T)= & (3 T-1) C_{G_{(m+2) e}}(T)-\left(3 T^{2}-2 T\right) C_{G_{(m+1) e}}(T) \\ & +\left(T^{3}-T^{2}\right) C_{G_{m e}}(T) \end{aligned}$
cardona-qft-methods_ EQ0389 (27)	179	0.999	`\mathbf{E}_{2 n}=\epsilon_{A_{1} \cdots A_{2 n}} F^{A_{1} A_{2}} \cdots F^{A_{2 n-1} A_{2 n}} .`	$\mathbf{E}_{2 n}=\epsilon_{A_{1} \cdots A_{2 n}} F^{A_{1} A_{2}} \cdots F^{A_{2 n-1} A_{2 n}} .$	$\mathbf{E}_{2 n}=\epsilon_{A_{1} \cdots A_{2 n}} F^{A_{1} A_{2}} \cdots F^{A_{2 n-1} A_{2 n}} .$
cardona-qft-methods_ EQ0392 (30)	180	0.999	`I_{2 n-1}=\frac{\kappa}{l} \int_{M} \int_{0}^{1} d t \epsilon_{a_{1} \cdots a_{2 n-1}} R_{t}^{a_{1} a_{2}} \cdots R_{t}^{a_{2 n-3} a_{2 n-2}} e^{a_{2 n-1}},`	$I_{2 n-1}=\frac{\kappa}{l} \int_{M} \int_{0}^{1} d t \epsilon_{a_{1} \cdots a_{2 n-1}} R_{t}^{a_{1} a_{2}} \cdots R_{t}^{a_{2 n-3} a_{2 n-2}} e^{a_{2 n-1}},$	$I_{2 n-1}=\frac{\kappa}{l} \int_{M} \int_{0}^{1} d t \epsilon_{a_{1} \cdots a_{2 n-1}} R_{t}^{a_{1} a_{2}} \cdots R_{t}^{a_{2 n-3} a_{2 n-2}} e^{a_{2 n-1}},$
cardona-qft-methods_ EQ0405 (37)	184	0.999	`\begin{aligned} L_{2 n}^{B I} & =\epsilon_{a_{1} b_{1} a_{2} b_{2} \cdots a_{n} b_{n}}\left[R^{a_{1} b_{1}}+\frac{1}{l^{2}} e^{a_{1}} e^{b_{1}}\right] \cdots\left[R^{a_{n} b_{n}}+\frac{1}{l^{2}} e^{a_{n}} e^{b_{n}}\right] \\ & =\operatorname{Pfaff}\left[R^{a b}+\frac{1}{l^{2}} e^{a} e^{b}\right] . \end{aligned}`	$\begin{aligned} L_{2 n}^{B I} & =\epsilon_{a_{1} b_{1} a_{2} b_{2} \cdots a_{n} b_{n}}\left[R^{a_{1} b_{1}}+\frac{1}{l^{2}} e^{a_{1}} e^{b_{1}}\right] \cdots\left[R^{a_{n} b_{n}}+\frac{1}{l^{2}} e^{a_{n}} e^{b_{n}}\right] \\ & =\operatorname{Pfaff}\left[R^{a b}+\frac{1}{l^{2}} e^{a} e^{b}\right] . \end{aligned}$	$\begin{aligned} L_{2 n}^{B I} & =\epsilon_{a_{1} b_{1} a_{2} b_{2} \cdots a_{n} b_{n}}\left[R^{a_{1} b_{1}}+\frac{1}{l^{2}} e^{a_{1}} e^{b_{1}}\right] \cdots\left[R^{a_{n} b_{n}}+\frac{1}{l^{2}} e^{a_{n}} e^{b_{n}}\right] \\ & =\operatorname{Pfaff}\left[R^{a b}+\frac{1}{l^{2}} e^{a} e^{b}\right] . \end{aligned}$
cardona-qft-methods_ EQ0436	209	0.999	`J_{F}^{2}=1, \quad \xi b=J_{F} b^{*} J_{F} \xi \quad \xi \in \mathcal{M}_{F}, b \in \mathcal{A}_{L R} .`	$J_{F}^{2}=1, \quad \xi b=J_{F} b^{*} J_{F} \xi \quad \xi \in \mathcal{M}_{F}, b \in \mathcal{A}_{L R} .$	$J_{F}^{2}=1, \quad \xi b=J_{F} b^{*} J_{F} \xi \quad \xi \in \mathcal{M}_{F}, b \in \mathcal{A}_{L R} .$
cardona-qft-methods_ EQ0498	226	0.999	`\lambda\left(\Lambda_{\text {unif }}\right)=\frac{ \pi^{2}}{2 f_{0}} \frac{\mathfrak{b}\left(\Lambda_{ \text {unif }}\right)}{\mathfrak{a}\left(\Lambda_{\text {unif }}\right)^{2}}`	$\lambda\left(\Lambda_{\text {unif }}\right)=\frac{\pi^{2}}{2 f_{0}} \frac{\mathfrak{b}\left(\Lambda_{\text {unif }}\right)}{\mathfrak{a}\left(\Lambda_{\text {unif }}\right)^{2}}$	$\lambda\left(\Lambda_{\text {unif }}\right)=\frac{\pi^{2}}{2 f_{0}} \frac{\mathfrak{b}\left(\Lambda_{\text {unif }}\right)}{\mathfrak{a}\left(\Lambda_{\text {unif }}\right)^{2}}$
cardona-qft-methods_ EQ0520 (6)	237	0.999	`\hat{x}_{\mu} \star \hat{x}_{\nu}-\hat{x}_{\nu} \star \hat{x}_{\mu}=\left[\hat{x}_{\mu}, \hat{x}_{\nu}\right]_{ \star}=i \theta_{\mu \nu}, \quad \mu, \nu=0,1, \ldots, d .`	$\hat{x}_{\mu} \star \hat{x}_{\nu}-\hat{x}_{\nu} \star \hat{x}_{\mu}=\left[\hat{x}_{\mu}, \hat{x}_{\nu}\right]_{\star}=i \theta_{\mu \nu}, \quad \mu, \nu=0,1, \ldots, d .$	$\hat{x}_{\mu} \star \hat{x}_{\nu}-\hat{x}_{\nu} \star \hat{x}_{\mu}=\left[\hat{x}_{\mu}, \hat{x}_{\nu}\right]_{\star}=i \theta_{\mu \nu}, \quad \mu, \nu=0,1, \ldots, d .$
cardona-qft-methods_ EQ0592 (1)	252	0.999	`(a, \Lambda) \in \mathcal{P}:(a, \Lambda) x=\Lambda x+a .`	$(a, \Lambda) \in \mathcal{P}:(a, \Lambda) x=\Lambda x+a .$	$(a, \Lambda) \in \mathcal{P}:(a, \Lambda) x=\Lambda x+a .$
cardona-qft-methods_ EQ0598 (7)	252	0.999	`(\operatorname{Ad} U \otimes V) \Delta_{0}((a, \Lambda)) \varphi=\varphi`	$(\operatorname{Ad} U \otimes V) \Delta_{0}((a, \Lambda)) \varphi=\varphi$	$(\operatorname{Ad} U \otimes V) \Delta_{0}((a, \Lambda)) \varphi=\varphi$
cardona-qft-methods_ EQ0623 (31)	257	0.999	`\mathcal{P} \ni(a, \Delta): \alpha \rightarrow(a, \Delta) \alpha, \quad((a, \Delta) \alpha)(x)=\alpha \left(\left((a, \Delta)^{-1} x\right) .\right.`	$\mathcal{P} \ni(a, \Delta): \alpha \rightarrow(a, \Delta) \alpha, \quad((a, \Delta) \alpha)(x)=\alpha \left(\left((a, \Delta)^{-1} x\right) .\right.$	$\mathcal{P} \ni(a, \Delta): \alpha \rightarrow(a, \Delta) \alpha, \quad((a, \Delta) \alpha)(x)=\alpha \left(\left((a, \Delta)^{-1} x\right) .\right.$
cardona-qft-methods_ EQ0678 (3)	269	0.999	`\left[S^{i}, S^{j}\right]=i \epsilon^{i j k} S^{k} .`	$\left[S^{i}, S^{j}\right]=i \epsilon^{i j k} S^{k} .$	$\left[S^{i}, S^{j}\right]=i \epsilon^{i j k} S^{k} .$

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cardona-qft-methods_ EQ0697	271	■0.999	`\mathcal{H}_{l, l+1}=2\left(\mathbb{I}_{l, l+1}-\mathbb{P}_{l, l+1}\right)=\left(\begin{array}{cccc} 0 & 0 & 0 & 0 \\ 0 & +2 & -2 & 0 \\ 0 & -2 & +2 & 0 \\ 0 & 0 & 0 & 0 \end{array}\right),`	$\mathcal{H}_{l,l+1}=2\left(\mathbb{I}_{l,l+1}-\mathbb{P}_{l,l+1}\right)=\left(\begin{array}{cccc} 0 & 0 & 0 & 0 \\ 0 & +2 & -2 & 0 \\ 0 & -2 & +2 & 0 \\ 0 & 0 & 0 & 0 \end{array}\right),$	$\mathcal{H}_{l,l+1}=2\left(\mathbb{I}_{l,l+1}-\mathbb{P}_{l,l+1}\right)=\left(\begin{array}{cccc} 0 & 0 & 0 & 0 \\ 0 & +2 & -2 & 0 \\ 0 & -2 & +2 & 0 \\ 0 & 0 & 0 & 0 \end{array}\right),$
cardona-qft-methods_ EQ0699	271	■0.999	`\left[\vec{S}_{\mathrm{tot}}, \hat{H}\right]=0,`	$\left[\vec{S}_{\mathrm{tot}}, \hat{H}\right]=0,$	$\left[\vec{S}_{\mathrm{tot}}, \hat{H}\right]=0,$
cardona-qft-methods_ EQ0823 (1)	312	■0.999	`\mathrm{d} s^{2}=e^{2 A(y)} \eta_{\mu \nu} \mathrm{d} x^{\mu} \mathrm{d} x^{\nu}+g_{m n} \mathrm{~d} y^{m} \mathrm{~d} y^{n}, \quad \mu=0,1,2,3 \quad m=1, \ldots, 6`	$\mathrm{d} s^{2}=e^{2 A(y)} \eta_{\mu \nu} \mathrm{d} x^{\mu} \mathrm{d} x^{\nu}+g_{m n} \mathrm{~d} y^{m} \mathrm{~d} y^{n}, \quad \mu=0,1,2,3 \quad m=1, \ldots, 6$	$\mathrm{d} s^{2}=e^{2 A(y)} \eta_{\mu \nu} \mathrm{d} x^{\mu} \mathrm{d} x^{\nu}+g_{m n} \mathrm{~d} y^{m} \mathrm{~d} y^{n}, \quad \mu=0,1,2,3 \quad m=1, \ldots, 6$
cardona-qft-methods_ EQ0842 (1)	329	■0.999	`\Pi^{s r}(x)\left(\partial_{r}\right) \Pi^{l k}(x)+\Pi^{k r}(x)\left(\partial_{r}\right) \Pi^{s l}(x)+\Pi^{l r}(x)\left(\partial_{r}\right) \Pi^{k s}(x)=0,`	$\Pi^{sr}(x)\left(\partial_r\right)\Pi^{lk}(x)+\Pi^{kr}(x)\left(\partial_r\right)\Pi^{sl}(x)+\Pi^{lr}(x)\left(\partial_r\right)\Pi^{ks}(x)=0,$	$\Pi^{sr}(x)\left(\partial_r\right)\Pi^{lk}(x)+\Pi^{kr}(x)\left(\partial_r\right)\Pi^{sl}(x)+\Pi^{lr}(x)\left(\partial_r\right)\Pi^{ks}(x)=0,$
cardona-qft-methods_ EQ0887	344	■0.999	`H_{p}(M) \otimes H_{q}(M) \longrightarrow H_{p+q}(M \times M) \xrightarrow{\tau_{\Delta *}} H_{p+q}\left(M^{T M}\right) \xrightarrow{T h o m} H_{p+q-n}(M)`	$H_p(M) \otimes H_q(M) \longrightarrow H_{p+q}(M \times M) \xrightarrow{\tau_{\Delta *}} H_{p+q}\left(M^{TM}\right) \xrightarrow{Thom} H_{p+q-n}(M)$	$H_p(M) \otimes H_q(M) \longrightarrow H_{p+q}(M \times M) \xrightarrow{\tau_{\Delta *}} H_{p+q}\left(M^{TM}\right) \xrightarrow{Thom} H_{p+q-n}(M)$
cardona-qft-methods_ EQ0988	371	■0.999	`A+B=\text { the closure of }\left.A\right|_{\mathcal{D}}+\left.B\right|_{\mathcal{D}}, \quad \mathcal{D}= \operatorname{dom} A \cap \operatorname{dom} B .`	$A+B=$ the closure of $A\|_{\mathcal{D}}+B\|_{\mathcal{D}}, \quad \mathcal{D}=\operatorname{dom} A \cap \operatorname{dom} B.$	$A+B=$ the closure of $A\|_{\mathcal{D}}+B\|_{\mathcal{D}}, \quad \mathcal{D}=\operatorname{dom} A \cap \operatorname{dom} B.$
cardona-qft-methods_ EQ0759	287	■0.999	`\begin{aligned} & \uparrow=Z=\text { nothing }, \\ & \downarrow=M_{A \dot{A}}=8+8 \text { magnons transforming under } \mathfrak{s u}(2 \mid 2) \otimes \overline{\mathfrak{s u}}(2 \mid 2), \end{aligned}`	$\begin{aligned} & \uparrow=Z=\text { nothing }, \\ & \downarrow=M_{A \dot{A}}=8+8 \text { magnons transforming under } \mathfrak{s u}(2 \mid 2) \otimes \overline{\mathfrak{s u}}(2 \mid 2), \end{aligned}$	$\begin{aligned} & \uparrow=Z=\text { nothing }, \\ & \downarrow=M_{A \dot{A}}=8+8 \text { magnons transforming under } \mathfrak{s u}(2 \mid 2) \otimes \overline{\mathfrak{s u}}(2 \mid 2), \end{aligned}$
cardona-qft-methods_ EQ0039	31	■1.000	`\lim _{N \rightarrow \infty} \frac{1}{\log N} \sum_{n=0}^{N} \mu_{n}\left((1+\Delta)^{-d / 2}\right)= \frac{\alpha}{\Gamma(d / 2+1)}=\frac{\pi^{d / 2}}{ \Gamma(d / 2+1)} .`	$\lim_{N \rightarrow \infty} \frac{1}{\log N} \sum_{n=0}^{N} \mu_n\left((1+\Delta)^{-d/2}\right)=\frac{\alpha}{\Gamma(d/2+1)}=\frac{\pi^{d/2}}{\Gamma(d/2+1)}.$	$\lim_{N \rightarrow \infty} \frac{1}{\log N} \sum_{n=0}^{N} \mu_n\left((1+\Delta)^{-d/2}\right)=\frac{\alpha}{\Gamma(d/2+1)}=\frac{\pi^{d/2}}{\Gamma(d/2+1)}.$
cardona-qft-methods_ EQ0047 (13)	35	■1.000	`\not D=-i c \circ \nabla^{S} .`	$\not{D}=-i c \circ \nabla^S.$	$\not{D}=-i c \circ \nabla^S.$
cardona-qft-methods_ EQ0087	50	■1.000	`f A \mathcal{D}^{-1}=0, \forall A \in \Omega_{ \mathcal{D}}^{1}(\mathcal{A}) \Longleftrightarrow f a b=f a \alpha(b), \forall a, b \in \mathcal{A},`	$f A \mathcal{D}^{-1}=0, \forall A \in \Omega_{\mathcal{D}}^1(\mathcal{A}) \Longleftrightarrow f a b=f a \alpha(b), \forall a, b \in \mathcal{A},$	$f A \mathcal{D}^{-1}=0, \forall A \in \Omega_{\mathcal{D}}^1(\mathcal{A}) \Longleftrightarrow f a b=f a \alpha(b), \forall a, b \in \mathcal{A},$
cardona-qft-methods_ EQ0125	77	■1.000	`D^{\alpha}:=D_{1}^{\alpha_{1}} D_{2}^{\alpha_{1}} \cdots D_{n}^{\alpha_{n}}: C^{\infty}\left(\mathbb{R}^{n}\right) \longrightarrow C^{\infty}\left(\mathbb{R}^{n}\right) .`	$D^\alpha:=D_1^{\alpha_1} D_2^{\alpha_1} \cdots D_n^{\alpha_n}: C^\infty\left(\mathbb{R}^n\right) \longrightarrow C^\infty\left(\mathbb{R}^n\right).$	$D^\alpha:=D_1^{\alpha_1} D_2^{\alpha_1} \cdots D_n^{\alpha_n}: C^\infty\left(\mathbb{R}^n\right) \longrightarrow C^\infty\left(\mathbb{R}^n\right).$
cardona-qft-methods_ EQ0135	79	■1.000	`\mathcal{D}: H_{K}^{m}\left(\mathbb{R}^{n}, \mathbb{R}^{N}\right) \longrightarrow L^{2}\left( \mathbb{R}^{n}, \mathbb{R}^{N}\right), \quad \text { for } m>k .`	$\mathcal{D}: H_K^m\left(\mathbb{R}^n, \mathbb{R}^N\right) \longrightarrow L^2\left(\mathbb{R}^n, \mathbb{R}^N\right), \quad \text{for } m>k.$	$\mathcal{D}: H_K^m\left(\mathbb{R}^n, \mathbb{R}^N\right) \longrightarrow L^2\left(\mathbb{R}^n, \mathbb{R}^N\right), \quad \text{for } m>k.$
cardona-qft-methods_ EQ0162	87	■1.000	`\mathcal{D}: C^{\infty}(M, E) \longrightarrow C^{ \infty}(M, E),`	$\mathcal{D}: C^\infty(M, E) \longrightarrow C^\infty(M, E),$	$\mathcal{D}: C^\infty(M, E) \longrightarrow C^\infty(M, E),$
cardona-qft-methods_ EQ0187 (2)	93	■1.000	`\sigma_{1}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right), \quad \sigma_{2}=\left( \begin{array}{cc} 0 & -i \\ i & 0 \end{array}\right), \quad \sigma_{3}=\left(\begin{array}{cc} 1 & 0 \\ 0 & -1 \end{array}\right) .`	$\sigma_1=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right), \quad \sigma_2=\left(\begin{array}{cc} 0 & -i \\ i & 0 \end{array}\right), \quad \sigma_3=\left(\begin{array}{cc} 1 & 0 \\ 0 & -1 \end{array}\right).$	$\sigma_1=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right), \quad \sigma_2=\left(\begin{array}{cc} 0 & -i \\ i & 0 \end{array}\right), \quad \sigma_3=\left(\begin{array}{cc} 1 & 0 \\ 0 & -1 \end{array}\right).$
cardona-qft-methods_ EQ0283	137	■1.000	`\mathbb{L} \cdot\left[\left(Y_{G \backslash e} \cup Y_{G / e}\right) \backslash Y_{G \backslash e}\right],`	$\mathbb{L} \cdot\left[\left(Y_{G \backslash e} \cup Y_{G / e}\right) \backslash Y_{G \backslash e}\right],$	$\mathbb{L} \cdot\left[\left(Y_{G \backslash e} \cup Y_{G / e}\right) \backslash Y_{G \backslash e}\right],$

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cardona-qft-methods_EQ0287	138	1.000	`T(1+T)^{2} \quad, \quad(1+T)^{2} \quad, \quad T(1+T)`	$T(1+T)^{2} \quad, \quad(1+T)^{2} \quad, \quad T(1+T)$	$T(1+T)^{2} \quad, \quad(1+T)^{2} \quad, \quad T(1+T)$
cardona-qft-methods_EQ0296	143	1.000	`\mathbb{U}(G)=\left\{\begin{array}{lll} 0 & \bmod ( \mathbb{L}) & \text { if } G \text { has edges that are not looping edges } \\ (-1)^{n} & \bmod (\mathbb{L}) & \text { if } G \text { has } n \text { looping edges and no other edge. } \end{array}\right.`	$\mathbb{U}(G)=\left\{\begin{array}{lll} 0 & \bmod(\mathbb{L}) & \text{if } G \text{ has edges that are not looping edges} \\ (-1)^{n} & \bmod(\mathbb{L}) & \text{if } G \text{ has } n \text{ looping edges and no other edge.} \end{array}\right.$	$\mathbb{U}(G)=\begin{cases} 0 & \bmod (\mathbb{L}) \quad \text{if } G \text{ has edges that are not looping edges} \\ (-1)^{n} & \bmod (\mathbb{L}) \quad \text{if } G \text{ has } n \text{ looping edges and no other edge.} \end{cases}$
cardona-qft-methods_EQ0329 (16)	162	1.000	`\begin{aligned} R_{b}^{a} & =d \omega_{b}^{a}+ \omega_{c}^{a} \wedge \omega_{b}^{c} \\ & =\frac{1}{2} R_{b \mu \nu}^{a} d x^{\mu} \wedge d x^{\nu} \end{aligned}`	$\begin{aligned} R_{b}^{a} & =d \omega_{b}^{a}+ \omega_{c}^{a} \wedge \omega_{b}^{c} \\ & =\frac{1}{2} R_{b \mu \nu}^{a} d x^{\mu} \wedge d x^{\nu} \end{aligned}$	$\begin{aligned} R_{b}^{a} & =d \omega_{b}^{a}+ \omega_{c}^{a} \wedge \omega_{b}^{c} \\ & =\frac{1}{2} R_{b \mu \nu}^{a} d x^{\mu} \wedge d x^{\nu} . \end{aligned}$
cardona-qft-methods_EQ0334 (20)	163	1.000	`D R_{b}^{a}=d R_{b}^{a}+\omega_{c}^{a} \wedge R_{b}^{c}- \omega_{b}^{c} \wedge R_{c}^{a} \equiv 0 .`	$D R_{b}^{a}=d R_{b}^{a}+\omega_{c}^{a} \wedge R_{b}^{c}- \omega_{b}^{c} \wedge R_{c}^{a} \equiv 0 .$	$D R_{b}^{a}=d R_{b}^{a}+\omega_{c}^{a} \wedge R_{b}^{c}- \omega_{b}^{c} \wedge R_{c}^{a} \equiv 0 .$
cardona-qft-methods_EQ0343 (11)	167	1.000	`\begin{aligned} I_{2} & =\kappa \int_{M} \epsilon_{a b} \left[\alpha_{1} R^{a b}+\alpha_{0} e^{a} e^{b}\right] \\ & =\kappa \int_{M} \sqrt{|g|}\left(\alpha_{1} R+2 \alpha_{0}\right) d^{2} x \\ & =\kappa \alpha_{1} \cdot \mathbf{E}_{2}+2 \kappa \alpha_{0} \cdot V_{2} \end{aligned}`	$\begin{aligned} I_{2} & =\kappa \int_{M} \epsilon_{a b} \left[\alpha_{1} R^{a b}+\alpha_{0} e^{a} e^{b}\right] \\ & =\kappa \int_{M} \sqrt{\|g\|}\left(\alpha_{1} R+2 \alpha_{0}\right) d^{2} x \\ & =\kappa \alpha_{1} \cdot \mathbf{E}_{2}+2 \kappa \alpha_{0} \cdot V_{2} \end{aligned}$	$\begin{aligned} I_{2} & =\kappa \int_{M} \epsilon_{a b}[\alpha_{1} R^{a b}+\alpha_{0} e^{a} e^{b}] \\ & =\kappa \int_{M} \sqrt{\|g\|}\left(\alpha_{1} R+2 \alpha_{0}\right) d^{2} x \\ & =\kappa \alpha_{1} \cdot \mathbf{E}_{2}+2 \kappa \alpha_{0} \cdot V_{2} . \end{aligned}$
cardona-qft-methods_EQ0351 (20)	168	1.000	`\omega^{a}{ }_{b \mu}=-E_{b}^{\nu}\left(\partial_{\mu} e_{\nu}^{a}-\Gamma_{\mu \nu}^{\lambda} e_{\lambda}^{a} \right),`	$\omega^{a}{}_{b \mu}=-E_{b}^{\nu}\left(\partial_{\mu} e_{\nu}^{a}-\Gamma_{\mu \nu}^{\lambda} e_{\lambda}^{a} \right),$	$\omega^{a}{}_{b \mu}=-E_{b}^{\nu}\left(\partial_{\mu} e_{\nu}^{a}-\Gamma_{\mu \nu}^{\lambda} e_{\lambda}^{a} \right),$
cardona-qft-methods_EQ0354 (22)	170	1.000	`v_{1}=e^{a} e^{b} R_{a b}, \quad \tau_{0}=T^{a} T_{a}, \quad \mathbf{P}_{4}=R^{a b} R_{a b} .`	$v_{1}=e^{a} e^{b} R_{a b}, \quad \tau_{0}=T^{a} T_{a}, \quad \mathbf{P}_{4}=R^{a b} R_{a b} .$	$v_{1}=e^{a} e^{b} R_{a b}, \quad \tau_{0}=T^{a} T_{a}, \quad \mathbf{P}_{4}=R^{a b} R_{a b} .$
cardona-qft-methods_EQ0355 (23)	170	1.000	`\mathbf{N}_{4}=T^{a} T_{a}-e^{a} e^{b} R_{a b},`	$\mathbf{N}_{4}=T^{a} T_{a}-e^{a} e^{b} R_{a b},$	$\mathbf{N}_{4}=T^{a} T_{a}-e^{a} e^{b} R_{a b},$
cardona-qft-methods_EQ0378 (19)	177	1.000	`S O(D-1,1) \hookrightarrow I S O(D-1,1) .`	$S O(D-1,1) \hookrightarrow I S O(D-1,1) .$	$S O(D-1,1) \hookrightarrow I S O(D-1,1) .$
cardona-qft-methods_EQ0380 (21)	178	1.000	`\begin{aligned} \delta L_{4} & =2 \epsilon_{a b c d} R^{a b} e^{c} \delta e^{d} \\ & =d\left(2 \epsilon_{a b c d} R^{a b} e^{c} \lambda^{d}\right)-2 \epsilon_{a b c d} R^{a b} T^{c} \lambda^{d} \end{aligned}`	$\begin{aligned} \delta L_{4} & =2 \epsilon_{a b c d} R^{a b} e^{c} \delta e^{d} \\ & =d\left(2 \epsilon_{a b c d} R^{a b} e^{c} \lambda^{d}\right)-2 \epsilon_{a b c d} R^{a b} T^{c} \lambda^{d} \end{aligned}$	$\begin{aligned} \delta L_{4} & =2 \epsilon_{a b c d} R^{a b} e^{c} \delta e^{d} \\ & =d(2 \epsilon_{a b c d} R^{a b} e^{c} \lambda^{d})-2 \epsilon_{a b c d} R^{a b} T^{c} \lambda^{d} . \end{aligned}$
cardona-qft-methods_EQ0388	179	1.000	`d\left(\delta L_{3}^{A d S}\right)=0,`	$d\left(\delta L_{3}^{A d S}\right)=0,$	$d\left(\delta L_{3}^{A d S}\right)=0,$
cardona-qft-methods_EQ0414 (45)	188	1.000	`\bar{\Lambda}(x)-\Lambda(x)=0, \quad \text { for } \quad x \in \partial M .`	$\bar{\Lambda}(x)-\Lambda(x)=0, \quad \text{for} \quad x \in \partial M .$	$\bar{\Lambda}(x)-\Lambda(x)=0, \quad \text{for} \quad x \in \partial M .$
cardona-qft-methods_EQ0443	211	1.000	`D(Y)=\left(\begin{array}{cc} S & T^{*} \\ T & \bar{S} \end{array}\right) \quad \text { with } \quad S=S_{1} \oplus\left(S_{3} \otimes 1_{3}\right)`	$D(Y)=\left(\begin{array}{cc} S & T^{*} \\ T & \bar{S} \end{array}\right) \quad \text{with} \quad S=S_{1} \oplus\left(S_{3} \otimes 1_{3}\right)$	$D(Y)=\left(\begin{array}{cc} S & T^{*} \\ T & \bar{S} \end{array}\right) \quad \text{with} \quad S=S_{1} \oplus\left(S_{3} \otimes 1_{3}\right),$

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cardona-qft-methods_EQ0444	211	■1.000	`S_{1}=\left(\begin{array}{cccc} 0 & 0 & Y_{(\uparrow 1)}^{*} & 0 \\ 0 & 0 & 0 & Y_{(\downarrow 1)}^{*} \\ Y_{(\uparrow 1)} & 0 & 0 & 0 \\ 0 & Y_{(\downarrow 1)} & 0 & 0 \end{array}\right)`	$S_1 = \left(\begin{array}{cccc} 0 & 0 & Y_{(\uparrow 1)}^{*} & 0 \\ 0 & 0 & 0 & Y_{(\downarrow 1)}^{*} \\ Y_{(\uparrow 1)} & 0 & 0 & 0 \\ 0 & Y_{(\downarrow 1)} & 0 & 0 \end{array}\right)$	$S_1 = \left(\begin{array}{cccc} 0 & 0 & Y_{(\uparrow 1)}^{*} & 0 \\ 0 & 0 & 0 & Y_{(\downarrow 1)}^{*} \\ Y_{(\uparrow 1)} & 0 & 0 & 0 \\ 0 & Y_{(\downarrow 1)} & 0 & 0 \end{array}\right)$
cardona-qft-methods_EQ0514 (7)	230	■1.000	`M_{P}^{2}(\Lambda)=M_{P}^{2}+2 \rho_{0} \Lambda^{2},`	$M_P^2(\Lambda) = M_P^2 + 2\rho_0\Lambda^2,$	$M_P^2(\Lambda) = M_P^2 + 2\rho_0\Lambda^2,$
cardona-qft-methods_EQ0547 (17)	244	■1.000	`(\mathrm{Id} \otimes \epsilon) \Delta=\mathrm{Id}=(\epsilon \otimes \mathrm{Id}) \Delta .`	$(\mathrm{Id} \otimes \epsilon)\Delta = \mathrm{Id} = (\epsilon \otimes \mathrm{Id})\Delta.$	$(\mathrm{Id} \otimes \epsilon)\Delta = \mathrm{Id} = (\epsilon \otimes \mathrm{Id})\Delta.$
cardona-qft-methods_EQ0568 (2)	248	■1.000	`\widetilde{R}(\omega)=\int_{-\infty}^{\infty} d t e^{i \omega t} R(t)=\int_{0}^{\infty} e^{i \omega t} R(t)`	$\widetilde{R}(\omega) = \int_{-\infty}^{\infty} dt e^{i\omega t} R(t) = \int_{0}^{\infty} e^{i\omega t} R(t)$	$\widetilde{R}(\omega) = \int_{-\infty}^{\infty} dt e^{i\omega t} R(t) = \int_{0}^{\infty} e^{i\omega t} R(t)$
cardona-qft-methods_EQ0573 (8)	249	■1.000	`f * g(x)=f e^{\frac{i}{2} \vec{\partial}_{\mu} \theta^{\mu N} \vec{\partial}_{\nu}} g`	$f * g(x) = f e^{\frac{i}{2} \vec{\partial}_{\mu} \theta^{\mu N} \vec{\partial}_{\nu}} g$	$f * g(x) = f e^{\frac{i}{2} \vec{\partial}_{\mu} \theta^{\mu N} \vec{\partial}_{\nu}} g$
cardona-qft-methods_EQ0621 (29)	256	■1.000	`m_{\theta}(\alpha \otimes \beta)=m_{0} \mathcal{F}_{\theta}(\alpha \otimes \beta) \quad \alpha, \beta \in \mathcal{A}_{\theta}\left(M^{d+1}\right), \quad \mathcal{F}_{\theta}=e^{\frac{i}{2} \theta_{\mu \nu} \partial_{\mu} \otimes \partial \nu},`	$m_\theta(\alpha \otimes \beta) = m_0 \mathcal{F}_\theta(\alpha \otimes \beta) \quad \alpha, \beta \in \mathcal{A}_\theta\left(M^{d+1}\right), \quad \mathcal{F}_\theta = e^{\frac{i}{2} \theta_{\mu\nu} \partial_\mu \otimes \partial \nu},$	$m_\theta(\alpha \otimes \beta) = m_0 \mathcal{F}_\theta(\alpha \otimes \beta) \quad \alpha, \beta \in \mathcal{A}_\theta(M^{d+1}), \quad \mathcal{F}_\theta = e^{\frac{i}{2} \theta_{\mu\nu} \partial_\mu \otimes \partial \nu},$
cardona-qft-methods_EQ0634	258	■1.000	`\begin{array}{r} \int \prod_{i} d \mu\left(p_{i}\right) U_{\theta}(\Lambda) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}|0\rangle \exp ^{\frac{i}{2}\left(\Lambda p_{1}\right)} \wedge\left(\Lambda p_{2}\right) \exp ^{\frac{i}{2}\left(p_{1}\right) \wedge\left(p_{2}\right)} e_{\Lambda p_{1}} \otimes e_{\Lambda p_{2}}= \\ \int \prod_{i} d \mu\left(p_{i}\right) U_{\theta}(\Lambda) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}|0\rangle e_{\Lambda p_{1}} \otimes e_{\Lambda p_{2}} \end{array}`	$\begin{array}{r} \int \prod_{i} d \mu\left(p_{i}\right) U_{\theta}(\Lambda) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle \exp ^{\frac{i}{2}\left(\Lambda p_{1}\right)} \wedge\left(\Lambda p_{2}\right) \exp ^{\frac{i}{2}\left(p_{1}\right) \wedge\left(p_{2}\right)} e_{\Lambda p_{1}} \otimes e_{\Lambda p_{2}}= \\ \int \prod_{i} d \mu\left(p_{i}\right) U_{\theta}(\Lambda) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e_{\Lambda p_{1}} \otimes e_{\Lambda p_{2}} \end{array}$	$\begin{array}{r} \int \prod_{i} d \mu\left(p_{i}\right) U_{\theta}(\Lambda) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle \exp ^{\frac{i}{2}\left(\Lambda p_{1}\right)} \wedge\left(\Lambda p_{2}\right) \exp ^{\frac{i}{2}\left(p_{1}\right) \wedge\left(p_{2}\right)} e_{\Lambda p_{1}} \otimes e_{\Lambda p_{2}}= \\ \int \prod_{i} d \mu\left(p_{i}\right) U_{\theta}(\Lambda) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e_{\Lambda p_{1}} \otimes e_{\Lambda p_{2}} \end{array}$
cardona-qft-methods_EQ0643 (51)	259	■1.000	`\begin{aligned} e_{p_{1}} \otimes_{S_{\theta}} e_{p_{2}} & =\frac{1}{2}\left[e_{p_{1}} \otimes e_{p_{2}}+ \mathcal{F}_{\theta}^{-2} e_{p_{2}} \otimes e_{p_{1}} \right] \\ & =\frac{1}{2}\left[e_{p_{1}} \otimes e_{p_{2}}+e^{i p_{2} \wedge p_{1}} e_{p_{2}} \otimes e_{p_{1}}\right] \\ & =e^{i p_{2} \wedge p_{1}} e_{p_{2}} \otimes e_{p_{1}} . \end{aligned}`	$\begin{aligned} e_{p_1} \otimes_{S_\theta} e_{p_2} &= \frac{1}{2}\left[e_{p_1} \otimes e_{p_2} + \mathcal{F}_\theta^{-2} e_{p_2} \otimes e_{p_1}\right] \\ &= \frac{1}{2}\left[e_{p_1} \otimes e_{p_2} + e^{ip_2 \wedge p_1} e_{p_2} \otimes e_{p_1}\right] \\ &= e^{ip_2 \wedge p_1} e_{p_2} \otimes e_{p_1}. \end{aligned}$	$\begin{aligned} e_{p_1} \otimes_{S_\theta} e_{p_2} &= \frac{1}{2}[e_{p_1} \otimes e_{p_2} + \mathcal{F}_\theta^{-2} e_{p_2} \otimes e_{p_1}] \\ &= \frac{1}{2}[e_{p_1} \otimes e_{p_2} + e^{ip_2 \wedge p_1} e_{p_2} \otimes e_{p_1}] \\ &= e^{ip_2 \wedge p_1} e_{p_2} \otimes e_{p_1}. \end{aligned}$
cardona-qft-methods_EQ0646 (53)	260	■1.000	`a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}=e^{i p_{1} \wedge p_{2}} a_{p_{2}}^{\dagger} a_{p_{1}}^{\dagger} .`	$a_{p_1}^\dagger a_{p_2}^\dagger = e^{ip_1 \wedge p_2} a_{p_2}^\dagger a_{p_1}^\dagger.$	$a_{p_1}^\dagger a_{p_2}^\dagger = e^{ip_1 \wedge p_2} a_{p_2}^\dagger a_{p_1}^\dagger.$
cardona-qft-methods_EQ0660 (10)	262	■1.000	`\left[H_{I}(x), H_{I}(y)\right]=0,`	$[H_I(x), H_I(y)] = 0,$	$[H_I(x), H_I(y)] = 0,$
cardona-qft-methods_EQ0684	269	■1.000	`S^{+}=\frac{1}{2} \sigma^{+}=\left(\begin{array}{ll} 0 & 1 \\ 0 & 0 \end{array}\right), \quad S^{-}=\frac{1}{2} \sigma^{-}=\left(\begin{array}{ll} 0 & 0 \\ 1 & 0 \end{array}\right),`	$S^+ = \frac{1}{2}\sigma^+ = \left(\begin{array}{ll} 0 & 1 \\ 0 & 0 \end{array}\right), \quad S^- = \frac{1}{2}\sigma^- = \left(\begin{array}{ll} 0 & 0 \\ 1 & 0 \end{array}\right),$	$S^+ = \frac{1}{2}\sigma^+ = \left(\begin{array}{ll} 0 & 1 \\ 0 & 0 \end{array}\right), \quad S^- = \frac{1}{2}\sigma^- = \left(\begin{array}{ll} 0 & 0 \\ 1 & 0 \end{array}\right),$

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cardona-qft-methods_EQ0695 (10)	271	■1.000	`\begin{aligned} \hat{H} & =\sum_{l=1}^{L}\left(1-\vec{\sigma}_{l} \cdot \vec{\sigma}_{l+1}\right) \\ & = \sum_{l=1}^{L}\left(1-\sigma_{l}^{3} \sigma_{l+1}^{3}-\frac{1}{2} \sigma_{l}^{+} \sigma_{l+1}^{-}-\frac{1}{2} \sigma_{l}^{-} \sigma_{l+1}^{+}\right) \\ & =2 \sum_{l=1}^{L}\left(\mathbb{I}_{l, l+1}-\mathbb{P}_{l, l+1}\right) . \end{aligned}`	$\begin{aligned} \hat{H} & =\sum_{l=1}^{L}\left(1-\vec{\sigma}_{l} \cdot \vec{\sigma}_{l+1}\right) \\ & = \sum_{l=1}^{L}\left(1-\sigma_{l}^{3} \sigma_{l+1}^{3}-\frac{1}{2} \sigma_{l}^{+} \sigma_{l+1}^{-}-\frac{1}{2} \sigma_{l}^{-} \sigma_{l+1}^{+}\right) \\ & =2 \sum_{l=1}^{L}\left(\mathbb{I}_{l, l+1}-\mathbb{P}_{l, l+1}\right) . \end{aligned}$	$\begin{aligned} \hat{H} & =\sum_{l=1}^{L}\left(1-\vec{\sigma}_{l} \cdot \vec{\sigma}_{l+1}\right) \\ & = \sum_{l=1}^{L}\left(1-\sigma_{l}^{3} \sigma_{l+1}^{3}-\frac{1}{2} \sigma_{l}^{+} \sigma_{l+1}^{-}-\frac{1}{2} \sigma_{l}^{-} \sigma_{l+1}^{+}\right) \\ & =2 \sum_{l=1}^{L}\left(\mathbb{I}_{l, l+1}-\mathbb{P}_{l, l+1}\right) . \end{aligned}$
cardona-qft-methods_EQ0718	275	■1.000	`R_{a, b}\left(u-u^{\prime}\right) M_{a}(u) M_{b}\left(u^{\prime}\right)=M_{b}\left(u^{\prime}\right) M_{a}(u) R_{a, b}\left(u-u^{\prime}\right) .`	$R_{a, b}\left(u-u^{\prime}\right) M_{a}(u) M_{b}\left(u^{\prime}\right)=M_{b}\left(u^{\prime}\right) M_{a}(u) R_{a, b}\left(u-u^{\prime}\right) .$	$R_{a, b}\left(u-u^{\prime}\right) M_{a}(u) M_{b}\left(u^{\prime}\right)=M_{b}\left(u^{\prime}\right) M_{a}(u) R_{a, b}\left(u-u^{\prime}\right) .$
cardona-qft-methods_EQ0766 (7)	293	■1.000	`T^{\alpha \beta} \equiv-\frac{2 \pi}{\sqrt{\gamma}} \frac{\delta S}{\delta \gamma_{\alpha \beta}}=-\frac{1}{\alpha^{\prime}}\left(\partial^{\alpha} X^{M} \partial^{\beta} X_{M}-\frac{1}{2} \gamma^{\alpha \beta} \gamma_{\lambda \rho} \partial^{\lambda} X^{M} \partial^{\rho} X_{M}\right)=0 .`	$T^{\alpha \beta} \equiv-\frac{2 \pi}{\sqrt{\gamma}} \frac{\delta S}{\delta \gamma_{\alpha \beta}}=-\frac{1}{\alpha^{\prime}}\left(\partial^{\alpha} X^{M} \partial^{\beta} X_{M}-\frac{1}{2} \gamma^{\alpha \beta} \gamma_{\lambda \rho} \partial^{\lambda} X^{M} \partial^{\rho} X_{M}\right)=0 .$	$T^{\alpha \beta} \equiv-\frac{2 \pi}{\sqrt{\gamma}} \frac{\delta S}{\delta \gamma_{\alpha \beta}}=-\frac{1}{\alpha^{\prime}}\left(\partial^{\alpha} X^{M} \partial^{\beta} X_{M}-\frac{1}{2} \gamma^{\alpha \beta} \gamma_{\lambda \rho} \partial^{\lambda} X^{M} \partial^{\rho} X_{M}\right)=0 .$
cardona-qft-methods_EQ0775 (16)	295	■1.000	`\begin{aligned} Z & =\int \mathcal{D} X \mathcal{D} \gamma e^{-S} \\ & =\int \mathcal{D} X \mathcal{D} \gamma e^{-S_{0}}\left(1+\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} h_{M N} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}+\cdots\right) \end{aligned}`	$\begin{aligned} Z & =\int \mathcal{D} X \mathcal{D} \gamma e^{-S} \\ & =\int \mathcal{D} X \mathcal{D} \gamma e^{-S_{0}}\left(1+\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} h_{M N} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}+\cdots\right) \end{aligned}$	$\begin{aligned} Z & =\int \mathcal{D} X \mathcal{D} \gamma e^{-S} \\ & =\int \mathcal{D} X \mathcal{D} \gamma e^{-S_{0}}\left(1+\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} h_{M N} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}+\cdots\right) \end{aligned}$ (16
cardona-qft-methods_EQ0780 (21)	297	■1.000	`\begin{aligned} \mathrm{S}= & \frac{1}{2 \kappa_{0}^{2}} \int \mathrm{~d}^{D} X(-G)^{1 / 2} e^{-2 \Phi}\left[R+4 \nabla_{M} \Phi \nabla^{M} \Phi-\frac{1}{12} H_{M N P} H^{M N P}\right. \\ & \left.-\frac{2(D-26)}{3 \alpha^{\prime}}+O\left(\alpha^{\prime}\right)\right] \end{aligned}`	$\begin{aligned} \mathrm{S}= & \frac{1}{2 \kappa_{0}^{2}} \int \mathrm{~d}^{D} X(-G)^{1 / 2} e^{-2 \Phi}\left[R+4 \nabla_{M} \Phi \nabla^{M} \Phi-\frac{1}{12} H_{M N P} H^{M N P}\right. \\ & \left.-\frac{2(D-26)}{3 \alpha^{\prime}}+O\left(\alpha^{\prime}\right)\right] \end{aligned}$	$\begin{aligned} \mathrm{S}= & \frac{1}{2 \kappa_{0}^{2}} \int \mathrm{~d}^{D} X(-G)^{1 / 2} e^{-2 \Phi}\left[R+4 \nabla_{M} \Phi \nabla^{M} \Phi-\frac{1}{12} H_{M N P} H^{M N P}\right. \\ & \left.-\frac{2(D-26)}{3 \alpha^{\prime}}+O\left(\alpha^{\prime}\right)\right] \end{aligned}$ (
cardona-qft-methods_EQ0819 (19)	310	■1.000	`\begin{aligned} & \Phi_{-}=-\frac{\mathrm{i}}{8} \Omega \leftrightarrow \mathcal{J}_{1} \\ & \Phi_{+}=\frac{1}{8} e^{-\mathrm{i} J} \leftrightarrow \mathcal{J}_{2} \end{aligned}`	$\begin{aligned} & \Phi_{-}=-\frac{\mathrm{i}}{8} \Omega \leftrightarrow \mathcal{J}_{1} \\ & \Phi_{+}=\frac{1}{8} e^{-\mathrm{i} J} \leftrightarrow \mathcal{J}_{2} \end{aligned}$	$\begin{aligned} & \Phi_{-}=-\frac{\mathrm{i}}{8} \Omega \leftrightarrow \mathcal{J}_{1} \\ & \Phi_{+}=\frac{1}{8} e^{-\mathrm{i} J} \leftrightarrow \mathcal{J}_{2} \end{aligned}$
cardona-qft-methods_EQ0851	330	■1.000	`[d f, d g]:=d\{f, g\}, \forall f, g \in \mathcal{C}^{\infty}(M),`	$[df, dg]:=d\{f, g\}, \forall f, g \in \mathcal{C}^{\infty}(M),$	$[df, dg]:=d\{f, g\}, \forall f, g \in \mathcal{C}^{\infty}(M),$
cardona-qft-methods_EQ0863	334	■1.000	`L_{3} \circ\left(L_{1} \times L_{1}\right)=L_{1} .`	$L_{3} \circ\left(L_{1} \times L_{1}\right)=L_{1} .$	$L_{3} \circ\left(L_{1} \times L_{1}\right)=L_{1} .$
cardona-qft-methods_EQ0947 (7)	359	■1.000	`[X]-[X \cap Y]=[X \backslash(X \cap Y)]=[(X \cup Y) \backslash Y]=[X \cup Y]-[Y],`	$[X]-[X \cap Y]=[X \backslash(X \cap Y)]=[(X \cup Y) \backslash Y]=[X \cup Y]-[Y],$	$[X]-[X \cap Y]=[X \backslash(X \cap Y)]=[(X \cup Y) \backslash Y]=[X \cup Y]-[Y],$

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cardona-qft-methods_EQ0992	372	1.000	`\mathcal{S}=\text { the multiplicative set generated by } \left\{: 1+E^{\dagger} E \mid E \in \mathcal{E}:\right\}`	$\mathcal{S}=$ the multiplicative set generated by $\left\{: 1+E^{\dagger} E \mid E \in \mathcal{E}:\right\}$	$\mathcal{S}=$ the multiplicative set generated by $\left\{: 1+E^{\dagger} E \mid E \in \mathcal{E}:\right\}$
cardona-qft-methods_EQ0001	18	1.000	`\left|\partial_{x}^{\alpha} \partial_{\xi}^{\beta}\left( \sigma-\sum_{j<N} \sigma_{m-j}\right)(x, \xi)\right| \leq C_{N \alpha \beta}(x)|\xi|^{\Re(m)-N-|\beta|}`	$\left\|\partial_x^\alpha \partial_\xi^\beta\left(\sigma-\sum_{j<N} \sigma_{m-j}\right)(x, \xi)\right\| \leq C_{N \alpha \beta}(x)\|\xi\|^{\Re(m)-N-\|\beta\|}$	$\|\partial_x^\alpha \partial_\xi^\beta\left(\sigma-\sum_{j<N} \sigma_{m-j}\right)(x, \xi)\| \leq C_{N \alpha \beta}(x)\|\xi\|^{\Re(m)-N-\|\beta\|}$
cardona-qft-methods_EQ0003 (1)	18	1.000	`\sigma(\cdot, D)(u)(x)=\sigma(x, D)(u)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} \sigma(x, \xi) \widehat{u}(\xi) e^{i x \cdot \xi} d \xi`	$\sigma(\cdot, D)(u)(x)=\sigma(x, D)(u)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} \sigma(x, \xi) \widehat{u}(\xi) e^{i x \cdot \xi} d \xi$	$\sigma(\cdot, D)(u)(x)=\sigma(x, D)(u)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} \sigma(x, \xi) \widehat{u}(\xi) e^{i x \cdot \xi} d \xi$
cardona-qft-methods_EQ0004	18	1.000	`k^{\sigma(x, D)}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{ \mathbb{R}^{d}} \sigma(x, \xi) e^{i(x-y) \cdot \xi} d \xi=\check{\sigma}_{\xi \rightarrow y}(x, x-y)`	$k^{\sigma(x, D)}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} \sigma(x, \xi) e^{i(x-y) \cdot \xi} d \xi=\check{\sigma}_{\xi \rightarrow y}(x, x-y)$	$k^{\sigma(x, D)}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} \sigma(x, \xi) e^{i(x-y) \cdot \xi} d \xi=\check{\sigma}_{\xi \rightarrow y}(x, x-y)$
cardona-qft-methods_EQ0005 (2)	18	1.000	`k^{a}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} a(x, y, \xi) e^{i(x-y) \cdot \xi} d \xi`	$k^{a}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} a(x, y, \xi) e^{i(x-y) \cdot \xi} d \xi$	$k^{a}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} a(x, y, \xi) e^{i(x-y) \cdot \xi} d \xi.$
cardona-qft-methods_EQ0007	19	1.000	`\sigma^{A} \simeq \sum_{\alpha} \frac{(-i)^{\alpha}}{ \alpha!} \partial_{\xi}^{\alpha} \partial_{y}^{\alpha} k_{\sigma}^{A}(x, y, \xi)_{\mid y=x}`	$\sigma^{A} \simeq \sum_{\alpha} \frac{(-i)^{\alpha}}{ \alpha!} \partial_{\xi}^{\alpha} \partial_{y}^{\alpha} k_{\sigma}^{A}(x, y, \xi)_{\mid y=x}$	$\sigma^{A} \simeq \sum_{\alpha} \frac{(-i)^{\alpha}}{ \alpha!} \partial_{\xi}^{\alpha} \partial_{y}^{\alpha} k_{\sigma}^{A}(x, y, \xi)_{\mid y=x}$
cardona-qft-methods_EQ0008	19	1.000	`k_{\sigma}^{A}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{ \mathbb{R}^{d}} e^{i(x-y) \cdot \xi} k^{A}(x, y, \xi) d \xi`	$k_{\sigma}^{A}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} e^{i(x-y) \cdot \xi} k^{A}(x, y, \xi) d \xi$	$k_{\sigma}^{A}(x, y)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{R}^{d}} e^{i(x-y) \cdot \xi} k^{A}(x, y, \xi) d \xi,$
cardona-qft-methods_EQ0009	19	1.000	`\sigma^{P_{1} P_{2}}(x, \xi) \simeq \sum_{\alpha \in \mathbb{N}^{d}} \frac{(-i)^{\alpha}}{\alpha!} \partial_{ \xi}^{\alpha} \sigma^{P_{1}}(x, \xi) \partial_{x}^{ \alpha} \sigma^{P_{2}}(x, \xi) .`	$\sigma^{P_{1} P_{2}}(x, \xi) \simeq \sum_{\alpha \in \mathbb{N}^{d}} \frac{(-i)^{\alpha}}{\alpha!} \partial_{\xi}^{\alpha} \sigma^{P_{1}}(x, \xi) \partial_{x}^{\alpha} \sigma^{P_{2}}(x, \xi).$	$\sigma^{P_{1} P_{2}}(x, \xi) \simeq \sum_{\alpha \in \mathbb{N}^{d}} \frac{(-i)^{\alpha}}{\alpha!} \partial_{\xi}^{\alpha} \sigma^{P_{1}}(x, \xi) \partial_{x}^{\alpha} \sigma^{P_{2}}(x, \xi).$
cardona-qft-methods_EQ0011	20	1.000	`\sigma_{m}^{\phi_{*} P}(x, \xi)=\sigma_{m}^{P}\left( \phi^{-1}(x),(d \phi)^{t} \xi\right) .`	$\sigma_{m}^{\phi_{*} P}(x, \xi)=\sigma_{m}^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right) .$	$\sigma_{m}^{\phi_{*} P}(x, \xi)=\sigma_{m}^{P}\left(\phi^{-1}(x),(d \phi)^{t} \xi\right).$
cardona-qft-methods_EQ0013 (3)	21	1.000	`\sigma_{-m}^{P}(x, \xi)=\lim _{t \rightarrow \infty} t^{-m}\left(e^{-i t h} \cdot P \cdot e^{i t h}\right)(x) \text { for } x \in M, \xi \in T_{x}^{*} M`	$\sigma_{-m}^{P}(x, \xi)=\lim_{t \rightarrow \infty} t^{-m}\left(e^{-i t h} \cdot P \cdot e^{i t h}\right)(x) \text{ for } x \in M, \xi \in T_{x}^{*} M$	$\sigma_{-m}^{P}(x, \xi)=\lim_{t \rightarrow \infty} t^{-m}\left(e^{-i t h} \cdot P \cdot e^{i t h}\right)(x) \text{ for } x \in M, \xi \in T_{x}^{*} M$
cardona-qft-methods_EQ0014	22	1.000	`k^{P}(x, y)=\sum_{-(m+d) \leq j \leq 0} a_{j}(x, x-y)-c_{P}(x) \log |x-y|+\mathcal{O}(1)`	$k^{P}(x, y)=\sum_{-(m+d) \leq j \leq 0} a_{j}(x, x-y)-c_{P}(x) \log \|x-y\|+\mathcal{O}(1)$	$k^{P}(x, y)=\sum_{-(m+d) \leq j \leq 0} a_{j}(x, x-y)-c_{P}(x) \log \|x-y\|+\mathcal{O}(1)$
cardona-qft-methods_EQ0015 (4)	22	1.000	`c_{P}(x)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{S}^{d-1}} \sigma_{-d}^{P}(x, \xi) d \xi`	$c_{P}(x)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{S}^{d-1}} \sigma_{-d}^{P}(x, \xi) d \xi$	$c_{P}(x)=\frac{1}{(2 \pi)^{d}} \int_{\mathbb{S}^{d-1}} \sigma_{-d}^{P}(x, \xi) d \xi.$
cardona-qft-methods_EQ0016	22	1.000	`\operatorname{tr}\left(k^{P}(x, y)\right)= \sum_{j=-(m+d)}^{0} a_{j}(x, x-y)-c_{P}(x) \log |x-y|+ \mathcal{O}(1),`	$\operatorname{tr}\left(k^{P}(x, y)\right)=\sum_{j=-(m+d)}^{0} a_{j}(x, x-y)-c_{P}(x) \log \|x-y\|+\mathcal{O}(1),$	$tr\left(k^{P}(x, y)\right)=\sum_{j=-(m+d)}^{0} a_{j}(x, x-y)-c_{P}(x) \log \|x-y\|+\mathcal{O}(1),$
cardona-qft-methods_EQ0018 (6)	22	1.000	`c_{\phi_{*} P}(x)=\phi_{*}\left(c_{p}(x)\right) .`	$c_{\phi_{*} P}(x)=\phi_{*}\left(c_{p}(x)\right) .$	$c_{\phi_{*} P}(x)=\phi_{*}\left(c_{p}(x)\right).$
cardona-qft-methods_EQ0020 (8)	24	1.000	`\text { WRes } P=-\int_{M} c_{P}(x)|d x|`	$\text{WRes } P=-\int_{M} c_{P}(x)\|dx\|$	$WRes\ P=-\int_{M} c_{P}(x)\|dx\|$

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cardona-qft-methods_EQ0021	25	■1.000	`\begin{aligned} \operatorname{Tr}(\phi P) & =\int_{U} \phi(x) k^{P}(x, x)|d x|=\frac{1}{(2 \pi)^{d}} \int_{U} \phi(x) \sigma(x, \xi) d \xi|d x| \\ & =\int_{U} \phi(x) L(\sigma(x, \cdot))|d x| \end{aligned}`	$\operatorname{Tr}(\phi P) = \int_U \phi(x) k^P(x,x)\|dx\| = \frac{1}{(2\pi)^d}\int_U \phi(x)\sigma(x,\xi)d\xi\|dx\| = \int_U \phi(x) L(\sigma(x,\cdot))\|dx\|$	$\operatorname{Tr}(\phi\, P) = \int_U \phi(x)\, k^P(x,x)\,\|dx\| = \frac{1}{(2\pi)^d}\int_U \phi(x)\,\sigma(x,\xi)\,d\xi\,\|dx\| = \int_U \phi(x)\, L(\sigma(x,\cdot))\,\|dx\|,$
cardona-qft-methods_EQ0023 (9)	26	■1.000	`\text { if } \phi \in \operatorname{Diff}(M), W \operatorname{Res}(P)=W \operatorname{Res}\left(\phi_{*} P\right)`	$\text{ if } \phi \in \operatorname{Diff}(M), W \operatorname{Res}(P)=W \operatorname{Res}\left(\phi_{*} P\right)$	$\text{ if } \phi \in \operatorname{Diff}(M), WRes(P) = WRes(\phi_* P)$
cardona-qft-methods_EQ0024	26	■1.000	`\left[x^{j}, \sigma\right]=i \partial_{\xi_{j}} \sigma, \quad\left[\xi_{j}, \sigma\right]=-i \partial_{x^{j}} \sigma .`	$\left[x^{j}, \sigma\right]=i \partial_{\xi_{j}} \sigma, \quad\left[\xi_{j}, \sigma\right]=-i \partial_{x^{j}} \sigma .$	$\left[x^{j}, \sigma\right]=i \partial_{\xi_{j}} \sigma, \quad\left[\xi_{j}, \sigma\right]=-i \partial_{x^{j}} \sigma .$
cardona-qft-methods_EQ0025	26	■1.000	`\sigma_{-d}^{P}=\sum_{k=1}^{d} \partial_{\xi_{k}}^{2} \tilde{h}=-i \sum_{k=1}^{d}\left[\partial_{\xi_{k}} \tilde{h}, x^{k}\right]`	$\sigma_{-d}^{P}=\sum_{k=1}^{d} \partial_{\xi_{k}}^{2} \tilde{h}=-i \sum_{k=1}^{d}\left[\partial_{\xi_{k}} \tilde{h}, x^{k}\right]$	$\sigma_{-d}^{P}=\sum_{k=1}^{d} \partial_{\xi_{k}}^{2} \tilde{h}=-i \sum_{k=1}^{d}[\partial_{\xi_{k}} \tilde{h},\, x^{k}]$
cardona-qft-methods_EQ0030	28	■1.000	`\begin{aligned} & \mu_{n}(T)=\mu_{n}\left(T^{*}\right)= \mu_{n}(|T|) . \\ & T \in \mathcal{L}^{1}(\mathcal{H}) \left(\text { meaning }\\|T\\|_{1}=\operatorname{Tr}(|T|)< \infty\right) \Longleftrightarrow \sum_{n \in \mathbb{N}} \mu_{n}(T)<\infty . \\ & \mu_{n}(A T B) \leq\\|A\\| \mu_{n}(T)\\|B\\| \text { when } A, B \in \mathcal{B}(\mathcal{H}) . \\ & \mu_{N}\left(U T U^{*}\right)= \mu_{N}(T) \text { when } U \text { is a unitary. } \end{aligned}`	$\mu_n(T) = \mu_n(T^*) = \mu_n(\|T\|).$ $T \in \mathcal{L}^1(\mathcal{H})$ (meaning $\|T\|_1 = \operatorname{Tr}(\|T\|) < \infty) \Longleftrightarrow \sum_{n\in\mathbb{N}} \mu_n(T) < \infty.$ $\mu_n(ATB) \le \|A\|\mu_n(T)\|B\|$ when $A, B \in \mathcal{B}(\mathcal{H})$. $\mu_N(UTU^*) = \mu_N(T)$ when U is a unitary.	$\mu_n(T) = \mu_n(T^*) = \mu_n(\|T\|).$ $T \in \mathcal{L}^1(\mathcal{H})$ (meaning $\|T\|_1 = \operatorname{Tr}(\|T\|) < \infty) \Longleftrightarrow \sum_{n\in\mathbb{N}} \mu_n(T) < \infty.$ $\mu_n(A\ T\ B) \le \|A\|\ \mu_n(T)\ \|B\|$ when $A, B \in \mathcal{B}(\mathcal{H})$. $\mu_N(U\,T\,U^*) = \mu_N(T)$ when U is a unitary.
cardona-qft-methods_EQ0032	29	■1.000	`\sigma_{N}(T)=\inf \left\{\\|x\\|_{1}+N\\|y\\| \mid T=x+y \text { with } x \in \mathcal{L}^{1}(\mathcal{H}), y \in \mathcal{K}(\mathcal{H})\right\} .`	$\sigma_N(T) = \inf\left\{\|x\|_1 + N\|y\| \mid T = x+y \text{ with } x \in \mathcal{L}^1(\mathcal{H}), y \in \mathcal{K}(\mathcal{H})\right\}.$	$\sigma_N(T) = \inf\left\{\|x\|_1 + N\,\|y\| \mid T = x+y \text{ with } x \in \mathcal{L}^1(\mathcal{H}),\, y \in \mathcal{K}(\mathcal{H})\right\}.$
cardona-qft-methods_EQ0033	29	■1.000	`\sigma_{\lambda}(T)=\inf \left\{\\|x\\|_{1}+\lambda\\|y \\| \mid T=x+y \text { with } x \in \mathcal{L}^{1}( \mathcal{H}), y \in \mathcal{K}(\mathcal{H})\right\} .`	$\sigma_\lambda(T) = \inf\left\{\|x\|_1 + \lambda\|y\| \mid T = x+y \text{ with } x \in \mathcal{L}^1(\mathcal{H}), y \in \mathcal{K}(\mathcal{H})\right\}.$	$\sigma_\lambda(T) = \inf\left\{\|x\|_1 + \lambda\|y\| \mid T = x+y \text{ with } x \in \mathcal{L}^1(\mathcal{H}),\, y \in \mathcal{K}(\mathcal{H})\right\}.$
cardona-qft-methods_EQ0034	29	■1.000	`\mathcal{L}^{1, \infty}=\left\{T \in \mathcal{K}( \mathcal{H}) \left\lvert\,\\|T\\|_{1, \infty}=\sup _{ \lambda \geq e} \frac{\sigma_{\lambda}(T)}{\log \lambda}< \infty\right.\right\} .`	$\mathcal{L}^{1,\infty} = \left\{T \in \mathcal{K}(\mathcal{H}) \,\middle\vert\, \|T\|_{1,\infty} = \sup_{\lambda\ge e} \frac{\sigma_\lambda(T)}{\log\lambda} < \infty\right\}.$	$\mathcal{L}^{1,\infty} = \left\{T \in \mathcal{K}(\mathcal{H}) \mid \|T\|_{1,\infty} = \sup_{\lambda\ge e} \frac{\sigma_\lambda(T)}{\log\,\lambda} < \infty\right\}.$
cardona-qft-methods_EQ0036	29	■1.000	`\mathcal{L}^{1,+}=\left\{T \in \mathcal{K}(\mathcal{H}) \left\lvert\,\\|T\\|_{1,+}=\sup _{N \geq 2} \frac{ \sigma_{N}(T)}{\log (N)}<\infty\right.\right\} .`	$\mathcal{L}^{1,+} = \left\{T \in \mathcal{K}(\mathcal{H}) \,\middle\vert\, \|T\|_{1,+} = \sup_{N\ge 2} \frac{\sigma_N(T)}{\log(N)} < \infty\right\}.$	$\mathcal{L}^{1,+} = \left\{T \in \mathcal{K}(\mathcal{H}) \mid \|T\|_{1,+} = \sup_{N\ge 2} \frac{\sigma_N(T)}{\log(N)} < \infty\right\}.$
cardona-qft-methods_EQ0038	29	■1.000	`\left|\tau_{\lambda}\left(T_{1}+T_{2}\right)-\tau_{ \lambda}\left(T_{1}\right)-\tau_{\lambda}\left(T_{2} \right)\right| \leq\left(\frac{\log 2(2+\log \log \lambda)}{\log \lambda}\right)\left|T_{1}+T_{2}\right \\|_{1, \infty},`	$\left\|\tau_\lambda(T_1+T_2) - \tau_\lambda(T_1) - \tau_\lambda(T_2)\right\| \le \left(\frac{\log 2(2+\log\log\lambda)}{\log\lambda}\right)\|T_1+T_2\|_{1,\infty},$	$\left\|\tau_\lambda(T_1+T_2) - \tau_\lambda(T_1) - \tau_\lambda(T_2)\right\| \le \left(\frac{\log\,2(2+\log\,\log\,\lambda)}{\log\,\lambda}\right)\|T_1+T_2\|_{1,\infty},$
cardona-qft-methods_EQ0042 (12)	32	■1.000	`\sigma_{1}^{d}(\omega)=i \epsilon(\omega), \quad \sigma_{1}^{d^{*}}(\omega)=-i \iota(\omega) .`	$\sigma_1^d(\omega) = i\epsilon(\omega), \quad \sigma_1^{d^*}(\omega) = -i\iota(\omega).$	$\sigma_1^d(\omega) = i\epsilon(\omega), \qquad \sigma_1^{d^*}(\omega) = -i\iota(\omega).$
cardona-qft-methods_EQ0045	33	■1.000	`D_{\nabla}=-i c \circ \nabla, \quad \Gamma(M, E) \xrightarrow{\nabla} \Gamma\left(M, T^{*} M \otimes E \right) \xrightarrow{c \otimes 1} \Gamma(M, E),`	$D_\nabla = -ic\circ\nabla, \quad \Gamma(M,E) \xrightarrow{\nabla} \Gamma(M, T^*M\otimes E) \xrightarrow{c\otimes 1} \Gamma(M,E),$	$D_\nabla = -i\,c\circ\nabla, \qquad \Gamma(M,E) \xrightarrow{\nabla} \Gamma(M, T^*M\otimes E) \xrightarrow{c\otimes 1} \Gamma(M,E),$

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cardona-qft-methods_EQ0048	35	1.000	c\left(d x^{j}\right)\left(x_{0}\right)=\gamma^{j}, \quad \sigma_{1}^{D}\left(x_{0}, \xi\right)=c(\xi)=\gamma^{j} \xi_{j}	$c\left(dx^j\right)(x_0)=\gamma^j, \quad \sigma_1^D\left(x_0, \xi\right)=c(\xi)=\gamma^j \xi_j$	$c(dx^j)(x_0)=\gamma^j, \qquad \sigma_1^D(x_0,\xi)=c(\xi)=\gamma^j\xi_j$
cardona-qft-methods_EQ0050	36	1.000	\Delta^{S}=-\operatorname{Tr}_{g}\left(\nabla^{S} \circ \nabla^{S}\right): \Gamma^{\infty}(M, S) \rightarrow \Gamma^{\infty}(M, S) .	$\Delta^S=-\operatorname{Tr}_g\left(\nabla^S \circ \nabla^S\right): \Gamma^{\infty}(M, S) \rightarrow \Gamma^{\infty}(M, S) .$	$\Delta^S=-\operatorname{Tr}_g(\nabla^S\circ\nabla^S):\Gamma^\infty(M,S)\to\Gamma^\infty(M,S).$
cardona-qft-methods_EQ0051	37	1.000	U_{g^{\prime}, g}:=\sqrt{f_{g, g^{\prime}}} I_{g^{ \prime}, g}: \mathcal{H}_{g^{\prime}} \rightarrow \mathcal{H}_{g} .	$U_{g^{\prime}, g}:=\sqrt{f_{g, g^{\prime}}} I_{g^{\prime}, g}: \mathcal{H}_{g^{\prime}} \rightarrow \mathcal{H}_{g} .$	$U_{g',g}:=\sqrt{f_{g,g'}}\,I_{g',g}:\mathcal{H}_{g'}\to\mathcal{H}_g\,.$
cardona-qft-methods_EQ0053 (15)	37	1.000	D_{g^{\prime}}: \mathcal{H}_{g} \rightarrow \mathcal{H}_{g}, \quad D_{g^{\prime}}:=U_{g, g^{ \prime}}^{-1} \not D_{g^{\prime}} U_{g, g^{\prime}} .	$D_{g^{\prime}}: \mathcal{H}_{g} \rightarrow \mathcal{H}_{g}, \quad D_{g^{\prime}}:=U_{g, g^{\prime}}^{-1} \not D_{g^{\prime}} U_{g, g^{\prime}} .$	$D_{g'}:\mathcal{H}_g\to\mathcal{H}_g, \quad D_{g'}:=U_{g,g'}^{-1}\,\not{D}_{g'}\,U_{g,g'}.$
cardona-qft-methods_EQ0054	37	1.000	\begin{aligned} & \not D_{g^{\prime}} I_{g, g^{\prime}} \psi=e^{-h} I_{g, g^{\prime}}\left(\not D_{g} \psi-i \frac{d-1}{2} c_{g}(\operatorname{grad} h) \psi\right), \\ & \not D_{g^{\prime}}=e^{-\frac{d+1}{2} h} I_{g, g^{\prime}} \not D_{g} I_{g, g^{\prime}}^{-1} e^{ \frac{d-1}{2} h}, \\ & D_{g^{\prime}}=e^{-h / 2} \not D_{g} e^{-h / 2} . \end{aligned}	$\begin{aligned} & \not D_{g^{\prime}} I_{g, g^{\prime}} \psi=e^{-h} I_{g, g^{\prime}}\left(\not D_{g} \psi-i \frac{d-1}{2} c_{g}(\operatorname{grad} h) \psi\right), \\ & \not D_{g^{\prime}}=e^{-\frac{d+1}{2} h} I_{g, g^{\prime}} \not D_{g} I_{g, g^{\prime}}^{-1} e^{ \frac{d-1}{2} h}, \\ & D_{g^{\prime}}=e^{-h / 2} \not D_{g} e^{-h / 2} . \end{aligned}$	$\begin{aligned} & \not D_{g'} I_{g,g'}\psi=e^{-h} I_{g,g'}\left(\not D_g\psi-i\frac{d-1}{2}c_g(\operatorname{grad} h)\psi\right), \\ & \not D_{g'}=e^{-\frac{d+1}{2}h} I_{g,g'}\not D_g I_{g,g'}^{-1} e^{\frac{d-1}{2}h}, \\ & D_{g'}=e^{-h/2}\not D_g e^{-h/2}. \end{aligned}$
cardona-qft-methods_EQ0056 (16)	38	1.000	k_{t}(x, y)=\frac{1}{(4 \pi t)^{d / 2}} e^{-|x-y|^{2} / 4 t} \text { for } x \neq y	$k_t(x, y)=\frac{1}{(4 \pi t)^{d / 2}} e^{-\|x-y\|^{2} / 4 t} \text { for } x \neq y$	$k_t(x,y)=\frac{1}{(4\pi t)^{d/2}}e^{-\|x-y\|^2/4t}$ for $x\neq y$
cardona-qft-methods_EQ0057	38	1.000	\partial_{t} k_{t}(x, y)=\Delta_{x} k_{t}(x, y), \quad \forall t>0, x, y \in \mathbb{R}^{d}	$\partial_t k_t(x, y)=\Delta_x k_t(x, y), \quad \forall t>0, x, y \in \mathbb{R}^d$	$\partial_t k_t(x,y)=\Delta_x k_t(x,y), \quad \forall t>0,\, x,y\in\mathbb{R}^d,$
cardona-qft-methods_EQ0058	39	1.000	-\Delta \phi=\lambda \psi \text { in } U, \quad \psi=0 \text { on } \partial U .	$-\Delta \phi=\lambda \psi \text { in } U, \quad \psi=0 \text { on } \partial U .$	$-\Delta\phi=\lambda\psi \text{ in } U, \qquad \psi=0 \text{ on } \partial U.$
cardona-qft-methods_EQ0060	39	1.000	k_{t}(x, x) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_{k}(x) t^{(-d+k) / m}	$k_t(x, x) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_k(x) t^{(-d+k) / m}$	$k_t(x,x)\underset{t\downarrow 0^+}{\sim}\sum_{k=0}^{\infty}a_k(x)\,t^{(-d+k)/m}$
cardona-qft-methods_EQ0061 (17)	39	1.000	k(t, f, P) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_{k}(f, P) t^{(-d+k) / m} .	$k(t, f, P) \underset{t \downarrow 0^{+}}{\sim} \sum_{k=0}^{\infty} a_k(f, P) t^{(-d+k) / m} .$	$k(t,f,P)\underset{t\downarrow 0^+}{\sim}\sum_{k=0}^{\infty}a_k(f,P)\,t^{(-d+k)/m}.$
cardona-qft-methods_EQ0062 (18)	40	1.000	P=-\left(g^{\mu \nu} \partial_{\mu} \partial_{\nu}+ \mathbb{A}^{\mu} \partial_{\mu}+\mathbb{B}\right)	$P=-\left(g^{\mu \nu} \partial_{\mu} \partial_{\nu}+\mathbb{A}^{\mu} \partial_{\mu}+\mathbb{B}\right)$	$P=-(g^{\mu\nu}\partial_\mu\partial_\nu+\mathbb{A}^\mu\partial_\mu+\mathbb{B})$
cardona-qft-methods_EQ0063	40	1.000	P=-\left(\operatorname{Tr}_{g} \nabla^{2}+E\right), \quad \nabla^{2}(X, Y):=\left[\nabla_{X}, \nabla_{Y}\right]- \nabla_{\nabla_{X}^{L C} Y},	$P=-\left(\operatorname{Tr}_g \nabla^2+E\right), \quad \nabla^2(X, Y):=\left[\nabla_X, \nabla_Y\right]-\nabla_{\nabla_X^{L C} Y},$	$P=-(\operatorname{Tr}_g\nabla^2+E), \quad \nabla^2(X,Y):=[\nabla_X,\nabla_Y]-\nabla_{\nabla_X^{LC}Y},$
cardona-qft-methods_EQ0064	40	1.000	\operatorname{Tr}_{g} \nabla^{2}:=g^{\mu \nu}\left(\nabla_{\mu} \nabla_{\nu}-\Gamma_{\mu \nu}^{\rho} \nabla_{\rho}\right)	$\operatorname{Tr}_g \nabla^2:=g^{\mu \nu}\left(\nabla_\mu \nabla_\nu-\Gamma_{\mu \nu}^\rho \nabla_\rho\right)$	$\operatorname{Tr}_g\nabla^2:=g^{\mu\nu}(\nabla_\mu\nabla_\nu-\Gamma_{\mu\nu}^\rho\nabla_\rho)$
cardona-qft-methods_EQ0067 (20)	41	1.000	\operatorname{Tr}\left(e^{-t D^{2}}\right) \underset{t \downarrow 0^{+}}{\sim} \sum_{j \geq 0} t^{(j-d) / 2} a_{j}\left(D^{2}\right)	$\operatorname{Tr}\left(e^{-t D^2}\right) \underset{t \downarrow 0^+}{\sim} \sum_{j \geq 0} t^{(j-d) / 2} a_j\left(D^2\right)$	$\operatorname{Tr}\left(e^{-tD^2}\right)\underset{t\downarrow 0^+}{\sim}\sum_{j\geq 0}t^{(j-d)/2}\,a_j(D^2)$
cardona-qft-methods_EQ0071 (23)	43	1.000	\left[\pi(a), \pi(b)^{\circ}\right]=0, \quad\left[[\mathcal{D}, \pi(a)], \pi(b)^{\circ}\right]=0, \forall a, b \in \mathcal{A}	$\left[\pi(a), \pi(b)^{\circ}\right]=0, \quad\left[[\mathcal{D}, \pi(a)], \pi(b)^{\circ}\right]=0, \forall a, b \in \mathcal{A}$	$[\pi(a),\pi(b)^\circ]=0, \qquad \left[[\mathcal{D},\pi(a)],\pi(b)^\circ\right]=0, \forall a,b\in\mathcal{A}$

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cardona-qft-methods_EQ0072 (24)	44	1.000	`d\left(\phi_{1}, \phi_{2}\right)=\sup \left\{\left| \phi_{1}(a)-\phi_{2}(a)\right| \mid\\|[\mathcal{D}, \pi(a)]\\| \leq 1, a \in \mathcal{A}\right\}`	$d\left(\phi_{1}, \phi_{2}\right)=\sup \left\{\left\|\phi_{1}(a)-\phi_{2}(a)\right\| \mid \|[\mathcal{D}, \pi(a)]\| \leq 1, a \in \mathcal{A}\right\}$	$d\left(\phi_{1}, \phi_{2}\right)=\sup \left\{\left\|\phi_{1}(a)-\phi_{2}(a)\right\| \mid \|[\mathcal{D}, \pi(a)]\| \leq 1, a \in \mathcal{A}\right\}$
cardona-qft-methods_EQ0073	45	1.000	`O P^{\alpha} O P^{\beta} \subset O P^{\alpha+\beta}, \quad O P^{\alpha} \subset O P^{\beta} \text { if } \alpha \leq \beta, \quad \delta\left(O P^{\alpha}\right) \subset O P^{\alpha}`	$OP^{\alpha} OP^{\beta} \subset OP^{\alpha+\beta}, \quad OP^{\alpha} \subset OP^{\beta} \text{ if } \alpha \leq \beta, \quad \delta\left(OP^{\alpha}\right) \subset OP^{\alpha}$	$OP^{\alpha} OP^{\beta} \subset OP^{\alpha+\beta}, \quad OP^{\alpha} \subset OP^{\beta} \text{ if } \alpha \leq \beta, \quad \delta\left(OP^{\alpha}\right) \subset OP^{\alpha}$
cardona-qft-methods_EQ0076 (25)	45	1.000	`\zeta_{\mathcal{D}}^{P}: s \in \mathbb{C} \rightarrow \operatorname{Tr}\left(P|\mathcal{D}|^{-s}\right)`	$\zeta_{\mathcal{D}}^{P}: s \in \mathbb{C} \rightarrow \operatorname{Tr}\left(P\|\mathcal{D}\|^{-s}\right)$	$\zeta_{\mathcal{D}}^{P}: s \in \mathbb{C} \rightarrow \operatorname{Tr}\left(P\|\mathcal{D}\|^{-s}\right)$
cardona-qft-methods_EQ0079	47	1.000	`\sigma_{z}(T)=|D|^{z} T|D|^{-z}, z \in \mathbb{C}, \quad \epsilon(T)=\nabla(T) D^{-2}`	$\sigma_{z}(T)=\|D\|^{z} T\|D\|^{-z}, z \in \mathbb{C}, \quad \epsilon(T)=\nabla(T) D^{-2}$	$\sigma_{z}(T)=\|D\|^{z} T\|D\|^{-z}, z \in \mathbb{C}, \quad \epsilon(T)=\nabla(T) D^{-2},$
cardona-qft-methods_EQ0080 (27)	47	1.000	`\sigma_{z}(T) \sim \sum_{r=0}^{N} g(z, r) \varepsilon^{r}(T) \quad \bmod O P^{-N-1+q}`	$\sigma_{z}(T) \sim \sum_{r=0}^{N} g(z, r) \varepsilon^{r}(T) \quad \bmod O P^{-N-1+q}$	$\sigma_{z}(T) \sim \sum_{r=0}^{N} g(z, r) \varepsilon^{r}(T) \quad \bmod O P^{-N-1+q}$
cardona-qft-methods_EQ0082	48	1.000	`Y \sim \sum_{p=1}^{N} \sum_{k_{1}, \cdots, k_{p}=0}^{N-p} \frac{(-1)^{|k|_{1}+p+1}}{|k|_{1}+p} \nabla^{k_{p}} \left(X \nabla^{k_{p-1}}\left(\cdots X \nabla^{k_{1}}(X) \cdots\right)\right) D^{-2\left(|k|_{1}+p\right)},`	$Y \sim \sum_{p=1}^{N} \sum_{k_{1}, \cdots, k_{p}=0}^{N-p} \frac{(-1)^{\|k\|_{1}+p+1}}{\|k\|_{1}+p} \nabla^{k_{p}} \left(X \nabla^{k_{p-1}}\left(\cdots X \nabla^{k_{1}}(X) \cdots\right)\right) D^{-2\left(\|k\|_{1}+p\right)},$	$Y \sim \sum_{p=1}^{N} \sum_{k_{1}, \cdots, k_{p}=0}^{N-p} \frac{(-1)^{\|k\|_{1}+p+1}}{\|k\|_{1}+p} \nabla^{k_{p}} \left(X \nabla^{k_{p-1}}\left(\cdots X \nabla^{k_{1}}(X) \cdots\right)\right) D^{-2\left(\|k\|_{1}+p\right)},$
cardona-qft-methods_EQ0084	49	1.000	`\sum_{p=1}^{k} \sum_{r_{1}, \cdots, r_{p}=0}^{k-p} \operatorname{Res}_{s=d-k} h(s, r, p) \operatorname{Tr}\left(\varepsilon^{r_{1}}(Y) \cdots \varepsilon^{r_{p}}(Y)|D|^{-s}\right),`	$\sum_{p=1}^{k} \sum_{r_{1}, \cdots, r_{p}=0}^{k-p} \operatorname{Res}_{s=d-k} h(s, r, p) \operatorname{Tr}\left(\varepsilon^{r_{1}}(Y) \cdots \varepsilon^{r_{p}}(Y)\|D\|^{-s}\right),$	$\sum_{p=1}^{k} \sum_{r_{1}, \cdots, r_{p}=0}^{k-p} \operatorname{Res}_{s=d-k} h(s, r, p) \operatorname{Tr}\left(\varepsilon^{r_{1}}(Y) \cdots \varepsilon^{r_{p}}(Y)\|D\|^{-s}\right),$
cardona-qft-methods_EQ0089	51	1.000	`\zeta_{\mathcal{D}_{A}}(0)=c_{1} \int_{M}\left(5 R^{2}-8 R \mu \nu r^{\mu \nu}-7 R_{\mu \nu \rho \sigma} R^{\mu \nu \rho \sigma} d v o l+c_{2} \int_{M} \operatorname{tr}\left(F_{\mu \nu} F^{\mu \nu}\right) d v o l\right.`	$\zeta_{\mathcal{D}_{A}}(0)=c_{1} \int_{M}\left(5 R^{2}-8 R \mu \nu r^{\mu \nu}-7 R_{\mu \nu \rho \sigma} R^{\mu \nu \rho \sigma} d v o l+c_{2} \int_{M} \operatorname{tr}\left(F_{\mu \nu} F^{\mu \nu}\right) d v o l\right.$	$\zeta_{\mathcal{D}_{A}}(0)=c_{1} \int_{M}\left(5 R^{2}-8 R \mu \nu r^{\mu \nu}-7 R_{\mu \nu \rho \sigma} R^{\mu \nu \rho \sigma} d v o l+c_{2} \int_{M} \operatorname{tr}\left(F_{\mu \nu} F^{\mu \nu}\right) d v o l\right.$
cardona-qft-methods_EQ0090	52	1.000	`\mathcal{A}:=\mathcal{A}_{1} \otimes \mathcal{A}_{2}, \quad \mathcal{D}:=\mathcal{D}_{1} \otimes 1+ \chi_{1} \otimes \mathcal{D}_{2}, \quad \mathcal{H}:= \mathcal{H}_{1} \otimes \mathcal{H}_{2} .`	$\mathcal{A}:=\mathcal{A}_{1} \otimes \mathcal{A}_{2}, \quad \mathcal{D}:=\mathcal{D}_{1} \otimes 1+ \chi_{1} \otimes \mathcal{D}_{2}, \quad \mathcal{H}:= \mathcal{H}_{1} \otimes \mathcal{H}_{2} .$	$\mathcal{A}:=\mathcal{A}_{1} \otimes \mathcal{A}_{2}, \quad \mathcal{D}:=\mathcal{D}_{1} \otimes 1+ \chi_{1} \otimes \mathcal{D}_{2}, \quad \mathcal{H}:= \mathcal{H}_{1} \otimes \mathcal{H}_{2} .$
cardona-qft-methods_EQ0091	52	1.000	`\operatorname{Res}_{s=d_{1}+d_{2}}\left(\zeta_{ \mathcal{D}}(s)\right)=\frac{1}{2} \frac{\Gamma \left(d_{1} / 2\right) \Gamma\left(d_{2} / 2\right)}{ \Gamma(d / 2)} \operatorname{Res}_{s=d_{1}}\left(\zeta_{ \mathcal{D}_{1}}(s)\right) \operatorname{Res}_{s=d_{2}} \left(\zeta_{\mathcal{D}_{2}}(s)\right) .`	$\operatorname{Res}_{s=d_{1}+d_{2}}\left(\zeta_{\mathcal{D}}(s)\right)=\frac{1}{2} \frac{\Gamma \left(d_{1} / 2\right) \Gamma\left(d_{2} / 2\right)}{ \Gamma(d / 2)} \operatorname{Res}_{s=d_{1}}\left(\zeta_{ \mathcal{D}_{1}}(s)\right) \operatorname{Res}_{s=d_{2}} \left(\zeta_{\mathcal{D}_{2}}(s)\right) .$	$\operatorname{Res}_{s=d_{1}+d_{2}}\left(\zeta_{\mathcal{D}}(s)\right)=\frac{1}{2} \frac{\Gamma \left(d_{1} / 2\right) \Gamma\left(d_{2} / 2\right)}{ \Gamma(d / 2)} \operatorname{Res}_{s=d_{1}}\left(\zeta_{ \mathcal{D}_{1}}(s)\right) \operatorname{Res}_{s=d_{2}} \left(\zeta_{\mathcal{D}_{2}}(s)\right) .$
cardona-qft-methods_EQ0092 (31)	55	1.000	`\operatorname{Tr}\left(e^{-t \mathcal{D}^{2}}\right) \underset{t \downarrow 0}{\sim} \sum_{\alpha \in S d} a_{ \alpha} t^{\alpha} \quad \text { with } a_{\alpha} \neq 0 .`	$\operatorname{Tr}\left(e^{-t \mathcal{D}^{2}}\right) \underset{t \downarrow 0}{\sim} \sum_{\alpha \in S d} a_{ \alpha} t^{\alpha} \quad \text { with } a_{\alpha} \neq 0 .$	$\operatorname{Tr}\left(e^{-t \mathcal{D}^{2}}\right) \underset{t \downarrow 0}{\sim} \sum_{\alpha \in S d} a_{ \alpha} t^{\alpha} \quad \text { with } a_{\alpha} \neq 0 .$
cardona-qft-methods_EQ0093 (32)	55	1.000	`a_{\alpha}=\frac{1}{2} \operatorname{Res}_{s=-2 \alpha} \left(\Gamma(s / 2) \zeta_{\mathcal{D}}(s)\right) .`	$a_{\alpha}=\frac{1}{2} \operatorname{Res}_{s=-2 \alpha} \left(\Gamma(s / 2) \zeta_{\mathcal{D}}(s)\right) .$	$a_{\alpha}=\frac{1}{2} \operatorname{Res}_{s=-2 \alpha} \left(\Gamma(s / 2) \zeta_{\mathcal{D}}(s)\right) .$
cardona-qft-methods_EQ0094 (33)	55	1.000	`\operatorname{Tr}(f(\mathcal{D} / \Lambda)) \underset{ \Lambda \rightarrow+\infty}{\sim} \sum_{\beta \in S d^{+}} f_{\beta} \Lambda^{\beta} f|\mathcal{D}|^{ \beta}+f(0) \zeta_{\mathcal{D}}(0)+\cdots`	$\operatorname{Tr}(f(\mathcal{D} / \Lambda)) \underset{\Lambda \rightarrow+\infty}{\sim} \sum_{\beta \in S d^{+}} f_{\beta} \Lambda^{\beta} f\|\mathcal{D}\|^{ \beta}+f(0) \zeta_{\mathcal{D}}(0)+\cdots$	$\operatorname{Tr}(f(\mathcal{D} / \Lambda)) \underset{\Lambda \rightarrow+\infty}{\sim} \sum_{\beta \in S d^{+}} f_{\beta} \Lambda^{\beta} f\|\mathcal{D}\|^{ \beta}+f(0) \zeta_{\mathcal{D}}(0)+\cdots$

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cardona-qft-methods_EQ0097 (34)	56	1.000	`\operatorname{Tr}\left(e^{-t \mathcal{D}^{2}}\right) \underset{t \downarrow 0}{\sim} \sum_{k \in\{0, \cdots, d\}} t^{(k-d) / 2} a_{k}\left(\mathcal{D}^{2}\right)+ \cdots,`	$\operatorname{Tr}\left(e^{-t \mathcal{D}^{2}}\right) \underset{t \downarrow 0}{\sim} \sum_{k \in\{0, \cdots, d\}} t^{(k-d) / 2} a_{k}\left(\mathcal{D}^{2}\right)+ \cdots,$	$\operatorname{Tr}\left(e^{-t \mathcal{D}^{2}}\right) \underset{t \downarrow 0}{\sim} \sum_{k \in\{0, \cdots, d\}} t^{(k-d) / 2} a_{k}\left(\mathcal{D}^{2}\right)+ \cdots,$
cardona-qft-methods_EQ0101	58	1.000	`a_{k}:=\frac{(-1)^{k} 4}{3 k!}\left(\frac{B_{2 k+2}}{2 k+2}-\frac{B_{2 k+4}}{2 k+4}\right)`	$a_{k}:=\frac{(-1)^{k} 4}{3 k!}\left(\frac{B_{2 k+2}}{2 k+2}-\frac{B_{2 k+4}}{2 k+4}\right)$	$a_{k}:=\frac{(-1)^{k} 4}{3 k!}\left(\frac{B_{2 k+2}}{2 k+2}-\frac{B_{2 k+4}}{2 k+4}\right)$
cardona-qft-methods_EQ0103	61	1.000	`\mathcal{D}=-i \delta_{\mu} \otimes \gamma^{\mu},`	$\mathcal{D}=-i \delta_{\mu} \otimes \gamma^{\mu},$	$\mathcal{D}=-i \delta_{\mu} \otimes \gamma^{\mu},$
cardona-qft-methods_EQ0107 (2)	72	1.000	`\operatorname{Ind}(A)=\operatorname{dim} \mathcal{H}_{1}-\operatorname{dim} \mathcal{H}_{2}`	$\operatorname{Ind}(A)=\operatorname{dim} \mathcal{H}_{1}-\operatorname{dim} \mathcal{H}_{2}$	$\operatorname{Ind}(A)=\operatorname{dim} \mathcal{H}_{1}-\operatorname{dim} \mathcal{H}_{2}$
cardona-qft-methods_EQ0108 (3)	73	1.000	`\mathcal{H}=l_{2}:=\left\{\left(x_{1}, x_{2},\left.\ldots \left|x_{j} \in \mathcal{C}, \sum_{j=1}^{\infty}\right| x_{j}\right|^{2}<\infty\right\},\right.`	$\mathcal{H}=l_{2}:=\left\{\left(x_{1}, x_{2}, \ldots\left\|x_{j} \in \mathcal{C}, \sum_{j=1}^{\infty}\right\| x_{j}\right\|^{2}<\infty\right\},$	$\mathcal{H}=l_{2}:=\left\{\left(x_{1}, x_{2}, \ldots\left\|x_{j} \in \mathcal{C}, \sum_{j=1}^{\infty}\right\| x_{j}\right\|^{2}<\infty\right\},$
cardona-qft-methods_EQ0109 (4)	73	1.000	`T\left(x_{1}, x_{2}, x_{3}, \ldots\right):=\left(x_{3}, x_{4}, \ldots\right) .`	$T\left(x_{1}, x_{2}, x_{3}, \ldots\right):=\left(x_{3}, x_{4}, \ldots\right) .$	$T\left(x_{1}, x_{2}, x_{3}, \ldots\right):=\left(x_{3}, x_{4}, \ldots\right) .$
cardona-qft-methods_EQ0110	73	1.000	`\operatorname{Ker}(T)=\left\{\left(x_{1}, x_{2}, 0,0, \ldots\right) \in \mathcal{H} \mid x_{1}, x_{2} \in \mathbb{C}\right\} .`	$\operatorname{Ker}(T)=\left\{\left(x_{1}, x_{2}, 0,0, \ldots\right) \in \mathcal{H} \mid x_{1}, x_{2} \in \mathbb{C}\right\} .$	$\operatorname{Ker}(T)=\left\{\left(x_{1}, x_{2}, 0,0, \ldots\right) \in \mathcal{H} \mid x_{1}, x_{2} \in \mathbb{C}\right\} .$
cardona-qft-methods_EQ0113 (5)	73	1.000	`(A+K) x=0`	$(A+K) x=0$	$(A+K) x=0$
cardona-qft-methods_EQ0114	74	1.000	`U=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V .`	$U=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V .$	$U=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V .$
cardona-qft-methods_EQ0115	74	1.000	`g A x=A g x, \quad \text { for all } \quad x \in \mathcal{H}_{1} .`	$g A x=A g x, \quad \text { for all } \quad x \in \mathcal{H}_{1} .$	$g A x=A g x, \quad \text { for all } \quad x \in \mathcal{H}_{1} .$
cardona-qft-methods_EQ0117	75	1.000	`V-U \sim A-B \Longleftrightarrow V \oplus B \simeq A \oplus U,`	$V-U \sim A-B \Longleftrightarrow V \oplus B \simeq A \oplus U,$	$V-U \sim A-B \Longleftrightarrow V \oplus B \simeq A \oplus U,$
cardona-qft-methods_EQ0119 (7)	76	1.000	`\widehat{R}(G)=\left\{\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V \mid m_{V} \in \mathbb{Z}\right\} .`	$\widehat{R}(G)=\left\{\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V \mid m_{V} \in \mathbb{Z}\right\} .$	$\widehat{R}(G)=\left\{\bigoplus_{V \in \operatorname{Irr}(G)} m_{V} V \mid m_{V} \in \mathbb{Z}\right\} .$
cardona-qft-methods_EQ0120 (8)	76	1.000	`\operatorname{Ind}_{G}(A):=\operatorname{Ker}(A)-\operatorname{Coker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)}\left(m_{V}^{+}-m_{V}^{-}\right) V \in R(G) .`	$\operatorname{Ind}_{G}(A):=\operatorname{Ker}(A)-\operatorname{Coker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)}\left(m_{V}^{+}-m_{V}^{-}\right) V \in R(G) .$	$\operatorname{Ind}_{G}(A):=\operatorname{Ker}(A)-\operatorname{Coker}(A)=\bigoplus_{V \in \operatorname{Irr}(G)}\left(m_{V}^{+}-m_{V}^{-}\right) V \in R(G) .$
cardona-qft-methods_EQ0121	76	1.000	`G:=\mathbb{Z}_{2}=\{1,-1\} .`	$G:=\mathbb{Z}_{2}=\{1,-1\} .$	$G:=\mathbb{Z}_{2}=\{1,-1\} .$
cardona-qft-methods_EQ0122	76	1.000	`q\left(x_{1}, x_{2}, \ldots\right)=\left(x_{2}, x_{1}, x_{4}, x_{3}, \ldots\right) .`	$q\left(x_{1}, x_{2}, \ldots\right)=\left(x_{2}, x_{1}, x_{4}, x_{3}, \ldots\right) .$	$q\left(x_{1}, x_{2}, \ldots\right)=\left(x_{2}, x_{1}, x_{4}, x_{3}, \ldots\right) .$
cardona-qft-methods_EQ0123	77	1.000	`D_{j} f=\frac{1}{i} \frac{\partial f}{\partial x_{j}}, \quad j=1, \ldots, n .`	$D_{j} f=\frac{1}{i} \frac{\partial f}{\partial x_{j}}, \quad j=1, \ldots, n .$	$D_{j} f=\frac{1}{i} \frac{\partial f}{\partial x_{j}}, \quad j=1, \ldots, n .$
cardona-qft-methods_EQ0124	77	1.000	`|\alpha|:=\alpha_{1}+\cdots+\alpha_{n}`	$\|\alpha\|:=\alpha_{1}+\cdots+\alpha_{n}$	$\|\alpha\|:=\alpha_{1}+\cdots+\alpha_{n}$
cardona-qft-methods_EQ0126 (1)	77	1.000	`\mathcal{D}=\sum_{|\alpha| \leq k} a_{\alpha}(x) D^{\alpha}: C^{\infty}\left(\mathbb{R}^{n}\right) \longrightarrow C^{\infty}\left(\mathbb{R}^{n}\right),`	$\mathcal{D}=\sum_{\|\alpha\| \leq k} a_{\alpha}(x) D^{\alpha}: C^{\infty}\left(\mathbb{R}^{n}\right) \longrightarrow C^{\infty}\left(\mathbb{R}^{n}\right),$	$\mathcal{D}=\sum_{\|\alpha\| \leq k} a_{\alpha}(x) D^{\alpha}: C^{\infty}\left(\mathbb{R}^{n}\right) \longrightarrow C^{\infty}\left(\mathbb{R}^{n}\right),$

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cardona-qft-methods_EQ0127	77	1.000	`\langle f, g\rangle:=\int_{\mathbb{R}^{n}} f(x) \bar{g}(x) d x`	$\langle f, g\rangle:=\int_{\mathbb{R}^{n}} f(x) \bar{g}(x) d x$	$\langle f, g\rangle:=\int_{\mathbb{R}^{n}} f(x) \bar{g}(x) d x.$
cardona-qft-methods_EQ0128 (2)	77	1.000	`\langle f, g\rangle_{k}:=\sum_{|\alpha|=k}\left\langle D^{\alpha} f, D^{\alpha} g\right\rangle .`	$\langle f, g\rangle_{k}:=\sum_{\|\alpha\|=k}\left\langle D^{\alpha} f, D^{\alpha} g\right\rangle .$	$\langle f, g\rangle_{k}:=\sum_{\|\alpha\|=k}\left\langle D^{\alpha} f, D^{\alpha} g\right\rangle .$
cardona-qft-methods_EQ0129 (3)	77	1.000	`\\|f\\|_{k}:=\sqrt{\langle f, f\rangle_{k}}`	$\\|f\\|_{k}:=\sqrt{\langle f, f\rangle_{k}}$	$\\|f\\|_{k}:=\sqrt{\langle f, f\rangle_{k}}$
cardona-qft-methods_EQ0130	78	1.000	`H^{k}\left(\mathbb{R}^{n}\right)=\left\{f: \mathbb{R}^{n} \rightarrow \mathcal{C} \mid D^{\alpha} f \in L^{2} \left(\mathbb{R}^{n}\right) \text { for all } \alpha \in \mathbb{Z}_{+}^{n} \text { with }|\alpha| \leq k\right\} .`	$H^{k}\left(\mathbb{R}^{n}\right)=\left\{f: \mathbb{R}^{n} \rightarrow \mathcal{C} \mid D^{\alpha} f \in L^{2} \left(\mathbb{R}^{n}\right) \text { for all } \alpha \in \mathbb{Z}_{+}^{n} \text { with }\|\alpha\| \leq k\right\} .$	$H^{k}\left(\mathbb{R}^{n}\right)=\left\{f: \mathbb{R}^{n} \rightarrow \mathcal{C} \mid D^{\alpha} f \in L^{2} \left(\mathbb{R}^{n}\right) \text { for all } \alpha \in \mathbb{Z}_{+}^{n} \text { with }\|\alpha\| \leq k\right\} .$
cardona-qft-methods_EQ0131	78	1.000	`H_{K}^{k}\left(\mathbb{R}^{n}\right)=\left\{f \in H^{k} \left(\mathbb{R}^{n}\right) \mid \operatorname{supp}(f) \subset K\right\} .`	$H_{K}^{k}\left(\mathbb{R}^{n}\right)=\left\{f \in H^{k} \left(\mathbb{R}^{n}\right) \mid \operatorname{supp}(f) \subset K\right\} .$	$H_{K}^{k}\left(\mathbb{R}^{n}\right)=\left\{f \in H^{k} \left(\mathbb{R}^{n}\right) \mid \operatorname{supp}(f) \subset K\right\} .$
cardona-qft-methods_EQ0133	79	1.000	`a_{\alpha}(x)=\left\{a_{\alpha, i j}(x)\right\}_{ \substack{1 \leq i \leq N_{2} \\ 1 \leq j \leq N_{1}}} \in \operatorname{Mat}_{N_{1} \times N_{2}}, \quad a_{ \alpha, i j}(x) \in C^{\infty}\left(\mathbb{R}^{n}\right) .`	$a_{\alpha}(x)=\left\{a_{\alpha, i j}(x)\right\}_{ \substack{1 \leq i \leq N_{2} \\ 1 \leq j \leq N_{1}}} \in \operatorname{Mat}_{N_{1} \times N_{2}}, \quad a_{\alpha, i j}(x) \in C^{\infty}\left(\mathbb{R}^{n}\right) .$	$a_{\alpha}(x)=\left\{a_{\alpha, i j}(x)\right\}_{ \substack{1 \leq i \leq N_{2} \\ 1 \leq j \leq N_{1}}} \in \operatorname{Mat}_{N_{1} \times N_{2}}, \quad a_{\alpha, i j}(x) \in C^{\infty}\left(\mathbb{R}^{n}\right) .$
cardona-qft-methods_EQ0134	79	1.000	`\mathcal{D}: H^{k}\left(\mathbb{R}^{n}, \mathbb{R}^{N} \right) \longrightarrow L^{2}\left(\mathbb{R}^{n}, \mathbb{R}^{N}\right)`	$\mathcal{D}: H^{k}\left(\mathbb{R}^{n}, \mathbb{R}^{N} \right) \longrightarrow L^{2}\left(\mathbb{R}^{n}, \mathbb{R}^{N}\right)$	$\mathcal{D}: H^{k}\left(\mathbb{R}^{n}, \mathbb{R}^{N} \right) \longrightarrow L^{2}\left(\mathbb{R}^{n}, \mathbb{R}^{N}\right)$
cardona-qft-methods_EQ0136	79	1.000	`\pi(s(x))=x, \quad \text { for all } x \in M .`	$\pi(s(x))=x, \quad \text { for all } x \in M .$	$\pi(s(x))=x, \quad \text { for all } x \in M .$
cardona-qft-methods_EQ0137 (4)	80	1.000	`\mathcal{D}: C^{\infty}(M, E) \longrightarrow C^{ \infty}(M, F)`	$\mathcal{D}: C^{\infty}(M, E) \longrightarrow C^{\infty}(M, F)$	$\mathcal{D}: C^{\infty}(M, E) \longrightarrow C^{\infty}(M, F)$
cardona-qft-methods_EQ0139	80	1.000	`\mathcal{D}_{i}: C^{\infty}\left(V_{i}, \mathbb{R}^{N_{1}}\right) \longrightarrow C^{\infty} \left(V_{i}, \mathbb{R}^{N_{2}}\right) .`	$\mathcal{D}_{i}: C^{\infty}\left(V_{i}, \mathbb{R}^{N_{1}}\right) \longrightarrow C^{\infty}\left(V_{i}, \mathbb{R}^{N_{2}}\right) .$	$\mathcal{D}_{i}: C^{\infty}\left(V_{i}, \mathbb{R}^{N_{1}}\right) \longrightarrow C^{\infty}\left(V_{i}, \mathbb{R}^{N_{2}}\right) .$
cardona-qft-methods_EQ0140	81	1.000	`\mathcal{D}: H_{K}^{m}(M, E) \longrightarrow L^{2}(M, F) .`	$\mathcal{D}: H_{K}^{m}(M, E) \longrightarrow L^{2}(M, F) .$	$\mathcal{D}: H_{K}^{m}(M, E) \longrightarrow L^{2}(M, F) .$
cardona-qft-methods_EQ0143	81	1.000	`\sigma(\mathcal{D})\left(x_{0}, \xi\right)=\sum_{|\alpha| \leq k} a_{\alpha}\left(x_{0}\right) \xi_{1}^{\alpha_{1}} \cdots \xi_{n}^{\alpha_{n}} .`	$\sigma(\mathcal{D})\left(x_{0}, \xi\right)=\sum_{\|\alpha\| \leq k} a_{\alpha}\left(x_{0}\right) \xi_{1}^{\alpha_{1}} \cdots \xi_{n}^{\alpha_{n}} .$	$\sigma(\mathcal{D})\left(x_{0}, \xi\right)=\sum_{\|\alpha\| \leq k} a_{\alpha}\left(x_{0}\right) \xi_{1}^{\alpha_{1}} \cdots \xi_{n}^{\alpha_{n}} .$
cardona-qft-methods_EQ0144	82	1.000	`\sigma_{L}(\mathcal{D})(x, \xi): \pi^{*} E_{(x, \xi)} \rightarrow \pi^{*} F_{(x, \xi)} .`	$\sigma_{L}(\mathcal{D})(x, \xi): \pi^{*} E_{(x, \xi)} \rightarrow \pi^{*} F_{(x, \xi)} .$	$\sigma_{L}(\mathcal{D})(x, \xi): \pi^{*} E_{(x, \xi)} \rightarrow \pi^{*} F_{(x, \xi)} .$
cardona-qft-methods_EQ0145	82	1.000	`\Delta=-\frac{\partial^{2}}{\partial x_{1}^{2}}-\frac{\partial^{2}}{\partial x_{2}^{2}}-\cdots-\frac{ \partial^{2}}{\partial x_{n}^{2}}`	$\Delta=-\frac{\partial^{2}}{\partial x_{1}^{2}}-\frac{\partial^{2}}{\partial x_{2}^{2}}-\cdots-\frac{ \partial^{2}}{\partial x_{n}^{2}}$	$\Delta=-\frac{\partial^{2}}{\partial x_{1}^{2}}-\frac{\partial^{2}}{\partial x_{2}^{2}}-\cdots-\frac{ \partial^{2}}{\partial x_{n}^{2}}$
cardona-qft-methods_EQ0150 (2)	85	1.000	`\sigma_{1} \oplus \mathrm{Id}: E_{1} \oplus \mathcal{C}^{k_{1}} \rightarrow F_{1} \oplus \mathcal{C}^{k_{1}}, \quad \text { and } \quad \sigma_{2} \oplus \mathrm{Id}: E_{2} \oplus \mathcal{C}^{k_{2}} \rightarrow F_{2} \oplus \mathcal{C}^{k_{2}},`	$\sigma_{1} \oplus \mathrm{Id}: E_{1} \oplus \mathcal{C}^{k_{1}} \rightarrow F_{1} \oplus \mathcal{C}^{k_{1}}, \quad \text { and } \quad \sigma_{2} \oplus \mathrm{Id}: E_{2} \oplus \mathcal{C}^{k_{2}} \rightarrow F_{2} \oplus \mathcal{C}^{k_{2}},$	$\sigma_{1} \oplus \mathrm{Id}: E_{1} \oplus \mathcal{C}^{k_{1}} \rightarrow F_{1} \oplus \mathcal{C}^{k_{1}}, \quad \text { and } \quad \sigma_{2} \oplus \mathrm{Id}: E_{2} \oplus \mathcal{C}^{k_{2}} \rightarrow F_{2} \oplus \mathcal{C}^{k_{2}},$
cardona-qft-methods_EQ0151	85	1.000	`K(X)=\{\sigma: E \rightarrow F \mid \sigma(x) \text { is invertible outside of a compact set }\} / \sim`	$K(X)=\{\sigma: E \rightarrow F \mid \sigma(x) \text { is invertible outside of a compact set }\} / \sim$	$K(X)=\{\sigma: E \rightarrow F \mid \sigma(x) \text { is invertible outside of a compact set }\} / \sim$
cardona-qft-methods_EQ0152	85	1.000	`\operatorname{dim} E-\operatorname{dim} F \in \mathbb{Z} .`	$\operatorname{dim} E-\operatorname{dim} F \in \mathbb{Z} .$	$\operatorname{dim} E-\operatorname{dim} F \in \mathbb{Z} .$

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cardona-qft-methods_EQ0153	85	1.000	K(\{p t\}) \cong \mathbb{Z}	$K(\{pt\}) \cong \mathbb{Z}$	$K(\{pt\}) \cong \mathbb{Z}.$
cardona-qft-methods_EQ0155	86	1.000	j_{!}: K(Y) \rightarrow K(X),	$j_! : K(Y) \rightarrow K(X),$	$j_! : K(Y) \rightarrow K(X),$
cardona-qft-methods_EQ0156	86	1.000	i_{!}: K(p t) \longrightarrow K\left(\mathcal{C}^{N} \right)	$i_! : K(pt) \longrightarrow K\left(\mathcal{C}^{N}\right)$	$i_! : K(pt) \longrightarrow K(\mathcal{C}^{N})$
cardona-qft-methods_EQ0159	87	1.000	g \mapsto \psi(g): E \rightarrow E, \quad g \in G,	$g \mapsto \psi(g) : E \rightarrow E, \quad g \in G,$	$g \mapsto \psi(g) : E \rightarrow E, \quad g \in G,$
cardona-qft-methods_EQ0160	87	1.000	\pi \circ \psi(g)=\phi \circ \pi(g) .	$\pi \circ \psi(g) = \phi \circ \pi(g).$	$\pi \circ \psi(g) = \phi \circ \pi(g).$
cardona-qft-methods_EQ0161 (5)	87	1.000	g \mapsto l_{g}: C^{\infty}(M, E) \longrightarrow C^{ \infty}(M, E), \quad l_{g}(f)(x):=g \cdot f\left(g^{-1} \cdot x\right) .	$g \mapsto l_g : C^{\infty}(M, E) \longrightarrow C^{\infty}(M, E), \quad l_g(f)(x) := g \cdot f\left(g^{-1} \cdot x\right).$	$g \mapsto l_g : C^{\infty}(M, E) \longrightarrow C^{\infty}(M, E), \quad l_g(f)(x) := g \cdot f(g^{-1} \cdot x).$
cardona-qft-methods_EQ0163 (6)	88	1.000	K_{G}(\{p t\})=R(G),	$K_G(\{pt\}) = R(G),$	$K_G(\{pt\}) = R(G),$
cardona-qft-methods_EQ0165	88	1.000	\mathcal{D}: C^{\infty}(M, E) \rightarrow C^{\infty}(M, F)	$\mathcal{D} : C^{\infty}(M, E) \rightarrow C^{\infty}(M, F)$	$\mathcal{D} : C^{\infty}(M, E) \rightarrow C^{\infty}(M, F)$
cardona-qft-methods_EQ0166	88	1.000	\sigma_{L}(\mathcal{D}): \pi^{*} E \longrightarrow \pi^{*} F,	$\sigma_L(\mathcal{D}) : \pi^* E \longrightarrow \pi^* F,$	$\sigma_L(\mathcal{D}) : \pi^* E \longrightarrow \pi^* F,$
cardona-qft-methods_EQ0167	89	1.000	\operatorname{Ind}_{G}(\mathcal{D})=\mathrm{t}- \operatorname{Ind}_{G}(\sigma) .	$\operatorname{Ind}_G(\mathcal{D}) = \mathrm{t} - \operatorname{Ind}_G(\sigma).$	$\operatorname{Ind}_G(\mathcal{D}) = \mathrm{t}\text{-}\operatorname{Ind}_G(\sigma).$
cardona-qft-methods_EQ0168	89	1.000	M:=N \times G	$M := N \times G$	$M := N \times G$
cardona-qft-methods_EQ0170	89	1.000	\tilde{\mathcal{D}}: C^{\infty}(M) \longrightarrow C^{ \infty}(M)	$\tilde{\mathcal{D}} : C^{\infty}(M) \longrightarrow C^{\infty}(M)$	$\tilde{\mathcal{D}} : C^{\infty}(M) \longrightarrow C^{\infty}(M)$
cardona-qft-methods_EQ0171	89	1.000	\mathcal{D}=\sum_{|\alpha| \leq k} a_{\alpha}(x) \frac{ \partial^{\alpha_{1}}}{\partial x_{1}^{\alpha_{1}}} \cdots \frac{\partial^{\alpha_{n}}}{\partial x_{n}^{ \alpha_{n}}} .	$\mathcal{D} = \sum_{\|\alpha\| \leq k} a_\alpha(x) \frac{\partial^{\alpha_1}}{\partial x_1^{\alpha_1}} \cdots \frac{\partial^{\alpha_n}}{\partial x_n^{\alpha_n}}.$	$\mathcal{D} = \sum_{\|\alpha\| \leq k} a_\alpha(x) \frac{\partial^{\alpha_1}}{\partial x_1^{\alpha_1}} \cdots \frac{\partial^{\alpha_n}}{\partial x_n^{\alpha_n}}.$
cardona-qft-methods_EQ0172	89	1.000	\tilde{\mathcal{D}}:=\sum_{|\alpha| \leq k} a_{\alpha}(x) \frac{\partial^{\alpha_{1}}}{\partial x_{1}^{\alpha_{1}}} \cdots \frac{\partial^{\alpha_{n}}}{\partial x_{n}^{ \alpha_{n}}} .	$\tilde{\mathcal{D}} := \sum_{\|\alpha\| \leq k} a_\alpha(x) \frac{\partial^{\alpha_1}}{\partial x_1^{\alpha_1}} \cdots \frac{\partial^{\alpha_n}}{\partial x_n^{\alpha_n}}.$	$\tilde{\mathcal{D}} := \sum_{\|\alpha\| \leq k} a_\alpha(x) \frac{\partial^{\alpha_1}}{\partial x_1^{\alpha_1}} \cdots \frac{\partial^{\alpha_n}}{\partial x_n^{\alpha_n}}.$
cardona-qft-methods_EQ0173 (1)	90	1.000	\operatorname{Ker}(\tilde{\mathcal{D}})= \operatorname{Ker}(\mathcal{D}) \otimes L^{2}(G), \quad \operatorname{Coker}(\tilde{\mathcal{D}})= \operatorname{Coker}(\mathcal{D}) \otimes L^{2}(G) .	$\operatorname{Ker}(\tilde{\mathcal{D}}) = \operatorname{Ker}(\mathcal{D}) \otimes L^2(G), \quad \operatorname{Coker}(\tilde{\mathcal{D}}) = \operatorname{Coker}(\mathcal{D}) \otimes L^2(G).$	$\operatorname{Ker}(\tilde{\mathcal{D}}) = \operatorname{Ker}(\mathcal{D}) \otimes L^2(G), \quad \operatorname{Coker}(\tilde{\mathcal{D}}) = \operatorname{Coker}(\mathcal{D}) \otimes L^2(G).$
cardona-qft-methods_EQ0174 (2)	90	1.000	L^{2}(G)=\bigoplus_{V \in \operatorname{Irr}(G)}(\operatorname{dim} V) V .	$L^2(G) = \bigoplus_{V \in \operatorname{Irr}(G)} (\operatorname{dim} V) V.$	$L^2(G) = \bigoplus_{V \in \operatorname{Irr}(G)} (\operatorname{dim} V) V.$
cardona-qft-methods_EQ0176	90	1.000	\mathcal{O}(x):=\{g \cdot x \mid g \in G\} .	$\mathcal{O}(x) := \{g \cdot x \mid g \in G\}.$	$\mathcal{O}(x) := \{g \cdot x \mid g \in G\}.$
cardona-qft-methods_EQ0178	91	1.000	\mathcal{D}: C^{\infty}(M, E) \longrightarrow C^{ \infty}(M, F)	$\mathcal{D} : C^{\infty}(M, E) \longrightarrow C^{\infty}(M, F)$	$\mathcal{D} : C^{\infty}(M, E) \longrightarrow C^{\infty}(M, F)$
cardona-qft-methods_EQ0179 (5)	91	1.000	\operatorname{Ker}(\mathcal{D})=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{+} V, \quad \operatorname{Coker}(\mathcal{D})=\bigoplus_{V \in \operatorname{Irr}(G)} m_{V}^{-} V .	$\operatorname{Ker}(\mathcal{D}) = \bigoplus_{V \in \operatorname{Irr}(G)} m_V^+ V, \quad \operatorname{Coker}(\mathcal{D}) = \bigoplus_{V \in \operatorname{Irr}(G)} m_V^- V.$	$\operatorname{Ker}(\mathcal{D}) = \bigoplus_{V \in \operatorname{Irr}(G)} m_V^+ V, \quad \operatorname{Coker}(\mathcal{D}) = \bigoplus_{V \in \operatorname{Irr}(G)} m_V^- V.$

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cardona-qft-methods_EQ0180 (6)	91	1.000	`\operatorname{Ind}_{G}(\mathcal{D}):=\bigoplus_{V \in \operatorname{Irr}(G)}\left(m_{V}^{+}-m_{V}^{-}\right) V \in \widehat{R}(G),`	$\operatorname{Ind}_{G}(\mathcal{D}) := \bigoplus_{V \in \operatorname{Irr}(G)} \left(m_{V}^{+}-m_{V}^{-}\right) V \in \widehat{R}(G),$	$\operatorname{Ind}_{G}(\mathcal{D}) := \bigoplus_{V \in \operatorname{Irr}(G)} \left(m_{V}^{+}-m_{V}^{-}\right) V \in \widehat{R}(G),$
cardona-qft-methods_EQ0182 (8)	92	1.000	`\mathrm{t}-\operatorname{Ind}_{G}(\sigma):= \operatorname{Ind}_{G}(\mathcal{D}) .`	$\mathrm{t}-\operatorname{Ind}_{G}(\sigma) := \operatorname{Ind}_{G}(\mathcal{D}).$	$\mathrm{t}\text{-}\operatorname{Ind}_{G}(\sigma) := \operatorname{Ind}_{G}(\mathcal{D}).$
cardona-qft-methods_EQ0183	92	1.000	`\operatorname{Ind}_{G}(\mathcal{D})=\mathrm{t}-\operatorname{Ind}_{G}(\sigma) \in \widehat{R}(G) .`	$\operatorname{Ind}_{G}(\mathcal{D})=\mathrm{t}-\operatorname{Ind}_{G}(\sigma) \in \widehat{R}(G) .$	$\operatorname{Ind}_{G}(\mathcal{D}) = \mathrm{t}\text{-}\operatorname{Ind}_{G}(\sigma) \in \widehat{R}(G).$
cardona-qft-methods_EQ0184	93	1.000	`c: V \rightarrow \operatorname{End}(W)`	$c: V \rightarrow \operatorname{End}(W)$	$c: V \rightarrow \operatorname{End}(W)$
cardona-qft-methods_EQ0188 (3)	93	1.000	`c: \mathbb{R}^{3} \longrightarrow \operatorname{End} \left(\mathcal{C}^{2}\right), \quad c\left(x_{1}, x_{2}, x_{3}\right):=\frac{1}{i}\left(x_{1} \sigma_{1}+x_{2} \sigma_{2}+x_{2} \sigma_{3}\right)`	$c: \mathbb{R}^{3} \longrightarrow \operatorname{End}\left(\mathcal{C}^{2}\right), \quad c\left(x_{1}, x_{2}, x_{3}\right):=\frac{1}{i}\left(x_{1} \sigma_{1}+x_{2} \sigma_{2}+x_{2} \sigma_{3}\right)$	$c: \mathbb{R}^{3} \longrightarrow \operatorname{End}\left(\mathcal{C}^{2}\right), \quad c\left(x_{1}, x_{2}, x_{3}\right):=\frac{1}{i}\left(x_{1} \sigma_{1}+x_{2} \sigma_{2}+x_{2} \sigma_{3}\right)$
cardona-qft-methods_EQ0189	93	1.000	`W=\Lambda^{*}\left(V^{\mathcal{C}}\right)`	$W=\Lambda^{*}\left(V^{\mathcal{C}}\right)$	$W=\Lambda^{*}\left(V^{\mathcal{C}}\right)$
cardona-qft-methods_EQ0190	93	1.000	`\varepsilon(v) \alpha:=v \wedge \alpha, \quad \alpha \in W .`	$\varepsilon(v) \alpha:=v \wedge \alpha, \quad \alpha \in W.$	$\varepsilon(v) \alpha:=v \wedge \alpha, \quad \alpha \in W.$
cardona-qft-methods_EQ0191 (4)	93	1.000	`c(v):=\varepsilon_{v}-\iota_{v}: W \longrightarrow W .`	$c(v):=\varepsilon_{v}-\iota_{v}: W \longrightarrow W.$	$c(v):=\varepsilon_{v}-\iota_{v}: W \longrightarrow W.$
cardona-qft-methods_EQ0192 (5)	94	1.000	`c: T^{*} M \longrightarrow \operatorname{End}(E),`	$c: T^{*} M \longrightarrow \operatorname{End}(E),$	$c: T^{*} M \longrightarrow \operatorname{End}(E),$
cardona-qft-methods_EQ0193	94	1.000	`c: T_{x}^{*} M \rightarrow \operatorname{End}\left(E_{x} \right)`	$c: T_{x}^{*} M \rightarrow \operatorname{End}\left(E_{x}\right)$	$c: T_{x}^{*} M \rightarrow \operatorname{End}\left(E_{x}\right)$
cardona-qft-methods_EQ0194	94	1.000	`c(v) \omega=v \wedge \omega-\iota_{v} \omega .`	$c(v) \omega=v \wedge \omega-\iota_{v} \omega.$	$c(v) \omega=v \wedge \omega-\iota_{v} \omega.$
cardona-qft-methods_EQ0195 (6)	94	1.000	`\nabla_{u}(c(v) s)=c\left(\nabla_{u}^{L C} v\right) s+c(v) \nabla_{u} s,`	$\nabla_{u}(c(v) s)=c\left(\nabla_{u}^{L C} v\right) s+c(v) \nabla_{u} s,$	$\nabla_{u}(c(v) s)=c\left(\nabla_{u}^{L C} v\right) s+c(v) \nabla_{u} s,$
cardona-qft-methods_EQ0196 (7)	95	1.000	`\mathcal{D}:=\sum_{j=1}^{n} c\left(e_{i}\right) \nabla_{e_{i}}: C^{\infty}(M, E) \longrightarrow C^{ \infty}(M, E),`	$\mathcal{D}:=\sum_{j=1}^{n} c\left(e_{i}\right) \nabla_{e_{i}}: C^{\infty}(M, E) \longrightarrow C^{\infty}(M, E),$	$\mathcal{D}:=\sum_{j=1}^{n} c\left(e_{i}\right) \nabla_{e_{i}}: C^{\infty}(M, E) \longrightarrow C^{\infty}(M, E),$
cardona-qft-methods_EQ0197 (8)	95	1.000	`\sigma_{L}(\mathcal{D})(x, \xi)=i c(\xi) .`	$\sigma_{L}(\mathcal{D})(x, \xi)=i c(\xi).$	$\sigma_{L}(\mathcal{D})(x, \xi)=i c(\xi).$
cardona-qft-methods_EQ0198	95	1.000	`\nabla_{\partial / \partial x_{i}}=\frac{\partial}{ \partial x_{i}} .`	$\nabla_{\partial / \partial x_{i}}=\frac{\partial}{ \partial x_{i}}.$	$\nabla_{\partial / \partial x_{i}}=\frac{\partial}{ \partial x_{i}}.$
cardona-qft-methods_EQ0200	95	1.000	`d^{*}: \Omega^{*}(M, E) \rightarrow \Omega^{*-1}(M, E)`	$d^{*}: \Omega^{*}(M, E) \rightarrow \Omega^{*-1}(M, E)$	$d^{*}: \Omega^{*}(M, E) \rightarrow \Omega^{*-1}(M, E)$
cardona-qft-methods_EQ0203 (11)	96	1.000	`\operatorname{Ker}(\mathcal{D}) \simeq H^{*}(M) .`	$\operatorname{Ker}(\mathcal{D}) \simeq H^{*}(M).$	$\operatorname{Ker}(\mathcal{D}) \simeq H^{*}(M).$
cardona-qft-methods_EQ0204 (12)	96	1.000	`E=E^{+} \oplus E^{-},`	$E=E^{+} \oplus E^{-},$	$E=E^{+} \oplus E^{-},$
cardona-qft-methods_EQ0205	96	1.000	`c(v): E^{ \pm} \longrightarrow E^{\mp} .`	$c(v): E^{\pm} \longrightarrow E^{\mp}.$	$c(v): E^{\pm} \longrightarrow E^{\mp}.$
cardona-qft-methods_EQ0206	96	1.000	`\nabla_{v}: C^{\infty}\left(M, E^{ \pm}\right) \longrightarrow C^{\infty}\left(M, E^{ \pm}\right) .`	$\nabla_{v}: C^{\infty}\left(M, E^{\pm}\right) \longrightarrow C^{\infty}\left(M, E^{\pm}\right).$	$\nabla_{v}: C^{\infty}\left(M, E^{\pm}\right) \longrightarrow C^{\infty}\left(M, E^{\pm}\right).$
cardona-qft-methods_EQ0207	96	1.000	`\mathcal{D}: C^{\infty}\left(M, E^{ \pm}\right) \longrightarrow C^{\infty}\left(M, E^{\mp}\right) .`	$\mathcal{D}: C^{\infty}\left(M, E^{\pm}\right) \longrightarrow C^{\infty}\left(M, E^{\mp}\right).$	$\mathcal{D}: C^{\infty}\left(M, E^{\pm}\right) \longrightarrow C^{\infty}\left(M, E^{\mp}\right).$

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cardona-qft-methods_EQ0208 (13)	97	1.000	`\mathcal{D}=\left(\begin{array}{cc} 0 & \mathcal{D}^{-} \\ \mathcal{D}^{+} & 0 \end{array}\right) .`	$\mathcal{D}=\left(\begin{array}{cc} 0 & \mathcal{D}^{-} \\ \mathcal{D}^{+} & 0 \end{array}\right) .$	$\mathcal{D} = \left(\begin{array}{cc} 0 & \mathcal{D}^{-} \\ \mathcal{D}^{+} & 0 \end{array}\right) .$
cardona-qft-methods_EQ0210	97	1.000	`\operatorname{Ind}\left(\mathcal{D}^{+}\right)= \sum_{j=0}^{n}(-1)^{n} \operatorname{dim} H^{j}(M)`	$\operatorname{Ind}\left(\mathcal{D}^{+}\right)= \sum_{j=0}^{n}(-1)^{n} \operatorname{dim} H^{j}(M)$	$\operatorname{Ind}\left(\mathcal{D}^{+}\right)= \sum_{j=0}^{n}(-1)^{n} \operatorname{dim} H^{j}(M)$
cardona-qft-methods_EQ0211	97	1.000	`\Gamma \omega:=i^{p(p-1)+l} * \omega, \quad \omega \in \Lambda^{p}(M) \otimes \mathcal{C} .`	$\Gamma \omega:=i^{p(p-1)+l} * \omega, \quad \omega \in \Lambda^{p}(M) \otimes \mathcal{C} .$	$\Gamma \omega:=i^{p(p-1)+l} * \omega, \quad \omega \in \Lambda^{p}(M) \otimes \mathcal{C} .$
cardona-qft-methods_EQ0212	98	1.000	`\operatorname{Ind}_{G}\left(\mathcal{D}^{+}\right) \in R(G) .`	$\operatorname{Ind}_{G}\left(\mathcal{D}^{+}\right) \in R(G) .$	$\operatorname{Ind}_{G}\left(\mathcal{D}^{+}\right) \in R(G) .$
cardona-qft-methods_EQ0213 (1)	98	1.000	`\mathbf{v}: M \rightarrow \mathfrak{g}=\operatorname{Lie} G .`	$\mathbf{v}: M \rightarrow \mathfrak{g}=\operatorname{Lie} G .$	$\mathbf{v}: M \rightarrow \mathfrak{g}=\operatorname{Lie} G .$
cardona-qft-methods_EQ0215	99	1.000	`G=S^{1}=\{z \in \mathcal{C}:|z|=1\}`	$G=S^{1}=\{z \in \mathcal{C}:\|z\|=1\}$	$G=S^{1}=\{z \in \mathcal{C}:\|z\|=1\}$
cardona-qft-methods_EQ0216 (3)	99	1.000	`v(x) \neq 0, \quad \text { for all } \quad x \notin K .`	$v(x) \neq 0, \quad \text { for all } \quad x \notin K .$	$v(x) \neq 0, \quad \text { for all } \quad x \notin K .$
cardona-qft-methods_EQ0218	100	1.000	`c(\xi+v): \pi^{*} E^{+} \rightarrow \pi^{*} E^{-} .`	$c(\xi+v): \pi^{*} E^{+} \rightarrow \pi^{*} E^{-} .$	$c(\xi+v): \pi^{*} E^{+} \rightarrow \pi^{*} E^{-} .$
cardona-qft-methods_EQ0219	100	1.000	`\mathrm{t}-\operatorname{Ind}_{G}(c(\xi+v)) \in \widehat{R}(G) .`	$\mathrm{t}-\operatorname{Ind}_{G}(c(\xi+v)) \in \widehat{R}(G) .$	$\mathrm{t}-\operatorname{Ind}_{G}(c(\xi+v)) \in \widehat{R}(G) .$
cardona-qft-methods_EQ0220 (5)	100	1.000	`\mathrm{t}-\operatorname{Ind}_{G}(E, \mathbf{v}):= \mathrm{t}-\operatorname{Ind}_{G}(c(\xi+v)) .`	$\mathrm{t}-\operatorname{Ind}_{G}(E, \mathbf{v}):= \mathrm{t}-\operatorname{Ind}_{G}(c(\xi+v)) .$	$\mathrm{t}-\operatorname{Ind}_{G}(E, \mathbf{v}):= \mathrm{t}-\operatorname{Ind}_{G}(c(\xi+v)) .$
cardona-qft-methods_EQ0221 (6)	101	1.000	`\mathcal{D}_{f v}=\mathcal{D}+i c(f v),`	$\mathcal{D}_{f v}=\mathcal{D}+i c(f v),$	$\mathcal{D}_{f v}=\mathcal{D}+i c(f v),$
cardona-qft-methods_EQ0222 (7)	101	1.000	`\operatorname{Ker} \mathcal{D}_{f v}^{+}=\sum_{V \in \operatorname{Irr}(G)} m_{V}^{+} \cdot V, \quad \operatorname{Coker} \mathcal{D}_{f v}^{+}=\sum_{V \in \operatorname{Irr}(G)} m_{V}^{-} \cdot V,`	$\operatorname{Ker} \mathcal{D}_{f v}^{+}=\sum_{V \in \operatorname{Irr}(G)} m_{V}^{+} \cdot V, \quad \operatorname{Coker} \mathcal{D}_{f v}^{+}=\sum_{V \in \operatorname{Irr}(G)} m_{V}^{-} \cdot V,$	$\operatorname{Ker} \mathcal{D}_{f v}^{+}=\sum_{V \in \operatorname{Irr}(G)} m_{V}^{+} \cdot V, \quad \operatorname{Coker} \mathcal{D}_{f v}^{+}=\sum_{V \in \operatorname{Irr}(G)} m_{V}^{-} \cdot V,$
cardona-qft-methods_EQ0223 (8)	101	1.000	`\operatorname{Ind}_{G}\left(\mathcal{D}_{f v}^{+} \right)=\sum_{V \in \operatorname{Irr}(G)} \left(m_{V}^{+}-m_{V}^{-}\right) \cdot V \in \widehat{R}(G) .`	$\operatorname{Ind}_{G}\left(\mathcal{D}_{f v}^{+} \right)=\sum_{V \in \operatorname{Irr}(G)} \left(m_{V}^{+}-m_{V}^{-}\right) \cdot V \in \widehat{R}(G) .$	$\operatorname{Ind}_{G}\left(\mathcal{D}_{f v}^{+} \right)=\sum_{V \in \operatorname{Irr}(G)} \left(m_{V}^{+}-m_{V}^{-}\right) \cdot V \in \widehat{R}(G) .$
cardona-qft-methods_EQ0224 (9)	101	1.000	`\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v}):= \operatorname{Ind}_{G}\left(\mathcal{D}_{f v}^{+}\right),`	$\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v}):= \operatorname{Ind}_{G}\left(\mathcal{D}_{f v}^{+}\right),$	$\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v}):= \operatorname{Ind}_{G}\left(\mathcal{D}_{f v}^{+}\right),$
cardona-qft-methods_EQ0225	102	1.000	`E^{ \pm}=M \times \mathbb{R}`	$E^{\pm}=M \times \mathbb{R}$	$E^{\pm}=M \times \mathbb{R}$
cardona-qft-methods_EQ0226	102	1.000	`c(\xi):=\frac{1}{i}\left(\xi_{1} \sigma_{1}+\xi_{2} \sigma_{2}\right), \quad \xi=\left(\xi_{1}, \xi_{2} \right) \in T^{*} M \simeq \mathbb{R}^{2},`	$c(\xi):=\frac{1}{i}\left(\xi_{1} \sigma_{1}+\xi_{2} \sigma_{2}\right), \quad \xi=\left(\xi_{1}, \xi_{2} \right) \in T^{*} M \simeq \mathbb{R}^{2},$	$c(\xi):=\frac{1}{i}\left(\xi_{1} \sigma_{1}+\xi_{2} \sigma_{2}\right), \quad \xi=\left(\xi_{1}, \xi_{2} \right) \in T^{*} M \simeq \mathbb{R}^{2},$
cardona-qft-methods_EQ0228 (10)	102	1.000	`\operatorname{Ind}(\mathcal{D}, \mathbf{v})=\mathrm{t}-\operatorname{Ind}(E, \mathbf{v}) .`	$\operatorname{Ind}(\mathcal{D}, \mathbf{v})=\mathrm{t}-\operatorname{Ind}(E, \mathbf{v}) .$	$\operatorname{Ind}(\mathcal{D}, \mathbf{v})=\mathrm{t}-\operatorname{Ind}(E, \mathbf{v}) .$
cardona-qft-methods_EQ0229 (11)	102	1.000	`\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v})= \operatorname{Ind}_{G}(\mathcal{D}) .`	$\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v})= \operatorname{Ind}_{G}(\mathcal{D}) .$	$\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v})= \operatorname{Ind}_{G}(\mathcal{D}) .$
cardona-qft-methods_EQ0230	103	1.000	`M \backslash \Sigma=M_{1} \sqcup M_{2} .`	$M \backslash \Sigma=M_{1} \sqcup M_{2} .$	$M \backslash \Sigma=M_{1} \sqcup M_{2} .$
cardona-qft-methods_EQ0231 (12)	103	1.000	`\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v})= \operatorname{Ind}_{G}\left(\mathcal{D}_{1}, \mathbf{v}_{1}\right)+\operatorname{Ind}_{G}\left( \mathcal{D}_{2}, \mathbf{v}_{2}\right) .`	$\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v})= \operatorname{Ind}_{G}\left(\mathcal{D}_{1}, \mathbf{v}_{1}\right)+\operatorname{Ind}_{G}\left(\mathcal{D}_{2}, \mathbf{v}_{2}\right) .$	$\operatorname{Ind}_{G}(\mathcal{D}, \mathbf{v})= \operatorname{Ind}_{G}\left(\mathcal{D}_{1}, \mathbf{v}_{1}\right)+\operatorname{Ind}_{G}\left(\mathcal{D}_{2}, \mathbf{v}_{2}\right) .$

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cardona-qft-methods_EQ0232	109	1.000	`\chi(X)=s_{0}-s_{1}+s_{2}-\cdots`	$\chi(X)=s_0-s_1+s_2-\cdots$	$\chi(X)=s_0-s_1+s_2-\cdots$
cardona-qft-methods_EQ0235	112	1.000	`\left[\mathbb{P}^{n-1}\right]=1+\mathbb{L}+\cdots+\mathbb{L}^{n}=\frac{\mathbb{L}^{n}-1}{\mathbb{L}-1}`	$\left[\mathbb{P}^{n-1}\right]=1+\mathbb{L}+\cdots+\mathbb{L}^{n}=\frac{\mathbb{L}^{n}-1}{\mathbb{L}-1}$	$\left[\mathbb{P}^{n-1}\right]=1+\mathbb{L}+\cdots+\mathbb{L}^{n}=\frac{\mathbb{L}^{n}-1}{\mathbb{L}-1}$
cardona-qft-methods_EQ0239 (4)	114	1.000	`\int c(T X) \cap[X]=\chi(X)`	$\int c(TX)\cap[X]=\chi(X)$	$\int c(TX)\cap[X]=\chi(X)$.
cardona-qft-methods_EQ0240	115	1.000	`f_{*}\left(\mathbb{1}_{Z}\right)(p)=\chi\left(f^{-1}(p) \cap Z\right)`	$f_*\left(\mathbb{1}_Z\right)(p)=\chi\left(f^{-1}(p)\cap Z\right)$	$f_*\left(\mathbb{1}_Z\right)(p)=\chi\left(f^{-1}(p)\cap Z\right)$
cardona-qft-methods_EQ0242 (5)	116	1.000	`\int c_{\mathrm{SM}}(X)=\kappa_{*} c_{\mathrm{SM}}\left(\mathbb{1}_{X}\right)=c_{\mathrm{SM}}\left(\kappa_{*}\mathbb{1}_{X}\right)=\chi(X) c_{\mathrm{SM}}\left(\mathbb{1}_{\mathrm{pt}}\right)=\chi(X)`	$\int c_{\mathrm{SM}}(X)=\kappa_{*} c_{\mathrm{SM}}\left(\mathbb{1}_{X}\right)=c_{\mathrm{SM}}\left(\kappa_{*}\mathbb{1}_{X}\right)=\chi(X) c_{\mathrm{SM}}\left(\mathbb{1}_{\mathrm{pt}}\right)=\chi(X)$	$\int c_{\mathrm{SM}}(X)=\kappa_{*} c_{\mathrm{SM}}\left(\mathbb{1}_{X}\right)=c_{\mathrm{SM}}\left(\kappa_{*}\mathbb{1}_{X}\right)=\chi(X) c_{\mathrm{SM}}\left(\mathbb{1}_{\mathrm{pt}}\right)=\chi(X)$
cardona-qft-methods_EQ0243	116	1.000	`\begin{aligned} c_{\mathrm{SM}}(X) & =c_{\mathrm{SM}}\left(\mathbb{1}_{X}\right)=c_{\mathrm{SM}}\left(\mathbb{1}_{Z}+\mathbb{1}_{X \backslash Z}\right) \\ & =c_{\mathrm{SM}}\left(\mathbb{1}_{Z}\right)+c_{\mathrm{SM}}\left(\mathbb{1}_{X \backslash Z}\right)=c_{\mathrm{SM}}(Z)+c_{\mathrm{SM}}(X \backslash Z) \end{aligned}`	$\begin{aligned} c_{\mathrm{SM}}(X) & =c_{\mathrm{SM}}\left(\mathbb{1}_{X}\right)=c_{\mathrm{SM}}\left(\mathbb{1}_{Z}+\mathbb{1}_{X \backslash Z}\right) \\ & =c_{\mathrm{SM}}\left(\mathbb{1}_{Z}\right)+c_{\mathrm{SM}}\left(\mathbb{1}_{X \backslash Z}\right)=c_{\mathrm{SM}}(Z)+c_{\mathrm{SM}}(X \backslash Z) \end{aligned}$	$\begin{aligned} c_{\mathrm{SM}}(X) & =c_{\mathrm{SM}}\left(\mathbb{1}_{X}\right)=c_{\mathrm{SM}}\left(\mathbb{1}_{Z}+\mathbb{1}_{X \backslash Z}\right) \\ & =c_{\mathrm{SM}}\left(\mathbb{1}_{Z}\right)+c_{\mathrm{SM}}\left(\mathbb{1}_{X \backslash Z}\right)=c_{\mathrm{SM}}(Z)+c_{\mathrm{SM}}(X \backslash Z) \end{aligned}$
cardona-qft-methods_EQ0244	116	1.000	`c_{\mathrm{SM}}\left(\mathbb{P}^{1}\right)=c\left(T \mathbb{P}^{1}\right) \cap\left[\mathbb{P}^{1}\right]=\left(1+c_{1}\left(T \mathbb{P}^{1}\right)\right) \cap \left[\mathbb{P}^{1}\right]=\left[\mathbb{P}^{1}\right]+ \chi\left(\mathbb{P}^{1}\right)\left[\mathbb{P}^{0} \right]=\left[\mathbb{P}^{1}\right]+2\left[\mathbb{P}^{0} \right] .`	$c_{\mathrm{SM}}\left(\mathbb{P}^{1}\right)=c\left(T \mathbb{P}^{1}\right) \cap\left[\mathbb{P}^{1}\right]=\left(1+c_{1}\left(T \mathbb{P}^{1}\right)\right) \cap \left[\mathbb{P}^{1}\right]=\left[\mathbb{P}^{1}\right]+ \chi\left(\mathbb{P}^{1}\right)\left[\mathbb{P}^{0} \right]=\left[\mathbb{P}^{1}\right]+2\left[\mathbb{P}^{0} \right] .$	$c_{\mathrm{SM}}\left(\mathbb{P}^{1}\right)=c\left(T \mathbb{P}^{1}\right) \cap\left[\mathbb{P}^{1}\right]=\left(1+c_{1}\left(T \mathbb{P}^{1}\right)\right) \cap \left[\mathbb{P}^{1}\right]=\left[\mathbb{P}^{1}\right]+ \chi\left(\mathbb{P}^{1}\right)\left[\mathbb{P}^{0} \right]=\left[\mathbb{P}^{1}\right]+2\left[\mathbb{P}^{0} \right] .$
cardona-qft-methods_EQ0245 (6)	116	1.000	`c_{\mathrm{SM}}\left(\mathbb{P}^{n}\right)= \left[\mathbb{P}^{n}\right]+\binom{n+1}{1}\left[ \mathbb{P}^{n-1}\right]+\binom{n+1}{2}\left[ \mathbb{P}^{n-2}\right]+\cdots+\binom{n+1}{n}\left[ \mathbb{P}^{0}\right] .`	$c_{\mathrm{SM}}\left(\mathbb{P}^{n}\right)=\left[\mathbb{P}^{n}\right]+\binom{n+1}{1}\left[\mathbb{P}^{n-1}\right]+\binom{n+1}{2}\left[\mathbb{P}^{n-2}\right]+\cdots+\binom{n+1}{n}\left[\mathbb{P}^{0}\right] .$	$c_{\mathrm{SM}}\left(\mathbb{P}^{n}\right)=\left[\mathbb{P}^{n}\right]+\binom{n+1}{1}\left[\mathbb{P}^{n-1}\right]+\binom{n+1}{2}\left[\mathbb{P}^{n-2}\right]+\cdots+\binom{n+1}{n}\left[\mathbb{P}^{0}\right] .$
cardona-qft-methods_EQ0246	116	1.000	`c_{\mathrm{SM}}\left(\mathbb{P}^{n}\right)=(1+H)^{n+1} \cap\left[\mathbb{P}^{n}\right]`	$c_{\mathrm{SM}}\left(\mathbb{P}^{n}\right)=(1+H)^{n+1} \cap\left[\mathbb{P}^{n}\right]$	$c_{\mathrm{SM}}\left(\mathbb{P}^{n}\right)=(1+H)^{n+1} \cap\left[\mathbb{P}^{n}\right]$
cardona-qft-methods_EQ0247	117	1.000	`c_{\mathrm{SM}}(C)=c_{\mathrm{SM}}\left(\mathbb{1}_{C} \right)=c(T C) \cap[C]=\left(1+c_{1}(T C)\right) \cap[C]=2\left[\mathbb{P}^{1}\right]+2\left[ \mathbb{P}^{0}\right] .`	$c_{\mathrm{SM}}(C)=c_{\mathrm{SM}}\left(\mathbb{1}_{C} \right)=c(T C) \cap[C]=\left(1+c_{1}(T C)\right) \cap[C]=2\left[\mathbb{P}^{1}\right]+2\left[\mathbb{P}^{0}\right] .$	$c_{\mathrm{SM}}(C)=c_{\mathrm{SM}}\left(\mathbb{1}_{C} \right)=c(T C) \cap[C]=\left(1+c_{1}(T C)\right) \cap[C]=2\left[\mathbb{P}^{1}\right]+2\left[\mathbb{P}^{0}\right] .$
cardona-qft-methods_EQ0248	117	1.000	`c_{\mathrm{SM}}\left(L_{1}\right)+c_{\mathrm{SM}} \left(L_{2}\right)-c_{\mathrm{SM}}\left(L_{1} \cap L_{2}\right)=2 c_{\mathrm{SM}}\left(\mathbb{P}^{1} \right)-c_{\mathrm{SM}}\left(\mathbb{P}^{0}\right)=2 \left[\mathbb{P}^{1}\right]+3\left[\mathbb{P}^{0}\right] .`	$c_{\mathrm{SM}}\left(L_{1}\right)+c_{\mathrm{SM}}\left(L_{2}\right)-c_{\mathrm{SM}}\left(L_{1} \cap L_{2}\right)=2 c_{\mathrm{SM}}\left(\mathbb{P}^{1} \right)-c_{\mathrm{SM}}\left(\mathbb{P}^{0}\right)=2 \left[\mathbb{P}^{1}\right]+3\left[\mathbb{P}^{0}\right] .$	$c_{\mathrm{SM}}\left(L_{1}\right)+c_{\mathrm{SM}}\left(L_{2}\right)-c_{\mathrm{SM}}\left(L_{1} \cap L_{2}\right)=2 c_{\mathrm{SM}}\left(\mathbb{P}^{1} \right)-c_{\mathrm{SM}}\left(\mathbb{P}^{0}\right)=2 \left[\mathbb{P}^{1}\right]+3\left[\mathbb{P}^{0}\right] .$
cardona-qft-methods_EQ0249	118	1.000	`S(\phi)=\int L(\phi) d^{D} x`	$S(\phi)=\int L(\phi) d^{D} x$	$S(\phi)=\int L(\phi) d^{D} x$

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cardona-qft-methods_EQ0251	118	■1.000	`G(\phi)=\frac{1}{N!} \int_{\sum_{i} p_{i}=0} \hat{\phi} \left(p_{1}\right) \cdots \hat{\phi}\left(p_{N}\right) U \left(G\left(p_{1}, \ldots, p_{N}\right)\right) d p_{1} \cdots d p_{N}`	$G(\phi)=\frac{1}{N!} \int_{\sum_{i} p_{i}=0} \hat{\phi}\left(p_{1}\right) \cdots \hat{\phi}\left(p_{N}\right) U\left(G\left(p_{1}, \ldots, p_{N}\right)\right) d p_{1} \cdots d p_{N}$	$G(\phi)=\frac{1}{N!} \int_{\sum_{i} p_{i}=0} \hat{\phi}(p_{1}) \cdots \hat{\phi}(p_{N}) U(G(p_{1}, \ldots, p_{N})) d p_{1} \cdots d p_{N}$.
cardona-qft-methods_EQ0252	118	■1.000	`U\left(G\left(p_{1}, \ldots, p_{N}\right)\right)=\int I_{G}\left(k_{1}, \ldots, k_{\ell}, p_{1}, \ldots, p_{N}\right) d^{D} k_{1} \cdots d^{D} k_{\ell}`	$U\left(G\left(p_{1}, \ldots, p_{N}\right)\right)=\int I_{G}\left(k_{1}, \ldots, k_{\ell}, p_{1}, \ldots, p_{N}\right) d^{D} k_{1} \cdots d^{D} k_{\ell}$	$U(G(p_{1}, \ldots, p_{N}))=\int I_{G}(k_{1}, \ldots, k_{\ell}, p_{1}, \ldots, p_{N}) d^{D} k_{1} \cdots d^{D} k_{\ell}$,
cardona-qft-methods_EQ0253 (2)	119	■1.000	`U(G)=\frac{\Gamma(n-D \ell / 2)}{(4 \pi)^{\ell D / 2}} \int_{\sigma_{n}} \frac{P_{G}(\underline{t}, p)^{-n+D \ell / 2} \omega_{n}}{\Psi_{G}(\underline{t})^{-n+D(\ell+1) / 2}} .`	$U(G)=\frac{\Gamma(n-D \ell / 2)}{(4 \pi)^{\ell D / 2}} \int_{\sigma_{n}} \frac{P_{G}(\underline{t}, p)^{-n+D \ell / 2} \omega_{n}}{\Psi_{G}(\underline{t})^{-n+D(\ell+1) / 2}}$.	$U(G)=\frac{\Gamma(n-D \ell / 2)}{(4 \pi)^{\ell D / 2}} \int_{\sigma_{n}} \frac{P_{G}(\underline{t}, p)^{-n+D \ell / 2} \omega_{n}}{\Psi_{G}(\underline{t})^{-n+D(\ell+1) / 2}}$.
cardona-qft-methods_EQ0255	119	■1.000	`U(G)=\frac{\Gamma(2-D / 2)}{(4 \pi)^{D / 2}} \int_{ \sigma_{2}} \frac{\left(p^{2} t_{1} t_{2}\right)^{-2+D / 2} \omega_{2}}{\left(t_{1}+t_{2}\right)^{-2+D}}`	$U(G)=\frac{\Gamma(2-D / 2)}{(4 \pi)^{D / 2}} \int_{\sigma_{2}} \frac{\left(p^{2} t_{1} t_{2}\right)^{-2+D / 2} \omega_{2}}{\left(t_{1}+t_{2}\right)^{-2+D}}$	$U(G)=\frac{\Gamma(2-D / 2)}{(4 \pi)^{D / 2}} \int_{\sigma_{2}} \frac{\left(p^{2} t_{1} t_{2}\right)^{-2+D / 2} \omega_{2}}{\left(t_{1}+t_{2}\right)^{-2+D}}$
cardona-qft-methods_EQ0256	120	■1.000	`\int_{\text {cycle } \sigma} \frac{\text { diff. form }}{ \Psi_{G}(t)^{M}}`	$\int_{\text {cycle } \sigma} \frac{\text { diff. form }}{\Psi_{G}(t)^{M}}$	$\int_{\text {cycle } \sigma} \frac{\text { diff. form }}{\Psi_{G}(t)^{M}}$
cardona-qft-methods_EQ0257	120	■1.000	`\zeta\left(n_{1}, \ldots, n_{r}\right)=\sum_{0<k_{1}< \cdots<k_{r}} \frac{1}{k_{1}^{n_{1}} \cdots k_{r}^{n_{r}}}`	$\zeta\left(n_{1}, \ldots, n_{r}\right)=\sum_{0<k_{1}< \cdots<k_{r}} \frac{1}{k_{1}^{n_{1}} \cdots k_{r}^{n_{r}}}$	$\zeta(n_{1}, \ldots, n_{r})=\sum_{0<k_{1}< \cdots<k_{r}} \frac{1}{k_{1}^{n_{1}} \cdots k_{r}^{n_{r}}}$
cardona-qft-methods_EQ0258	121	■1.000	`\Psi_{G}\left(t_{1}, \ldots, t_{n}\right):=\sum_{T} \prod_{e \notin T} t_{e}`	$\Psi_{G}\left(t_{1}, \ldots, t_{n}\right):=\sum_{T} \prod_{e \notin T} t_{e}$	$\Psi_{G}(t_{1}, \ldots, t_{n}):=\sum_{T} \prod_{e \notin T} t_{e}$
cardona-qft-methods_EQ0259	122	■1.000	`\Psi_{G}(\underline{t})=t_{2} t_{3}+t_{1} t_{3}+t_{1} t_{2}=t_{1} t_{2} t_{3}\left(\frac{1}{t_{1}}+ \frac{1}{t_{2}}+\frac{1}{t_{3}}\right)`	$\Psi_{G}(\underline{t})=t_{2} t_{3}+t_{1} t_{3}+t_{1} t_{2}=t_{1} t_{2} t_{3}\left(\frac{1}{t_{1}}+\frac{1}{t_{2}}+\frac{1}{t_{3}}\right)$	$\Psi_{G}(\underline{t})=t_{2} t_{3}+t_{1} t_{3}+t_{1} t_{2}=t_{1} t_{2} t_{3}\left(\frac{1}{t_{1}}+\frac{1}{t_{2}}+\frac{1}{t_{3}}\right)$
cardona-qft-methods_EQ0260	122	■1.000	`\Psi_{G}(\underline{t})=t_{1} \cdots t_{n}\left( \frac{1}{t_{1}}+\cdots+\frac{1}{t_{n}}\right)`	$\Psi_{G}(\underline{t})=t_{1} \cdots t_{n}\left(\frac{1}{t_{1}}+\cdots+\frac{1}{t_{n}}\right)$	$\Psi_{G}(\underline{t})=t_{1} \cdots t_{n}\left(\frac{1}{t_{1}}+\cdots+\frac{1}{t_{n}}\right)$
cardona-qft-methods_EQ0266	127	■1.000	`\Psi_{G}\left(t_{1}, \ldots, t_{n_{1}}, u_{1}, \ldots, u_{n_{2}}\right) \neq 0`	$\Psi_{G}\left(t_{1}, \ldots, t_{n_{1}}, u_{1}, \ldots, u_{n_{2}}\right) \neq 0$	$\Psi_{G}(t_{1}, \ldots, t_{n_{1}}, u_{1}, \ldots, u_{n_{2}}) \neq 0$,
cardona-qft-methods_EQ0269	129	■1.000	`c_{\mathrm{SM}}\left(\mathbb{1}_{\hat{X}}\right)=a_{0} \left[\mathbb{P}^{0}\right]+a_{1}\left[\mathbb{P}^{1} \right]+\cdots+a_{n}\left[\mathbb{P}^{n}\right] .`	$c_{\mathrm{SM}}\left(\mathbb{1}_{\hat{X}}\right)=a_{0}\left[\mathbb{P}^{0}\right]+a_{1}\left[\mathbb{P}^{1}\right]+\cdots+a_{n}\left[\mathbb{P}^{n}\right]$.	$c_{\mathrm{SM}}(\mathbb{1}_{\hat{X}})=a_{0}[\mathbb{P}^{0}]+a_{1}[\mathbb{P}^{1}]+\cdots+a_{n}[\mathbb{P}^{n}]$.
cardona-qft-methods_EQ0270	130	■1.000	`\begin{aligned} c_{\mathrm{SM}}\left(\mathbb{1}_{ \mathbb{A}^{n}}\right) & =c_{\mathrm{SM}}\left(\mathbb{1}_{\mathbb{P}^{n}}-\mathbb{1}_{\mathbb{P}^{n-1}} \right) \\ & =\left((1+H)^{n+1}-(1+H)^{n} H\right) \cap\left[\mathbb{P}^{n}\right]=(1+H)^{n} \cap\left[\mathbb{P}^{n}\right] \\ & =\sum_{i=0}^{n}\binom{n}{i} \left[\mathbb{P}^{i}\right] \rightsquigarrow F_{ \mathbb{A}^{n}}(T)=\sum_{i=0}^{n}\binom{n}{i} T^{i} . \end{aligned}`	$\begin{aligned} c_{\mathrm{SM}}\left(\mathbb{1}_{\mathbb{A}^{n}}\right) & =c_{\mathrm{SM}}\left(\mathbb{1}_{\mathbb{P}^{n}}-\mathbb{1}_{\mathbb{P}^{n-1}}\right) \\ & =\left((1+H)^{n+1}-(1+H)^{n} H\right) \cap\left[\mathbb{P}^{n}\right]=(1+H)^{n} \cap\left[\mathbb{P}^{n}\right] \\ & =\sum_{i=0}^{n}\binom{n}{i}\left[\mathbb{P}^{i}\right] \rightsquigarrow F_{\mathbb{A}^{n}}(T)=\sum_{i=0}^{n}\binom{n}{i} T^{i}. \end{aligned}$	$\begin{aligned} c_{\mathrm{SM}}(\mathbb{1}_{\mathbb{A}^{n}}) & =c_{\mathrm{SM}}(\mathbb{1}_{\mathbb{P}^{n}}-\mathbb{1}_{\mathbb{P}^{n-1}}) \\ & =((1+H)^{n+1}-(1+H)^{n} H) \cap[\mathbb{P}^{n}]=(1+H)^{n} \cap[\mathbb{P}^{n}] \\ & =\sum_{i=0}^{n}\binom{n}{i}[\mathbb{P}^{i}] \rightsquigarrow F_{\mathbb{A}^{n}}(T)=\sum_{i=0}^{n}\binom{n}{i} T^{i} \end{aligned}$.

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cardona-qft-methods_EQ0271	130	■1.000	\begin{aligned} C_{G}(T) & =F_{\mathbb{A}^{n} \backslash \mathbb{A}^{n-1}}(T)=(1+T)^{n}-(1+T)^{n-1} \\ & =(1+T-1)(1+T)^{n-1}=T(1+T)^{n-1} \end{aligned}	$\begin{aligned} C_{G}(T) & =F_{\mathbb{A}^{n} \backslash \mathbb{A}^{n-1}}(T)=(1+T)^{n}-(1+T)^{n-1} \\ & =(1+T-1)(1+T)^{n-1}=T(1+T)^{n-1} \end{aligned}$	$\begin{aligned} C_{G}(T) & =F_{\mathbb{A}^{n} \backslash \mathbb{A}^{n-1}}(T)=(1+T)^{n}-(1+T)^{n-1} \\ & =(1+T-1)(1+T)^{n-1}=T(1+T)^{n-1} \end{aligned}$
cardona-qft-methods_EQ0273	132	■1.000	T_{G}(x, y)=T_{G / e}(x, y)+T_{G \backslash e}(x, y)	$T_{G}(x, y)=T_{G / e}(x, y)+T_{G \backslash e}(x, y)$	$T_{G}(x, y)=T_{G / e}(x, y)+T_{G \backslash e}(x, y)$
cardona-qft-methods_EQ0274	133	■1.000	\gamma^{b_{0}(G)} \alpha^{\# V(G)-b_{0}(G)} \beta^{b_{1}(G)} T_{G}\left(\frac{\gamma x}{\alpha}, \frac{y}{\beta}\right)	$\gamma^{b_{0}(G)} \alpha^{\# V(G)-b_{0}(G)} \beta^{b_{1}(G)} T_{G}\left(\frac{\gamma x}{\alpha}, \frac{y}{\beta}\right)$	$\gamma^{b_{0}(G)} \alpha^{\# V(G)-b_{0}(G)} \beta^{b_{1}(G)} T_{G}\left(\frac{\gamma x}{\alpha}, \frac{y}{\beta}\right)$
cardona-qft-methods_EQ0275	134	■1.000	T_{G_{1} \cup G_{2}}(x, y)=T_{G_{1}}(x, y) \cdot T_{G_{2}}(x, y)	$T_{G_{1} \cup G_{2}}(x, y)=T_{G_{1}}(x, y) \cdot T_{G_{2}}(x, y)$	$T_{G_{1} \cup G_{2}}(x, y)=T_{G_{1}}(x, y) \cdot T_{G_{2}}(x, y)$
cardona-qft-methods_EQ0276	134	■1.000	\begin{aligned} T_{G_{2 e}}(x, y) & =T_{G}(x, y)+y T_{G / e}(x, y) \\ & =T_{G \backslash e}(x, y)+(y+1) T_{G / e}(x, y) \end{aligned}	$\begin{aligned} T_{G_{2 e}}(x, y) & =T_{G}(x, y)+y T_{G / e}(x, y) \\ & =T_{G \backslash e}(x, y)+(y+1) T_{G / e}(x, y) \end{aligned}$	$\begin{aligned} T_{G_{2 e}}(x, y) & =T_{G}(x, y)+y T_{G / e}(x, y) \\ & =T_{G \backslash e}(x, y)+(y+1) T_{G / e}(x, y) \end{aligned}$
cardona-qft-methods_EQ0277	134	■1.000	\sum_{m \geq 0} T_{G_{m e}}(x, y) \frac{s^{m}}{m!}=e^{s} \left(T_{G \backslash e}(x, y)+\frac{e^{(y-1) s}-1}{y-1} T_{G / e}(x, y)\right)	$\sum_{m \geq 0} T_{G_{m e}}(x, y) \frac{s^{m}}{m!}=e^{s} \left(T_{G \backslash e}(x, y)+\frac{e^{(y-1) s}-1}{y-1} T_{G / e}(x, y)\right)$	$\sum_{m \geq 0} T_{G_{m e}}(x, y) \frac{s^{m}}{m!}=e^{s} \left(T_{G \backslash e}(x, y)+\frac{e^{(y-1) s}-1}{y-1} T_{G / e}(x, y)\right) \quad ,$
cardona-qft-methods_EQ0280	136	■1.000	\chi\left(Y_{G_{m e}}\right)=(-1)^{m-1}\left(\chi \left(Y_{G}\right)-\chi\left(Y_{G / e}\right)\right),	$\chi\left(Y_{G_{m e}}\right)=(-1)^{m-1}\left(\chi \left(Y_{G}\right)-\chi\left(Y_{G / e}\right)\right),$	$\chi\left(Y_{G_{m e}}\right)=(-1)^{m-1}\left(\chi \left(Y_{G}\right)-\chi\left(Y_{G / e}\right)\right) \quad ,$
cardona-qft-methods_EQ0281 (1)	137	■1.000	\Psi_{G}=t_{e} \Psi_{G \backslash e}+\Psi_{G / e}	$\Psi_{G}=t_{e} \Psi_{G \backslash e}+\Psi_{G / e}$	$\Psi_{G}=t_{e} \Psi_{G \backslash e}+\Psi_{G / e} \quad .$
cardona-qft-methods_EQ0285	137	■1.000	C_{G}(T)=C_{G \backslash e, G / e}(T)+(T-1) C_{G \backslash e}(T)	$C_{G}(T)=C_{G \backslash e, G / e}(T)+(T-1) C_{G \backslash e}(T)$	$C_{G}(T)=C_{G \backslash e, G / e}(T)+(T-1) C_{G \backslash e}(T) \quad .$
cardona-qft-methods_EQ0288	138	■1.000	C_{G}(T)=(2 T-1) T(1+T)^{2}-T(T-1)(1+T)^{2}+T(1+T)=T(1+T) \left(1+T+T^{2}\right)	$C_{G}(T)=(2 T-1) T(1+T)^{2}-T(T-1)(1+T)^{2}+T(1+T)=T(1+T)\left(1+T+T^{2}\right)$	$C_{G}(T)=(2 T-1) T(1+T)^{2}-T(T-1)(1+T)^{2}+T(1+T)=T(1+T)\left(1+T+T^{2}\right)$
cardona-qft-methods_EQ0291	139	■1.000	\Psi_{G}=t_{e} \Psi_{G \backslash e}+\Psi_{G / e}	$\Psi_{G}=t_{e} \Psi_{G \backslash e}+\Psi_{G / e}$	$\Psi_{G}=t_{e} \Psi_{G \backslash e}+\Psi_{G / e}$
cardona-qft-methods_EQ0293	142	■1.000	\mathbb{U}(G) \equiv-\mathbb{U}(G \backslash e) \quad \bmod (\mathbb{L})	$\mathbb{U}(G) \equiv-\mathbb{U}(G \backslash e) \quad \bmod (\mathbb{L})$	$\mathbb{U}(G) \equiv-\mathbb{U}(G \backslash e) \quad \bmod (\mathbb{L})$
cardona-qft-methods_EQ0294	142	■1.000	\mathbb{U}(G)=(\mathbb{L}-1) \mathbb{U}(G \backslash e) \equiv-\mathbb{U}(G \backslash e) \quad \bmod (\mathbb{L}) ;	$\mathbb{U}(G)=(\mathbb{L}-1) \mathbb{U}(G \backslash e) \equiv-\mathbb{U}(G \backslash e) \quad \bmod (\mathbb{L});$	$\mathbb{U}(G)=(\mathbb{L}-1) \mathbb{U}(G \backslash e) \equiv-\mathbb{U}(G \backslash e) \quad \bmod (\mathbb{L});$
cardona-qft-methods_EQ0295	142	■1.000	\mathbb{U}(G)=\mathbb{L} \mathbb{U}(G \backslash e) \equiv 0 \quad \bmod (\mathbb{L})	$\mathbb{U}(G)=\mathbb{L} \mathbb{U}(G \backslash e) \equiv 0 \quad \bmod (\mathbb{L})$	$\mathbb{U}(G)=\mathbb{L} \mathbb{U}(G \backslash e) \equiv 0 \quad \bmod (\mathbb{L})$
cardona-qft-methods_EQ0297 (1)	150	■1.000	\mathbf{A}_{\mu}(x) \rightarrow \mathbf{A}_{\mu}^{ \prime}(x)=g^{-1}(x)\left[\mathbf{A}_{\mu}(x)+\partial_{ \mu}\right] g(x),	$\mathbf{A}_{\mu}(x) \rightarrow \mathbf{A}_{\mu}^{\prime}(x)=g^{-1}(x)\left[\mathbf{A}_{\mu}(x)+\partial_{\mu}\right] g(x),$	$\mathbf{A}_{\mu}(x) \rightarrow \mathbf{A}_{\mu}^{\prime}(x)=g^{-1}(x)\left[\mathbf{A}_{\mu}(x)+\partial_{\mu}\right] g(x),$
cardona-qft-methods_EQ0298 (2)	150	■1.000	\mathcal{C}\left(\mathbf{A}^{\prime}\right)=\mathcal{C}(\mathbf{A})+d \Omega,	$\mathcal{C}\left(\mathbf{A}^{\prime}\right)=\mathcal{C}(\mathbf{A})+d \Omega,$	$\mathcal{C}\left(\mathbf{A}^{\prime}\right)=\mathcal{C}(\mathbf{A})+d \Omega,$
cardona-qft-methods_EQ0299 (3)	150	■1.000	L(q, \dot{q}) d t \rightarrow L\left(q^{\prime}, \dot{q}^{\prime}\right) d t^{\prime}=L(q, \dot{q}) d t+d \Omega(q, t)	$L(q, \dot{q}) d t \rightarrow L\left(q^{\prime}, \dot{q}^{\prime}\right) d t^{\prime}=L(q, \dot{q}) d t+d \Omega(q, t)$	$L(q, \dot{q}) d t \rightarrow L\left(q^{\prime}, \dot{q}^{\prime}\right) d t^{\prime}=L(q, \dot{q}) d t+d \Omega(q, t).$
cardona-qft-methods_EQ0300 (4)	150	■1.000	\int \mathbf{A}_{\mu}(x) j^{\mu}(x) d^{n} x	$\int \mathbf{A}_{\mu}(x) j^{\mu}(x) d^{n} x$	$\int \mathbf{A}_{\mu}(x) j^{\mu}(x) d^{n} x.$
cardona-qft-methods_EQ0304 (8)	152	■1.000	\mathbf{A}(x) \xrightarrow{g} \mathbf{A}^{ \prime}(x)=g^{-1}(x) \mathbf{A}(x) g(x)+g^{-1}(x) d g(x) .	$\mathbf{A}(x) \xrightarrow{g} \mathbf{A}^{\prime}(x)=g^{-1}(x) \mathbf{A}(x) g(x)+g^{-1}(x) d g(x) .$	$\mathbf{A}(x) \xrightarrow{g} \mathbf{A}^{\prime}(x)=g^{-1}(x) \mathbf{A}(x) g(x)+g^{-1}(x) d g(x) .$

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cardona-qft-methods_EQ0305 (9)	152	■1.000	`\mathbf{F} \xrightarrow{g} \mathbf{F}^{\prime}=g \mathbf{F} g^{-1} .`	$\mathbf{F} \xrightarrow{g} \mathbf{F}^{\prime}=g \mathbf{F} g^{-1}$.	$\mathbf{F} \xrightarrow{g} \mathbf{F}^{\prime}=g \mathbf{F} g^{-1}$.
cardona-qft-methods_EQ0306 (10)	152	■1.000	`\operatorname{Tr}\left(\mathbf{F}^{k}\right),`	$\operatorname{Tr}\left(\mathbf{F}^{k}\right),$	$Tr(\mathbf{F}^{k}),$
cardona-qft-methods_EQ0307 (11)	154	■1.000	`\delta_{\text {gauge }} P_{2 k}=d\left(\delta_{\text {gauge }} \mathcal{C}_{2 k-1}\right),`	$\delta_{\text {gauge }} P_{2 k}=d\left(\delta_{\text {gauge }} \mathcal{C}_{2 k-1}\right),$	$\delta_{gauge} P_{2 k}=d(\delta_{gauge} \mathcal{C}_{2 k-1}),$
cardona-qft-methods_EQ0309 (13)	154	■1.000	`\delta_{\text {gauge }} \mathcal{C}_{2 k-1}=d \Omega`	$\delta_{\text {gauge }} \mathcal{C}_{2 k-1}=d \Omega$	$\delta_{gauge} \mathcal{C}_{2 k-1}=d \Omega.$ ■
cardona-qft-methods_EQ0310 (14)	154	■1.000	`\delta_{\text {gauge }} I[A]=\int_{M^{2 n-1}} \delta_{ \text {gauge }} \mathcal{C}_{2 n-1}=\int_{M^{2 n-1}} d \Omega`	$\delta_{\text {gauge }} I[A]=\int_{M^{2 n-1}} \delta_{ \text {gauge }} \mathcal{C}_{2 n-1}=\int_{M^{2 n-1}} d \Omega$	$\delta_{gauge} I[A]=\int_{M^{2 n-1}} \delta_{gauge} \mathcal{C}_{2 n-1}=\int_{M^{2 n-1}} d \Omega,$
cardona-qft-methods_EQ0311 (15)	155	■1.000	`x^{\mu} \rightarrow x^{\prime \mu}=x^{\mu}+\xi^{\mu}(x) .`	$x^{\mu} \rightarrow x^{\prime \mu}=x^{\mu}+\xi^{\mu}(x).$	$x^{\mu} \rightarrow x^{\prime \mu}=x^{\mu}+\xi^{\mu}(x).$
cardona-qft-methods_EQ0312 (16)	155	■1.000	`v^{\prime \mu}\left(x^{\prime}\right)=L_{\nu}^{\mu}(x) v^{\nu}(x), \text { where } L_{\nu}^{\mu}(x)=\frac{ \partial x^{\prime \mu}}{\partial x^{\nu}}=\delta_{\nu}^{ \mu}+\frac{\partial \xi^{\mu}}{\partial x^{\nu}} .`	$v^{\prime \mu}\left(x^{\prime}\right)=L_{\nu}^{\mu}(x) v^{\nu}(x), \text { where } L_{\nu}^{\mu}(x)=\frac{\partial x^{\prime \mu}}{\partial x^{\nu}}=\delta_{\nu}^{\mu}+\frac{\partial \xi^{\mu}}{\partial x^{\nu}}.$	$v^{\prime \mu}\left(x^{\prime}\right)=L_{\nu}^{\mu}(x) v^{\nu}(x), \text { where } L_{\nu}^{\mu}(x)=\frac{\partial x^{\prime \mu}}{\partial x^{\nu}}=\delta_{\nu}^{\mu}+\frac{\partial \xi^{\mu}}{\partial x^{\nu}}.$
cardona-qft-methods_EQ0313 (17)	155	■1.000	`\begin{aligned} v^{\prime \mu}(x) & =L_{\nu}^{\mu}(x) v^{ \nu}(x)-\xi^{\lambda}(x) \partial_{\lambda} v^{\mu}(x) \\ & =v^{\mu}(x)+\frac{\partial \xi^{\mu}}{\partial x^{\nu}} v^{\nu}(x)-\xi^{\lambda}(x) \partial_{\lambda} v^{\mu}(x) \end{aligned}`	$\begin{aligned} v^{\prime \mu}(x) & =L_{\nu}^{\mu}(x) v^{ \nu}(x)-\xi^{\lambda}(x) \partial_{\lambda} v^{\mu}(x) \\ & =v^{\mu}(x)+\frac{\partial \xi^{\mu}}{\partial x^{\nu}} v^{\nu}(x)-\xi^{\lambda}(x) \partial_{\lambda} v^{\mu}(x) \end{aligned}$	$\begin{aligned} v^{\prime \mu}(x) & =L_{\nu}^{\mu}(x) v^{ \nu}(x)-\xi^{\lambda}(x) \partial_{\lambda} v^{\mu}(x) \\ & =v^{\mu}(x)+\frac{\partial \xi^{\mu}}{\partial x^{\nu}} v^{\nu}(x)-\xi^{\lambda}(x) \partial_{\lambda} v^{\mu}(x) \end{aligned}$
cardona-qft-methods_EQ0317 (3)	159	■1.000	`g_{\mu \nu}(x) \equiv \eta_{a b} e_{\mu}^{a}(x) e_{ \nu}^{b}(x),`	$g_{\mu \nu}(x) \equiv \eta_{a b} e_{\mu}^{a}(x) e_{\nu}^{b}(x),$	$g_{\mu \nu}(x) \equiv \eta_{a b} e_{\mu}^{a}(x) e_{\nu}^{b}(x),$
cardona-qft-methods_EQ0318 (4)	160	■1.000	`e_{\mu}^{a}(x) \longrightarrow e_{\mu}^{\prime a}(x)= \Lambda_{b}^{a}(x) e_{\mu}^{b}(x),`	$e_{\mu}^{a}(x) \longrightarrow e_{\mu}^{\prime a}(x)=\Lambda_{b}^{a}(x) e_{\mu}^{b}(x),$	$e_{\mu}^{a}(x) \longrightarrow e_{\mu}^{\prime a}(x)=\Lambda_{b}^{a}(x) e_{\mu}^{b}(x),$
cardona-qft-methods_EQ0319 (5)	160	■1.000	`\Lambda_{c}^{a}(x) \Lambda_{d}^{b}(x) \eta_{a b}=\eta_{c d},`	$\Lambda_{c}^{a}(x) \Lambda_{d}^{b}(x) \eta_{a b}=\eta_{c d},$	$\Lambda_{c}^{a}(x) \Lambda_{d}^{b}(x) \eta_{a b}=\eta_{c d},$
cardona-qft-methods_EQ0322 (8)	161	■1.000	`\omega_{b \mu}^{a}(x) \xrightarrow{\Lambda} \omega_{b \mu}^{\prime a}(x)=\Lambda_{c}^{a}(x) \Lambda_{b}^{d}(x) \omega_{d \mu}^{c}(x)+\Lambda_{c}^{a}(x) \partial_{\mu} \Lambda_{b}^{c}(x) .`	$\omega_{b \mu}^{a}(x) \xrightarrow{\Lambda} \omega_{b \mu}^{\prime a}(x)=\Lambda_{c}^{a}(x) \Lambda_{b}^{d}(x) \omega_{d \mu}^{c}(x)+\Lambda_{c}^{a}(x) \partial_{\mu} \Lambda_{b}^{c}(x).$	$\omega_{b \mu}^{a}(x) \xrightarrow{\Lambda} \omega_{b \mu}^{\prime a}(x)=\Lambda_{c}^{a}(x) \Lambda_{b}^{d}(x) \omega_{d \mu}^{c}(x)+\Lambda_{c}^{a}(x) \partial_{\mu} \Lambda_{b}^{c}(x).$
cardona-qft-methods_EQ0327 (14)	162	■1.000	`d\left(d \alpha_{p}\right)=d^{2} \alpha_{p}=0 .`	$d\left(d \alpha_{p}\right)=d^{2} \alpha_{p}=0.$	$d(d \alpha_{p})=d^{2} \alpha_{p}=0.$
cardona-qft-methods_EQ0328 (15)	162	■1.000	`\begin{aligned} D^{2} \phi^{a} & =D\left[d \phi^{a}+ \omega_{b}^{a} \phi^{b}\right] \\ & =d\left[d \phi^{a}+ \omega_{b}^{a} \phi^{b}\right]+\omega_{b}^{a}\left[d \phi^{b}+\omega_{c}^{b} \phi^{c}\right] \\ & =\left[d \omega_{b}^{a}+\omega_{c}^{a} \wedge \omega_{b}^{c} \right] \phi^{b} . \end{aligned}`	$\begin{aligned} D^{2} \phi^{a} & =D\left[d \phi^{a}+ \omega_{b}^{a} \phi^{b}\right] \\ & =d\left[d \phi^{a}+ \omega_{b}^{a} \phi^{b}\right]+\omega_{b}^{a}\left[d \phi^{b}+\omega_{c}^{b} \phi^{c}\right] \\ & =\left[d \omega_{b}^{a}+\omega_{c}^{a} \wedge \omega_{b}^{c} \right] \phi^{b} . \end{aligned}$	$\begin{aligned} D^{2} \phi^{a} & =D[d \phi^{a}+ \omega_{b}^{a} \phi^{b}] \\ & =d[d \phi^{a}+ \omega_{b}^{a} \phi^{b}]+\omega_{b}^{a}[d \phi^{b}+\omega_{c}^{b} \phi^{c}] \\ & =[d \omega_{b}^{a}+\omega_{c}^{a} \wedge \omega_{b}^{c}] \phi^{b}. \end{aligned}$
cardona-qft-methods_EQ0331 (18)	163	■1.000	`T^{a}=d e^{a}+\omega_{b}^{a} \wedge e^{b}`	$T^{a}=d e^{a}+\omega_{b}^{a} \wedge e^{b}$	$T^{a}=d e^{a}+\omega_{b}^{a} \wedge e^{b},$
cardona-qft-methods_EQ0340 (8)	166	■1.000	`\mathbf{P}_{D}=\mathbf{P}_{4 k_{1}} \mathbf{P}_{4 k_{2}} \cdots \mathbf{P}_{4 k_{r}},`	$\mathbf{P}_{D}=\mathbf{P}_{4 k_{1}} \mathbf{P}_{4 k_{2}} \cdots \mathbf{P}_{4 k_{r}},$	$\mathbf{P}_{D}=\mathbf{P}_{4 k_{1}} \mathbf{P}_{4 k_{2}} \cdots \mathbf{P}_{4 k_{r}},$

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cardona-qft-methods_EQ0341 (9)	166	■1.000	`I_{D}[e, \omega]=\kappa \int_{M} \sum_{p=0}^{[D / 2]} \alpha_{p} L_{p}^{D}`	$I_D[e,\omega]=\kappa\int_M\sum_{p=0}^{[D/2]}\alpha_p L_p^D$	$I_D[e,\omega]=\kappa\int_M\sum_{p=0}^{[D/2]}\alpha_p L_p^D$
cardona-qft-methods_EQ0342 (10)	166	■1.000	`L_{p}^{D}=\epsilon_{a_{1} \cdots a_{D}} R^{a_{1} a_{2}} \cdots R^{a_{2 p-1} a_{2 p}} e^{a_{2 p+1}} \cdots e^{a_{D}}`	$L_p^D=\epsilon_{a_1\cdots a_D}R^{a_1a_2}\cdots R^{a_{2p-1}a_{2p}}e^{a_{2p+1}}\cdots e^{a_D}$	$L_p^D=\epsilon_{a_1\cdots a_D}R^{a_1a_2}\cdots R^{a_{2p-1}a_{2p}}e^{a_{2p+1}}\cdots e^{a_D}.$ ■
cardona-qft-methods_EQ0344 (12)	167	■1.000	`\begin{aligned} I_{4} & =\kappa \int_{M} \epsilon_{a b c d}\left[\alpha_{2} R^{a b} R^{c d}+\alpha_{1} R^{a b} e^{c} e^{d}+\alpha_{0} e^{a} e^{b} e^{c} e^{d}\right] \\ & =-\kappa \int_{M} \sqrt{|g|}\left[\alpha_{2} \left(R^{\alpha \beta \gamma \delta} R_{\alpha \beta \gamma \delta}-4 R^{\alpha \beta} R_{\alpha \beta}+R^{2} \right)+2 \alpha_{1} R+24 \alpha_{0}\right] d^{4} x \\ & =-\kappa \alpha_{2} \cdot \mathbf{E}_{4}-2 \alpha_{1} \int_{M} \sqrt{|g|} R d^{4} x-24 \kappa \alpha_{0} \cdot V_{4} \end{aligned}`	$\begin{aligned} I_4 &= \kappa\int_M \epsilon_{abcd}\left[\alpha_2 R^{ab}R^{cd}+\alpha_1 R^{ab}e^c e^d+\alpha_0 e^a e^b e^c e^d\right] \\ &= -\kappa\int_M\sqrt{\|g\|}\left[\alpha_2\left(R^{\alpha\beta\gamma\delta}R_{\alpha\beta\gamma\delta}-4R^{\alpha\beta}R_{\alpha\beta}+R^2\right)+2\alpha_1 R+24\alpha_0\right]d^4x \\ &= -\kappa\alpha_2\cdot\mathbf{E}_4-2\alpha_1\int_M\sqrt{\|g\|}Rd^4x-24\kappa\alpha_0\cdot V_4 \end{aligned}$	$\begin{aligned} I_4 &= \kappa\int_M \epsilon_{abcd}\left[\alpha_2 R^{ab}R^{cd}+\alpha_1 R^{ab}e^c e^d+\alpha_0 e^a e^b e^c e^d\right] \\ &= -\kappa\int_M\sqrt{\|g\|}\left[\alpha_2\left(R^{\alpha\beta\gamma\delta}R_{\alpha\beta\gamma\delta}-4R^{\alpha\beta}R_{\alpha\beta}+R^2\right)+2\alpha_1 R+24\alpha_0\right]d^4x \\ &= -\kappa\alpha_2\cdot\mathbf{E}_4-2\alpha_1\int_M\sqrt{\|g\|}Rd^4x-24\kappa\alpha_0\cdot V_4. \end{aligned}$ (12)
cardona-qft-methods_EQ0345 (13)	167	■1.000	`\epsilon_{a b c d e} R^{a b} R^{c d} e^{e}=\sqrt{|g|} \left[R^{\alpha \beta \gamma \delta} R_{\alpha \beta \gamma \delta}-4 R^{\alpha \beta} R_{\alpha \beta}+R^{2} \right] d^{5} x .`	$\epsilon_{abcde}R^{ab}R^{cd}e^e=\sqrt{\|g\|}\left[R^{\alpha\beta\gamma\delta}R_{\alpha\beta\gamma\delta}-4R^{\alpha\beta}R_{\alpha\beta}+R^2\right]d^5x.$	$\epsilon_{abcde}R^{ab}R^{cd}e^e=\sqrt{\|g\|}\left[R^{\alpha\beta\gamma\delta}R_{\alpha\beta\gamma\delta}-4R^{\alpha\beta}R_{\alpha\beta}+R^2\right]d^5x.$
cardona-qft-methods_EQ0346 (14)	168	■1.000	`\delta I_{D}=\int\left[\delta e^{a} \mathcal{E}_{a}+ \delta \omega^{a b} \mathcal{E}_{a b}\right]=0`	$\delta I_D=\int\left[\delta e^a\mathcal{E}_a+\delta\omega^{ab}\mathcal{E}_{ab}\right]=0$	$\delta I_D=\int\left[\delta e^a\mathcal{E}_a+\delta\omega^{ab}\mathcal{E}_{ab}\right]=0,$
cardona-qft-methods_EQ0347 (15)	168	■1.000	`\mathcal{E}_{a}=\sum_{p=0}^{\left[\frac{D-1}{2}\right]} \alpha_{p}(D-2 p) \mathcal{E}_{a}^{(p)}=0`	$\mathcal{E}_a=\sum_{p=0}^{\left[\frac{D-1}{2}\right]}\alpha_p(D-2p)\mathcal{E}_a^{(p)}=0$	$\mathcal{E}_a=\sum_{p=0}^{\left[\frac{D-1}{2}\right]}\alpha_p(D-2p)\mathcal{E}_a^{(p)}=0,$
cardona-qft-methods_EQ0348 (16)	168	■1.000	`\mathcal{E}_{a b}=\sum_{p=1}^{\left[\frac{D-1}{2}\right]} \alpha_{p} p(D-2 p) \mathcal{E}_{a b}^{(p)}=0`	$\mathcal{E}_{ab}=\sum_{p=1}^{\left[\frac{D-1}{2}\right]}\alpha_p p(D-2p)\mathcal{E}_{ab}^{(p)}=0$	$\mathcal{E}_{ab}=\sum_{p=1}^{\left[\frac{D-1}{2}\right]}\alpha_p p(D-2p)\mathcal{E}_{ab}^{(p)}=0,$
cardona-qft-methods_EQ0350 (19)	168	■1.000	`T^{a}=d e^{a}+\omega^{a}{ }_{b} e^{b}=0,`	$T^a=de^a+\omega^a{}_b e^b=0,$	$T^a=de^a+\omega^a{}_b e^b=0,$
cardona-qft-methods_EQ0352	169	■1.000	`I_{D}[g]=\int_{M} d^{D} x \sqrt{g}\left[\alpha_{0}^{ \prime}+\alpha_{1}^{\prime} R+\alpha_{2}^{\prime} \left(R^{\alpha \beta \gamma \delta} R_{\alpha \beta \gamma \delta}-4 R^{\alpha \beta} R_{\alpha \beta}+R^{2} \right)+\cdots\right]`	$I_D[g]=\int_M d^Dx\sqrt{g}\left[\alpha_0'+\alpha_1'R+\alpha_2'\left(R^{\alpha\beta\gamma\delta}R_{\alpha\beta\gamma\delta}-4R^{\alpha\beta}R_{\alpha\beta}+R^2\right)+\cdots\right]$	$I_D[g]=\int_M d^Dx\sqrt{g}\left[\alpha_0'+\alpha_1'R+\alpha_2'(R^{\alpha\beta\gamma\delta}R_{\alpha\beta\gamma\delta}-4R^{\alpha\beta}R_{\alpha\beta}+R^2)+\cdots\right].$
cardona-qft-methods_EQ0353 (21)	170	■1.000	`\zeta_{0}=e^{a} T_{a},`	$\zeta_0=e^aT_a,$	$\zeta_0=e^aT_a,$
cardona-qft-methods_EQ0361 (1)	173	■1.000	`L_{3}=\epsilon_{a b c} R^{a b} e^{c} .`	$L_3=\epsilon_{abc}R^{ab}e^c.$	$L_3=\epsilon_{abc}R^{ab}e^c.$
cardona-qft-methods_EQ0365 (4)	174	■1.000	`\delta \omega^{a b}=0,`	$\delta\omega^{ab}=0,$	$\delta\omega^{ab}=0,$
cardona-qft-methods_EQ0366 (5)	174	■1.000	`\delta L_{3}=d\left[\epsilon_{a b c} R^{a b} \lambda^{c} \right],`	$\delta L_3=d\left[\epsilon_{abc}R^{ab}\lambda^c\right],$	$\delta L_3=d[\epsilon_{abc}R^{ab}\lambda^c],$

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cardona-qft-methods_EQ0367 (6)	175	1.000	L_{3}^{A d S}=\epsilon_{a b c}\left(R^{a b} e^{c} \pm \frac{1}{3 l^{2}} e^{a} e^{b} e^{c}\right)	$L_3^{AdS} = \epsilon_{abc}\left(R^{ab}e^c \pm \frac{1}{3l^2}e^a e^b e^c\right)$	$L_3^{AdS} = \epsilon_{abc}(R^{ab}e^c \pm \frac{1}{3l^2}e^a e^b e^c),$
cardona-qft-methods_EQ0369 (9)	175	1.000	\begin{aligned} \delta\left[\begin{array}{cc} \omega^{a b} & e^{a} l^{-l} \\ -e^{b} l^{-l} & 0 \end{array} \right]= & d\left[\begin{array}{cc} \lambda^{a b} & \lambda^{a} l^{-l} \\ -\lambda^{b} l^{-l} & 0 \end{array} \right] \\ & +\left[\begin{array}{cc} \omega_{c}^{a} & e^{a} l^{-l} \\ -e_{c} l^{-l} & 0 \end{array}\right] \left[\begin{array}{cc} \lambda^{c b} & \lambda^{c} l^{-1} \\ \pm \lambda^{b} l^{-1} & 0 \end{array}\right] \\ & -\left[\begin{array}{cc} \lambda^{a c} & \lambda^{a} l^{-1} \\ -\lambda^{c} l^{-1} & 0 \end{array}\right] \left[\begin{array}{cc} \omega_{c}^{b} & e_{c} l^{-1} \\ \pm e^{b} l^{-1} & 0 \end{array}\right] . \end{aligned}	$\delta\begin{bmatrix} \omega^{ab} & e^a l^{-l} \\ -e^b l^{-l} & 0 \end{bmatrix} = d\begin{bmatrix} \lambda^{ab} & \lambda^a l^{-l} \\ -\lambda^b l^{-l} & 0 \end{bmatrix} + \begin{bmatrix} \omega_c^a & e^a l^{-l} \\ -e_c l^{-l} & 0 \end{bmatrix}\begin{bmatrix} \lambda^{cb} & \lambda^c l^{-1} \\ \pm\lambda^b l^{-1} & 0 \end{bmatrix} - \begin{bmatrix} \lambda^{ac} & \lambda^a l^{-1} \\ -\lambda^c l^{-1} & 0 \end{bmatrix}\begin{bmatrix} \omega_c^b & e_c l^{-1} \\ \pm e^b l^{-1} & 0 \end{bmatrix}.$	$\delta\begin{bmatrix} \omega^{ab} & e^a l^{-l} \\ -e^b l^{-l} & 0 \end{bmatrix} = d\begin{bmatrix} \lambda^{ab} & \lambda^a l^{-l} \\ -\lambda^b l^{-l} & 0 \end{bmatrix} + \begin{bmatrix} \omega_c^a & e^a l^{-l} \\ -e_c l^{-l} & 0 \end{bmatrix}\begin{bmatrix} \lambda^{cb} & \lambda^c l^{-1} \\ \pm\lambda^b l^{-1} & 0 \end{bmatrix} - \begin{bmatrix} \lambda^{ac} & \lambda^a l^{-1} \\ -\lambda^c l^{-1} & 0 \end{bmatrix}\begin{bmatrix} \omega_c^b & e_c l^{-1} \\ \pm e^b l^{-1} & 0 \end{bmatrix}.$
cardona-qft-methods_EQ0370 (11)	175	1.000	\delta W^{A B}=d \Lambda^{A B}+W_{C}^{A} \Lambda^{C B}-\Lambda^{A C} W_{C}^{B},	$\delta W^{AB} = d\Lambda^{AB} + W_C^A\Lambda^{CB} - \Lambda^{AC}W_C^B,$	$\delta W^{AB} = d\Lambda^{AB} + W_C^A\Lambda^{CB} - \Lambda^{AC}W_C^B,$
cardona-qft-methods_EQ0371 (10)	175	1.000	\begin{aligned} W^{A B} & =\left[\begin{array}{cc} \omega^{a b} & e^{a} l^{-1} \\ -e^{b} l^{-1} & 0 \end{array}\right] \\ \Lambda^{A B} & =\left[\begin{array}{cc} \lambda^{a b} & \lambda^{a} l^{-1} \\ -\lambda^{b} l^{-1} & 0 \end{array}\right], \end{aligned}	$W^{AB} = \begin{bmatrix} \omega^{ab} & e^a l^{-1} \\ -e^b l^{-1} & 0 \end{bmatrix}$ $\Lambda^{AB} = \begin{bmatrix} \lambda^{ab} & \lambda^a l^{-1} \\ -\lambda^b l^{-1} & 0 \end{bmatrix},$	$W^{AB} = \begin{bmatrix} \omega^{ab} & e^a l^{-1} \\ -e^b l^{-1} & 0 \end{bmatrix}$ $\Lambda^{AB} = \begin{bmatrix} \lambda^{ab} & \lambda^a l^{-1} \\ -\lambda^b l^{-1} & 0 \end{bmatrix},$
cardona-qft-methods_EQ0373 (13)	176	1.000	D_{W} \Upsilon^{A B}=d \Upsilon^{A B}+W_{C}^{A} \Upsilon^{C B}+W_{C}^{B} \Upsilon^{A C}=0 .	$D_W\Upsilon^{AB} = d\Upsilon^{AB} + W_C^A\Upsilon^{CB} + W_C^B\Upsilon^{AC} = 0.$	$D_W\Upsilon^{AB} = d\Upsilon^{AB} + W_C^A\Upsilon^{CB} + W_C^B\Upsilon^{AC} = 0.$
cardona-qft-methods_EQ0376 (17)	177	1.000	L_{3}^{E H}=\epsilon_{a b c} R^{a b} e^{c},	$L_3^{EH} = \epsilon_{abc}R^{ab}e^c,$	$L_3^{EH} = \epsilon_{abc}R^{ab}e^c,$
cardona-qft-methods_EQ0381 (22)	178	1.000	L_{2 n+1}=\epsilon_{a_{1} \cdots a_{2 n+1}} R^{a_{1} a_{2}} \cdots R^{a_{2 n-1} a_{2 n}} e^{a_{2 n+1}},	$L_{2n+1} = \epsilon_{a_1\cdots a_{2n+1}}R^{a_1a_2}\cdots R^{a_{2n-1}a_{2n}}e^{a_{2n+1}},$	$L_{2n+1} = \epsilon_{a_1\cdots a_{2n+1}}R^{a_1a_2}\cdots R^{a_{2n-1}a_{2n}}e^{a_{2n+1}},$
cardona-qft-methods_EQ0382	178	1.000	F^{A B}=d W^{A B}+W_{C}^{A} W^{C B},	$F^{AB} = dW^{AB} + W_C^A W^{CB},$	$F^{AB} = dW^{AB} + W_C^A W^{CB},$
cardona-qft-methods_EQ0383 (23)	178	1.000	F^{A B}=\left[\begin{array}{cc} R^{a b} \pm l^{-2} e^{a} e^{b} & l^{-1} T^{a} \\ -l^{-1} T^{b} & 0 \end{array} \right] .	$F^{AB} = \begin{bmatrix} R^{ab} \pm l^{-2}e^a e^b & l^{-1}T^a \\ -l^{-1}T^b & 0 \end{bmatrix}.$	$F^{AB} = \begin{bmatrix} R^{ab} \pm l^{-2}e^a e^b & l^{-1}T^a \\ -l^{-1}T^b & 0 \end{bmatrix}.$
cardona-qft-methods_EQ0384 (24)	178	1.000	\mathbf{E}_{4}=\epsilon_{A B C D} F^{A B} F^{C D} .	$\mathbf{E}_4 = \epsilon_{ABCD}F^{AB}F^{CD}.$	$\mathbf{E}_4 = \epsilon_{ABCD}F^{AB}F^{CD}.$
cardona-qft-methods_EQ0385 (25)	179	1.000	\begin{aligned} \mathbf{E}_{4} & =4 \epsilon_{a b c} \left(R^{a b} \pm l^{-2} e^{a} e^{b}\right) l^{-1} T^{a} \\ & =\frac{4}{l} d\left[\epsilon_{a b c}\left(R^{a b} \pm \frac{1}{3 l^{2}} e^{a} e^{b}\right) e^{c}\right] \end{aligned}	$\mathbf{E}_4 = 4\epsilon_{abc}\left(R^{ab} \pm l^{-2}e^a e^b\right)l^{-1}T^a = \frac{4}{l}d\left[\epsilon_{abc}\left(R^{ab} \pm \frac{1}{3l^2}e^a e^b\right)e^c\right]$	$\mathbf{E}_4 = 4\epsilon_{abc}(R^{ab} \pm l^{-2}e^a e^b)l^{-1}T^a = \frac{4}{l}d\left[\epsilon_{abc}\left(R^{ab} \pm \frac{1}{3l^2}e^a e^b\right)e^c\right],$
cardona-qft-methods_EQ0387	179	1.000	\delta\left(d L_{3}^{A d S}\right)=0 .	$\delta\left(dL_3^{AdS}\right) = 0.$	$\delta\left(dL_3^{AdS}\right) = 0.$

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cardona-qft-methods_ EQ0390 (28)	180	■1.000	`L_{2 n-1}^{(A) d S}=\sum_{p=0}^{n-1} \bar{\alpha}_{p} L_{p}^{2 n-1}`	$L_{2n-1}^{(A)dS} = \sum_{p=0}^{n-1} \bar{\alpha}_p L_p^{2n-1}$	$L_{2n-1}^{(A)dS} = \sum_{p=0}^{n-1} \bar{\alpha}_p L_p^{2n-1},$
cardona-qft-methods_ EQ0391 (29)	180	■1.000	`\bar{\alpha}_{p}=\kappa \cdot \frac{( \pm 1)^{p+1} l^{2 p-D}}{(D-2 p)}\binom{n-1}{p}, p=1,2, \ldots, n-1= \frac{D-1}{2},`	$\bar{\alpha}_p = \kappa \cdot \frac{(\pm 1)^{p+1} l^{2p-D}}{(D-2p)} \binom{n-1}{p}, p = 1, 2, \ldots, n-1 = \frac{D-1}{2},$	$\bar{\alpha}_p = \kappa \cdot \frac{(\pm 1)^{p+1} l^{2p-D}}{(D-2p)} \binom{n-1}{p},\ p = 1, 2, ..., n-1 = \frac{D-1}{2},$
cardona-qft-methods_ EQ0393 (31)	180	■1.000	`L_{5}^{(A) d S}=\frac{\kappa}{l} \epsilon_{a b c d e} \left[e^{a} R^{b c} R^{d e} \pm \frac{2}{3 l^{2}} e^{a} e^{b} e^{c} R^{d e}+\frac{1}{5 l^{4}} e^{a} e^{b} e^{c} e^{d} e^{e}\right] .`	$L_5^{(A)dS} = \frac{\kappa}{l} \epsilon_{abcde} \left[e^a R^{bc} R^{de} \pm \frac{2}{3l^2} e^a e^b e^c R^{de} + \frac{1}{5l^4} e^a e^b e^c e^d e^e \right].$	$L_5^{(A)dS} = \frac{\kappa}{l} \epsilon_{abcde} \left[e^a R^{bc} R^{de} \pm \frac{2}{3l^2} e^a e^b e^c R^{de} + \frac{1}{5l^4} e^a e^b e^c e^d e^e \right].$
cardona-qft-methods_ EQ0394	180	■1.000	`\tilde{e}^{a}=l^{-1} e^{a},`	$\tilde{e}^a = l^{-1} e^a,$	$\tilde{e}^a = l^{-1} e^a,$
cardona-qft-methods_ EQ0396	181	■1.000	`L_{3}^{(A) d S}=\epsilon_{a b c}\left(R^{a b} \pm \frac{e^{a} e^{b}}{3 l^{2}}\right) e^{c}`	$L_3^{(A)dS} = \epsilon_{abc} \left(R^{ab} \pm \frac{e^a e^b}{3l^2} \right) e^c$	$L_3^{(A)dS} = \epsilon_{abc} (R^{ab} \pm \frac{e^a e^b}{3l^2}) e^c$
cardona-qft-methods_ EQ0400 (33)	183	■1.000	`\kappa\left[\int_{\Omega} \mathbf{E}_{2 n}-\int_{\Omega^{ \prime}} \mathbf{E}_{2 n}\right]=2 n \pi \hbar .`	$\kappa \left[\int_\Omega \mathbf{E}_{2n} - \int_{\Omega'} \mathbf{E}_{2n} \right] = 2n\pi\hbar.$	$\kappa \left[\int_\Omega \mathbf{E}_{2n} - \int_{\Omega'} \mathbf{E}_{2n} \right] = 2n\pi\hbar.$
cardona-qft-methods_ EQ0401 (34)	183	■1.000	`\kappa\left[\int_{\Omega} \mathbf{E}_{2 n}+\int_{ \widetilde{\Omega}^{\prime}} \mathbf{E}_{2 n}\right]=2 n \pi \hbar .`	$\kappa \left[\int_\Omega \mathbf{E}_{2n} + \int_{\widetilde{\Omega}'} \mathbf{E}_{2n} \right] = 2n\pi\hbar.$	$\kappa \left[\int_\Omega \mathbf{E}_{2n} + \int_{\widetilde{\Omega}'} \mathbf{E}_{2n} \right] = 2n\pi\hbar.$
cardona-qft-methods_ EQ0402	183	■1.000	`\kappa=n h,`	$\kappa = nh,$	$\kappa = nh,$
cardona-qft-methods_ EQ0403 (35)	183	■1.000	`\epsilon_{a b_{1} b_{2} \cdots b_{2 n}}\left[R^{b_{1} b_{2}}+\frac{1}{l^{2}} e^{b_{1}} e^{b_{2}}\right] \cdots \left[R^{b_{2 n-1} b_{2 n}}+\frac{1}{l^{2}} e^{b_{2 n-1}} e^{b_{2 n}}\right]=0`	$\epsilon_{ab_1b_2\cdots b_{2n}} \left[R^{b_1b_2} + \frac{1}{l^2} e^{b_1} e^{b_2} \right] \cdots \left[R^{b_{2n-1}b_{2n}} + \frac{1}{l^2} e^{b_{2n-1}} e^{b_{2n}} \right] = 0$	$\epsilon_{ab_1b_2\cdots b_{2n}} \left[R^{b_1b_2} + \frac{1}{l^2} e^{b_1} e^{b_2} \right] \cdots \left[R^{b_{2n-1}b_{2n}} + \frac{1}{l^2} e^{b_{2n-1}} e^{b_{2n}} \right] = 0$
cardona-qft-methods_ EQ0404 (36)	184	■1.000	`\epsilon_{a b b_{2} \cdots b_{2 n}}\left[R^{b_{2} b_{3}}+ \frac{1}{l^{2}} e^{b_{2}} e^{b_{3}}\right] \cdots \left[R^{b_{2 n-2} b_{2 n-1}}+\frac{1}{l^{2}} e^{b_{2 n-2}} e^{b_{2 n-1}}\right] T^{b_{2 n}}=0`	$\epsilon_{abb_2\cdots b_{2n}} \left[R^{b_2b_3} + \frac{1}{l^2} e^{b_2} e^{b_3} \right] \cdots \left[R^{b_{2n-2}b_{2n-1}} + \frac{1}{l^2} e^{b_{2n-2}} e^{b_{2n-1}} \right] T^{b_{2n}} = 0$	$\epsilon_{abb_2\cdots b_{2n}} \left[R^{b_2b_3} + \frac{1}{l^2} e^{b_2} e^{b_3} \right] \cdots \left[R^{b_{2n-2}b_{2n-1}} + \frac{1}{l^2} e^{b_{2n-2}} e^{b_{2n-1}} \right] T^{b_{2n}} = 0$
cardona-qft-methods_ EQ0406	185	■1.000	`\operatorname{Pfaff}[M]=\epsilon_{a_{1} b_{1} a_{2} b_{2} \cdots a_{n} b_{n}} M^{a_{1} b_{1}} \cdots M^{a_{n} b_{n}}=\sqrt{\operatorname{det}[M]} .`	$\mathrm{Pfaff}[M] = \epsilon_{a_1b_1a_2b_2\cdots a_nb_n} M^{a_1b_1} \cdots M^{a_nb_n} = \sqrt{\det[M]}.$	$\mathrm{Pfaff}[M] = \epsilon_{a_1b_1a_2b_2\cdots a_nb_n} M^{a_1b_1} \cdots M^{a_nb_n} = \sqrt{det[M]}.$
cardona-qft-methods_ EQ0407 (38)	186	■1.000	`\delta I[\phi]=\int_{M} \delta \phi^{r} \frac{\delta L}{ \delta \phi^{r}}+\int_{\partial M} \Theta(\phi, \delta \phi) .`	$\delta I[\phi] = \int_M \delta\phi^r \frac{\delta L}{\delta\phi^r} + \int_{\partial M} \Theta(\phi, \delta\phi).$	$\delta I[\phi] = \int_M \delta\phi^r \frac{\delta L}{\delta\phi^r} + \int_{\partial M} \Theta(\phi, \delta\phi).$
cardona-qft-methods_ EQ0410 (40)	187	■1.000	`I_{2 n-1}=\int_{M} L_{2 n-1}^{(A) d S}+\int_{\partial M} B_{2 n}`	$I_{2n-1} = \int_M L_{2n-1}^{(A)dS} + \int_{\partial M} B_{2n}$	$I_{2n-1} = \int_M L_{2n-1}^{(A)dS} + \int_{\partial M} B_{2n},$
cardona-qft-methods_ EQ0416 (1)	190	■1.000	`I_{\mathrm{Int}}=\int_{\Gamma} A_{\mu} j^{\mu} d^{4} x`	$I_{\mathrm{Int}} = \int_\Gamma A_\mu j^\mu d^4x$	$I_{\mathrm{Int}} = \int_\Gamma A_\mu j^\mu d^4x\,,$
cardona-qft-methods_ EQ0417 (2)	191	■1.000	`I_{\mathrm{Int}}=q \int_{\Gamma} A_{\mu}(z) d z^{\mu}=q \int_{\Gamma} A`	$I_{\mathrm{Int}} = q \int_\Gamma A_\mu(z) dz^\mu = q \int_\Gamma A$	$I_{\mathrm{Int}} = q \int_\Gamma A_\mu(z) dz^\mu = q \int_\Gamma A\,,$

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cardona-qft-methods_EQ0418 (3)	192	1.000	`I[\mathbf{A} ; \mathbf{j}]=\int\left\langle\mathbf{j}_{2p} \wedge \mathfrak{C}_{2 p+1}(\mathbf{A})\right\rangle,`	$I[\mathbf{A};\mathbf{j}] = \int \left\langle \mathbf{j}_{2p} \wedge \mathfrak{C}_{2p+1}(\mathbf{A})\right\rangle ,$	$I[\mathbf{A};\mathbf{j}] = \int \left\langle \mathbf{j}_{2p} \wedge \mathfrak{C}_{2p+1}(\mathbf{A})\right\rangle,$
cardona-qft-methods_EQ0419 (4)	192	1.000	`\mathbf{j}_{2 p}=q j^{a_{1} a_{2} \cdots a_{s}} \mathbf{K}_{a_{1}} \mathbf{K}_{a_{2}} \cdots \mathbf{K}_{a_{s}} \delta(\Gamma) d x^{\alpha_{1}} \wedge d x^{\alpha_{2}} \wedge \cdots d x^{\alpha_{D-2 p-1}},`	$\mathbf{j}_{2p} = q j^{a_1 a_2 \cdots a_s} \mathbf{K}_{a_1} \mathbf{K}_{a_2} \cdots \mathbf{K}_{a_s} \delta(\Gamma) dx^{\alpha_1} \wedge dx^{\alpha_2} \wedge \cdots dx^{\alpha_{D-2p-1}},$	$\mathbf{j}_{2p} = q j^{a_1 a_2 \cdots a_s} \mathbf{K}_{a_1} \mathbf{K}_{a_2} \cdots \mathbf{K}_{a_s} \delta(\Gamma) dx^{\alpha_1} \wedge dx^{\alpha_2} \wedge \cdots dx^{\alpha_{D-2p-1}},$
cardona-qft-methods_EQ0420 (5)	192	1.000	`D \mathbf{j}_{2 p}=d \mathbf{j}_{2 p}+\left[\mathbf{A}, \mathbf{j}_{2 p}\right]=0,`	$D\mathbf{j}_{2p} = d\mathbf{j}_{2p} + [\mathbf{A}, \mathbf{j}_{2p}] = 0,$	$D\mathbf{j}_{2p} = d\mathbf{j}_{2p} + [\mathbf{A}, \mathbf{j}_{2p}] = 0,$
cardona-qft-methods_EQ0421 (6)	193	1.000	`I[A]=\frac{1}{2} \int_{M}(\operatorname{Tr}[F \wedge * F]-\Theta(x) \operatorname{Tr}[F \wedge F]),`	$I[A] = \frac{1}{2} \int_M (\operatorname{Tr}[F \wedge *F] - \Theta(x) \operatorname{Tr}[F \wedge F]),$	$I[A] = \frac{1}{2} \int_M (Tr[F \wedge *F] - \Theta(x) Tr[F \wedge F]) ,$
cardona-qft-methods_EQ0423	202	1.000	`S_{E H}\left(g_{\mu \nu}\right)=\frac{1}{16 \pi G} \int_{M} R \sqrt{g} d^{4} x`	$S_{EH}\left(g_{\mu\nu}\right) = \frac{1}{16\pi G} \int_M R\sqrt{g}\, d^4x$	$S_{EH}(g_{\mu\nu}) = \frac{1}{16\pi G} \int_M R\sqrt{g}\; d^4x,$
cardona-qft-methods_EQ0425	203	1.000	`\int_{M}\left(\frac{1}{2}\left|D_{\mu} \mathbf{H} \right|^{2}-\mu_{0}^{2}|\mathbf{H}|^{2}-\xi_{0} R| \mathbf{H}|^{2}+\lambda_{0}|\mathbf{H}|^{4}\right) \sqrt{g} d^{4} x .`	$\int_M \left(\frac{1}{2}\left\|D_\mu \mathbf{H}\right\|^2 - \mu_0^2\|\mathbf{H}\|^2 - \xi_0 R\|\mathbf{H}\|^2 + \lambda_0\|\mathbf{H}\|^4\right) \sqrt{g}\, d^4x.$	$\int_M \left(\frac{1}{2}\left\|D_\mu \mathbf{H}\right\|^2 - \mu_0^2\|\mathbf{H}\|^2 - \xi_0\, R\,\|\mathbf{H}\|^2 + \lambda_0\|\mathbf{H}\|^4\right) \sqrt{g}\, d^4x.$
cardona-qft-methods_EQ0426	204	1.000	`[\gamma, a]=0, \forall a \in \mathcal{A}, \quad \text { and } \quad D \gamma=-\gamma D .`	$[\gamma, a] = 0, \forall a \in \mathcal{A}, \quad \text{and} \quad D\gamma = -\gamma D.$	$[\gamma, a] = 0,\ \forall a \in \mathcal{A}, \quad \text{and} \quad D\gamma = -\gamma D.$
cardona-qft-methods_EQ0428	205	1.000	`\left[[D, a], b^{0}\right]=0 \quad \forall a, b \in \mathcal{A} .`	$\left[[D, a], b^0\right] = 0 \quad \forall a, b \in \mathcal{A}.$	$\left[[D, a], b^0\right] = 0 \qquad \forall\, a, b \in \mathcal{A}.$
cardona-qft-methods_EQ0430	207	1.000	`\mathcal{A}_{L R}=\mathbb{C} \oplus \mathbb{H}_{L} \oplus \mathbb{H}_{R} \oplus M_{3}(\mathbb{C}) .`	$\mathcal{A}_{LR} = \mathbb{C} \oplus \mathbb{H}_L \oplus \mathbb{H}_R \oplus M_3(\mathbb{C}).$	$\mathcal{A}_{LR} = \mathbb{C} \oplus \mathbb{H}_L \oplus \mathbb{H}_R \oplus M_3(\mathbb{C}).$
cardona-qft-methods_EQ0431	208	1.000	`\operatorname{Ad}(u) \xi=u \xi u^{*} \quad \forall \xi \in \mathcal{M} .`	$\operatorname{Ad}(u)\xi = u\xi u^* \quad \forall \xi \in \mathcal{M}.$	$\operatorname{Ad}(u)\xi = u\xi u^* \quad \forall \xi \in \mathcal{M}.$
cardona-qft-methods_EQ0433	208	1.000	`\mathcal{M}^{0}=\{\bar{\xi} ; \xi \in \mathcal{M}\}, \quad a \bar{\xi} b=\overline{b^{*} \xi a^{*}}`	$\mathcal{M}^0 = \{\bar{\xi}; \xi \in \mathcal{M}\}, \quad a\bar{\xi}b = \overline{b^*\xi a^*}$	$\mathcal{M}^0 = \{\bar{\xi}\,;\, \xi \in \mathcal{M}\}, \quad a\,\bar{\xi}\,b = \overline{b^*\xi\, a^*}$
cardona-qft-methods_EQ0440	210	1.000	`\mathrm{SU}\left(\mathcal{A}_{F}\right) \sim \mathrm{U}(1) \times \mathrm{SU}(2) \times \mathrm{SU}(3),`	$\mathrm{SU}\left(\mathcal{A}_F\right) \sim \mathrm{U}(1) \times \mathrm{SU}(2) \times \mathrm{SU}(3),$	$\mathrm{SU}(\mathcal{A}_F) \sim \mathrm{U}(1) \times \mathrm{SU}(2) \times \mathrm{SU}(3),$
cardona-qft-methods_EQ0442	211	1.000	`\mathbb{C}_{F} \subset \mathcal{A}_{F}, \quad \mathbb{C}_{F}=\{(\lambda, \lambda, 0), \lambda \in \mathbb{C}\} .`	$\mathbb{C}_F \subset \mathcal{A}_F, \quad \mathbb{C}_F = \{(\lambda, \lambda, 0), \lambda \in \mathbb{C}\}.$	$\mathbb{C}_F \subset \mathcal{A}_F\,, \quad \mathbb{C}_F = \{(\lambda, \lambda, 0)\,, \lambda \in \mathbb{C}\}.$
cardona-qft-methods_EQ0446	211	1.000	`T: E_{R}=\uparrow_{R} \otimes \mathbf{1}^{0} \rightarrow J_{F} E_{R} .`	$T: E_R = \uparrow_R \otimes \mathbf{1}^0 \rightarrow J_F E_R.$	$T: E_R = \uparrow_R \otimes \mathbf{1}^0 \rightarrow J_F\, E_R.$
cardona-qft-methods_EQ0447	211	1.000	`Y_{(\downarrow 3)}^{\prime}=W_{1} Y_{(\downarrow 3)} W_{3}^{*}, \quad Y_{(\uparrow 3)}^{\prime}=W_{2} Y_{(\uparrow 3)} W_{3}^{*}`	$Y'_{(\downarrow 3)} = W_1 Y_{(\downarrow 3)} W_3^*, \quad Y'_{(\uparrow 3)} = W_2 Y_{(\uparrow 3)} W_3^*$	$Y'_{(\downarrow 3)} = W_1\, Y_{(\downarrow 3)}\, W_3^*, \quad Y'_{(\uparrow 3)} = W_2\, Y_{(\uparrow 3)}\, W_3^*$
cardona-qft-methods_EQ0450	212	1.000	`\begin{gathered} Y_{(\uparrow 3)}=\delta_{(\uparrow 3)} \quad Y_{(\downarrow 3)}=U_{C K M} \delta_{(\downarrow 3)} U_{C K M}^{*} \\ Y_{(\uparrow 1)}=U_{P M N S}^{*} \delta_{(\uparrow 1)} U_{P M N S} \quad Y_{(\downarrow 1)}=\delta_{(\downarrow 1)} \end{gathered}`	$Y_{(\uparrow 3)} = \delta_{(\uparrow 3)} \quad Y_{(\downarrow 3)} = U_{CKM}\delta_{(\downarrow 3)}U_{CKM}^*$ $Y_{(\uparrow 1)} = U_{PMNS}^*\delta_{(\uparrow 1)}U_{PMNS} \quad Y_{(\downarrow 1)} = \delta_{(\downarrow 1)}$	$Y_{(\uparrow 3)} = \delta_{(\uparrow 3)} \qquad Y_{(\downarrow 3)} = U_{CKM}\,\delta_{(\downarrow 3)}\,U_{CKM}^*$ $Y_{(\uparrow 1)} = U_{PMNS}^*\,\delta_{(\uparrow 1)}\,U_{PMNS} \qquad Y_{(\downarrow 1)} = \delta_{(\downarrow 1)}$

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cardona-qft-methods_EQ0451	212	1.000	U=\left(\begin{array}{ccc} c_{1} & -s_{1} c_{3} & -s_{1} s_{3} \\ s_{1} c_{2} & c_{1} c_{2} c_{3}-s_{2} s_{3} e_{\delta} & c_{1} c_{2} s_{3}+s_{2} c_{3} e_{\delta} \\ s_{1} s_{2} & c_{1} s_{2} c_{3}+c_{2} s_{3} e_{\delta} & c_{1} s_{2} s_{3}-c_{2} c_{3} e_{\delta} \end{array} \right)	$U=\left(\begin{array}{ccc} c_{1} & -s_{1} c_{3} & -s_{1} s_{3} \\ s_{1} c_{2} & c_{1} c_{2} c_{3}-s_{2} s_{3} e_{\delta} & c_{1} c_{2} s_{3}+s_{2} c_{3} e_{\delta} \\ s_{1} s_{2} & c_{1} s_{2} c_{3}+c_{2} s_{3} e_{\delta} & c_{1} s_{2} s_{3}-c_{2} c_{3} e_{\delta} \end{array}\right)$	$U=\left(\begin{array}{ccc} c_{1} & -s_{1} c_{3} & -s_{1} s_{3} \\ s_{1} c_{2} & c_{1} c_{2} c_{3}-s_{2} s_{3} e_{\delta} & c_{1} c_{2} s_{3}+s_{2} c_{3} e_{\delta} \\ s_{1} s_{2} & c_{1} s_{2} c_{3}+c_{2} s_{3} e_{\delta} & c_{1} s_{2} s_{3}-c_{2} c_{3} e_{\delta} \end{array}\right)$
cardona-qft-methods_EQ0453	214	1.000	\begin{gathered} \mathcal{A}=C^{\infty}(M) \otimes \mathcal{A}_{F}=C^{\infty}\left(M, \mathcal{A}_{F}\right) \\ \mathcal{H}=L^{2}(M, S) \otimes \mathcal{H}_{F}=L^{2}\left(M, S \otimes \mathcal{H}_{F}\right) \\ D=\not \partial_{M} \otimes 1+\gamma_{5} \otimes D_{F} \end{gathered}	$\begin{gathered} \mathcal{A}=C^{\infty}(M) \otimes \mathcal{A}_{F}=C^{\infty}\left(M, \mathcal{A}_{F}\right) \\ \mathcal{H}=L^{2}(M, S) \otimes \mathcal{H}_{F}=L^{2}\left(M, S \otimes \mathcal{H}_{F}\right) \\ D=\not \partial_{M} \otimes 1+\gamma_{5} \otimes D_{F} \end{gathered}$	$\begin{gathered} \mathcal{A}=C^{\infty}(M) \otimes \mathcal{A}_{F}=C^{\infty}\left(M, \mathcal{A}_{F}\right) \\ \mathcal{H}=L^{2}(M, S) \otimes \mathcal{H}_{F}=L^{2}\left(M, S \otimes \mathcal{H}_{F}\right) \\ D=\not \partial_{M} \otimes 1+\gamma_{5} \otimes D_{F} \end{gathered}$
cardona-qft-methods_EQ0455	215	1.000	\xi b=b^{0} \xi, \quad \xi \in \mathcal{H}, \quad b \in \mathcal{A}	$\xi b=b^{0} \xi, \quad \xi \in \mathcal{H}, \quad b \in \mathcal{A}$	$\xi b=b^{0} \xi, \quad \xi \in \mathcal{H}, \quad b \in \mathcal{A}$
cardona-qft-methods_EQ0456	215	1.000	\xi \in \mathcal{H} \rightarrow \operatorname{Ad}(u) \xi=u \xi u^{*} \quad \xi \in \mathcal{H}	$\xi \in \mathcal{H} \rightarrow \operatorname{Ad}(u) \xi=u \xi u^{*} \quad \xi \in \mathcal{H}$	$\xi \in \mathcal{H} \rightarrow \operatorname{Ad}(u) \xi=u \xi u^{*} \quad \xi \in \mathcal{H}$
cardona-qft-methods_EQ0457	215	1.000	D \rightarrow D_{A}=D+A+\varepsilon^{\prime} J A J^{-1}	$D \rightarrow D_{A}=D+A+\varepsilon^{\prime} J A J^{-1}$	$D \rightarrow D_{A}=D+A+\varepsilon^{\prime} J A J^{-1}$
cardona-qft-methods_EQ0458	215	1.000	A=\sum a_{j}\left[D, b_{j}\right], \quad a_{j}, b_{j} \in \mathcal{A} .	$A=\sum a_{j}\left[D, b_{j}\right], \quad a_{j}, b_{j} \in \mathcal{A} .$	$A=\sum a_{j}\left[D, b_{j}\right], \quad a_{j}, b_{j} \in \mathcal{A} .$
cardona-qft-methods_EQ0459	216	1.000	\mathrm{SU}\left(\mathcal{A}_{F}\right)=\left\{u \in \mathrm{U}\left(\mathcal{A}_{F}\right) \mid \operatorname{det}(\mathrm{u})=1\right\},	$\mathrm{SU}\left(\mathcal{A}_{F}\right)=\left\{u \in \mathrm{U}\left(\mathcal{A}_{F}\right) \mid \operatorname{det}(\mathrm{u})=1\right\},$	$\mathrm{SU}\left(\mathcal{A}_{F}\right)=\left\{u \in \mathrm{U}\left(\mathcal{A}_{F}\right) \mid \operatorname{det}(\mathrm{u})=1\right\},$
cardona-qft-methods_EQ0460	216	1.000	\mathrm{SU}\left(\mathcal{A}_{F}\right) \sim \mathrm{U}(1) \times \mathrm{SU}(2) \times \mathrm{SU}(3),	$\mathrm{SU}\left(\mathcal{A}_{F}\right) \sim \mathrm{U}(1) \times \mathrm{SU}(2) \times \mathrm{SU}(3),$	$\mathrm{SU}\left(\mathcal{A}_{F}\right) \sim \mathrm{U}(1) \times \mathrm{SU}(2) \times \mathrm{SU}(3),$
cardona-qft-methods_EQ0462	216	1.000	\left(\begin{array}{cccc} \frac{4}{3} \Lambda+V & 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & -\frac{2}{3} \Lambda+V & 0 & 0 \\ 0 & 0 & Q_{11}+\frac{1}{3} \Lambda+V & Q_{12} \\ 0 & 0 & Q_{21} & Q_{22}+\frac{1}{3} \Lambda+V \end{array}\right)	$\left(\begin{array}{cccc} \frac{4}{3} \Lambda+V & 0 & 0 & 0 \\ 0 & -\frac{2}{3} \Lambda+V & 0 & 0 \\ 0 & 0 & Q_{11}+\frac{1}{3} \Lambda+V & Q_{12} \\ 0 & 0 & Q_{21} & Q_{22}+\frac{1}{3} \Lambda+V \end{array}\right)$	$\left(\begin{array}{cccc} \frac{4}{3} \Lambda+V & 0 & 0 & 0 \\ 0 & -\frac{2}{3} \Lambda+V & 0 & 0 \\ 0 & 0 & Q_{11}+\frac{1}{3} \Lambda+V & Q_{12} \\ 0 & 0 & Q_{21} & Q_{22}+\frac{1}{3} \Lambda+V \end{array}\right)$
cardona-qft-methods_EQ0463	217	1.000	\left(\begin{array}{cccc} 0 & 0 & 0 & 0 \\ 0 & -2 \Lambda & 0 & 0 \\ 0 & 0 & Q_{11}-\Lambda & Q_{12} \\ 0 & 0 & Q_{21} & Q_{22}-\Lambda \end{array}\right)	$\left(\begin{array}{cccc} 0 & 0 & 0 & 0 \\ 0 & -2 \Lambda & 0 & 0 \\ 0 & 0 & Q_{11}-\Lambda & Q_{12} \\ 0 & 0 & Q_{21} & Q_{22}-\Lambda \end{array}\right)$	$\left(\begin{array}{cccc} 0 & 0 & 0 & 0 \\ 0 & -2 \Lambda & 0 & 0 \\ 0 & 0 & Q_{11}-\Lambda & Q_{12} \\ 0 & 0 & Q_{21} & Q_{22}-\Lambda \end{array}\right)$
cardona-qft-methods_EQ0464	217	1.000	\left.\sum_{i} a_{i}\left[\gamma_{5} \otimes D_{F}, a_{i}^{\prime}\right](x)\right|_{\mathcal{H}_{f}}= \gamma_{5} \otimes\left(A_{q}^{(0,1)}+A_{\ell}^{(0,1)} \right)	$\left.\sum_{i} a_{i}\left[\gamma_{5} \otimes D_{F}, a_{i}^{\prime}\right](x)\right\|_{\mathcal{H}_{f}}= \gamma_{5} \otimes\left(A_{q}^{(0,1)}+A_{\ell}^{(0,1)} \right)$	$\left.\sum_{i} a_{i}\left[\gamma_{5} \otimes D_{F}, a_{i}^{\prime}\right](x)\right\|_{\mathcal{H}_{f}}= \gamma_{5} \otimes\left(A_{q}^{(0,1)}+A_{\ell}^{(0,1)} \right)$
cardona-qft-methods_EQ0466	217	1.000	q=\left(\begin{array}{cc} \alpha & \beta \\ -\bar{\beta} & \bar{\alpha} \end{array}\right) .	$q=\left(\begin{array}{cc} \alpha & \beta \\ -\bar{\beta} & \bar{\alpha} \end{array}\right) .$	$q=\left(\begin{array}{cc} \alpha & \beta \\ -\bar{\beta} & \bar{\alpha} \end{array}\right) .$

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cardona-qft-methods_EQ0468	217	1.000	-E=\frac{1}{4} s \otimes \mathrm{id}+\sum_{\mu<\nu} \gamma^{\mu} \gamma^{\nu} \otimes \mathbb{F}_{\mu \nu}-i \gamma_{5} \gamma^{\mu} \otimes \mathbb{M}\left(D_{\mu} \varphi\right)+1_{4} \otimes\left(D^{0,1}\right)^{2}	$-E=\frac{1}{4} s \otimes \mathrm{id}+\sum_{\mu<\nu} \gamma^{\mu} \gamma^{\nu} \otimes \mathbb{F}_{\mu \nu}-i \gamma_{5} \gamma^{\mu} \otimes \mathbb{M}\left(D_{\mu} \varphi\right)+1_{4} \otimes\left(D^{0,1}\right)^{2}$	$-E=\frac{1}{4} s \otimes \mathrm{id}+\sum_{\mu<\nu} \gamma^{\mu} \gamma^{\nu} \otimes \mathbb{F}_{\mu \nu}-i \gamma_{5} \gamma^{\mu} \otimes \mathbb{M}\left(D_{\mu} \varphi\right)+1_{4} \otimes\left(D^{0,1}\right)^{2},$
cardona-qft-methods_EQ0469	218	1.000	D_{\mu} \varphi=\partial_{\mu} \varphi+\frac{i}{2} g_{2} W_{\mu}^{\alpha} \varphi \sigma^{\alpha}-\frac{i}{2} g_{1} B_{\mu} \varphi	$D_{\mu} \varphi=\partial_{\mu} \varphi+\frac{i}{2} g_{2} W_{\mu}^{\alpha} \varphi \sigma^{\alpha}-\frac{i}{2} g_{1} B_{\mu} \varphi$	$D_{\mu} \varphi=\partial_{\mu} \varphi+\frac{i}{2} g_{2} W_{\mu}^{\alpha} \varphi \sigma^{\alpha}-\frac{i}{2} g_{1} B_{\mu} \varphi$
cardona-qft-methods_EQ0470	218	1.000	\operatorname{Tr}(f(D / \Lambda)),	$\operatorname{Tr}(f(D / \Lambda)),$	$\operatorname{Tr}(f(D / \Lambda)),$
cardona-qft-methods_EQ0472	218	1.000	\operatorname{Tr}\left(e^{-t \Delta}\right) \sim \sum a_{ \alpha} t^{\alpha} \quad(t \rightarrow 0)	$\operatorname{Tr}\left(e^{-t \Delta}\right) \sim \sum a_{\alpha} t^{\alpha} \quad(t \rightarrow 0)$	$\operatorname{Tr}\left(e^{-t \Delta}\right) \sim \sum a_{\alpha} t^{\alpha} \quad(t \rightarrow 0)$
cardona-qft-methods_EQ0473	218	1.000	\zeta_{D}(s)=\operatorname{Tr}\left(\Delta^{-s / 2} \right) .	$\zeta_{D}(s)=\operatorname{Tr}\left(\Delta^{-s / 2} \right) .$	$\zeta_{D}(s)=\operatorname{Tr}\left(\Delta^{-s / 2} \right) .$
cardona-qft-methods_EQ0474	218	1.000	\operatorname{Res}_{s=-2 \alpha} \zeta_{D}(s)=\frac{2 a_{ \alpha}}{\Gamma(-\alpha)} .	$\operatorname{Res}_{s=-2 \alpha} \zeta_{D}(s)=\frac{2 a_{ \alpha}}{\Gamma(-\alpha)} .$	$\operatorname{Res}_{s=-2 \alpha} \zeta_{D}(s)=\frac{2 a_{ \alpha}}{\Gamma(-\alpha)} .$
cardona-qft-methods_EQ0475	218	1.000	|D|^{-s}=\Delta^{-s / 2}=\frac{1}{\Gamma\left(\frac{s}{2} \right)} \int_{0}^{\infty} e^{-t \Delta} t^{s / 2-1} d t	$\|D\|^{-s}=\Delta^{-s / 2}=\frac{1}{\Gamma\left(\frac{s}{2} \right)} \int_{0}^{\infty} e^{-t \Delta} t^{s / 2-1} d t$	$\|D\|^{-s}=\Delta^{-s / 2}=\frac{1}{\Gamma\left(\frac{s}{2} \right)} \int_{0}^{\infty} e^{-t \Delta} t^{s / 2-1} d t$
cardona-qft-methods_EQ0476	219	1.000	\frac{1}{\Gamma\left(\frac{s}{2}\right)} \sim \frac{s}{2} \quad \text { as } \quad s \rightarrow 0	$\frac{1}{\Gamma\left(\frac{s}{2}\right)} \sim \frac{s}{2} \quad \text { as } \quad s \rightarrow 0$	$\frac{1}{\Gamma\left(\frac{s}{2}\right)} \sim \frac{s}{2} \quad \text { as } \quad s \rightarrow 0.$
cardona-qft-methods_EQ0477	219	1.000	\int_{0}^{\infty} \operatorname{Tr}\left(e^{-t \Delta} \right) t^{s / 2-1} d t	$\int_{0}^{\infty} \operatorname{Tr}\left(e^{-t \Delta} \right) t^{s / 2-1} d t$	$\int_{0}^{\infty} \operatorname{Tr}\left(e^{-t \Delta} \right) t^{s / 2-1} d t$
cardona-qft-methods_EQ0479	219	1.000	\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi} \right\rangle	$\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi} \right\rangle$	$\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi} \right\rangle$
cardona-qft-methods_EQ0480	219	1.000	\mathcal{H}_{c l}^{+}=\left\{\xi \in \mathcal{H}_{c l} \mid \gamma \xi=\xi\right\}	$\mathcal{H}_{c l}^{+}=\left\{\xi \in \mathcal{H}_{c l} \mid \gamma \xi=\xi\right\}$	$\mathcal{H}_{c l}^{+}=\left\{\xi \in \mathcal{H}_{c l} \mid \gamma \xi=\xi\right\}$
cardona-qft-methods_EQ0482	220	1.000	\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi} \right\rangle	$\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi} \right\rangle$	$\frac{1}{2}\left\langle J \tilde{\xi}, D_{A} \tilde{\xi} \right\rangle$

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cardona-qft-methods_EQ0483	220	1.000	`\begin{aligned} S & =\frac{1}{\pi^{2}}\left(48 f_{4} \Lambda^{4}-f_{2} \Lambda^{2} \mathfrak{c}+ \frac{f_{0}}{4} \mathfrak{d}\right) \int \sqrt{g} d^{4} x \\ & +\frac{96 f_{2} \Lambda^{2}-f_{0} \mathfrak{c}}{24 \pi^{2}} \int R \sqrt{g} d^{4} x \\ & +\frac{f_{0}}{10 \pi^{2}} \int\left(\frac{11}{6} R^{*} R^{*}-3 C_{\mu \nu \rho \sigma} C^{\mu \nu \rho \sigma}\right) \sqrt{g} d^{4} x \\ & +\frac{\left(-2 \mathfrak{a} f_{2} \Lambda^{2}+\mathfrak{e} f_{0}\right)}{\pi^{2}} \int|\varphi|^{2} \sqrt{g} d^{4} x \\ & +\frac{f_{0} \mathfrak{a}}{2 \pi^{2}} \int\left|D_{\mu} \varphi\right|^{2} \sqrt{g} d^{4} x \\ & -\frac{f_{0} \mathfrak{a}}{12 \pi^{2}} \int R|\varphi|^{2} \sqrt{g} d^{4} x \\ & +\frac{f_{0} \mathfrak{b}}{2 \pi^{2}} \int|\varphi|^{4} \sqrt{g} d^{4} x \\ & +\frac{f_{0}}{2 \pi^{2}} \int\left(g_{3}^{2} G_{\mu \nu}^{i} G^{\mu \nu i}+g_{2}^{2} F_{\mu \nu}^{\alpha} F^{\mu \nu \alpha}+\frac{5}{3} g_{1}^{2} B_{\mu \nu} B^{\mu \nu}\right) \sqrt{g} d^{4} x, \end{aligned}`	$$\begin{aligned} S & =\frac{1}{\pi^{2}}\left(48 f_{4} \Lambda^{4}-f_{2} \Lambda^{2} \mathfrak{c}+ \frac{f_{0}}{4} \mathfrak{d}\right) \int \sqrt{g} d^{4} x \\ & +\frac{96 f_{2} \Lambda^{2}-f_{0} \mathfrak{c}}{24 \pi^{2}} \int R \sqrt{g} d^{4} x \\ & +\frac{f_{0}}{10 \pi^{2}} \int\left(\frac{11}{6} R^{*} R^{*}-3 C_{\mu \nu \rho \sigma} C^{\mu \nu \rho \sigma}\right) \sqrt{g} d^{4} x \\ & +\frac{\left(-2 \mathfrak{a} f_{2} \Lambda^{2}+\mathfrak{e} f_{0}\right)}{\pi^{2}} \int|\varphi|^{2} \sqrt{g} d^{4} x \\ & +\frac{f_{0} \mathfrak{a}}{2 \pi^{2}} \int\left|D_{\mu} \varphi\right|^{2} \sqrt{g} d^{4} x \\ & -\frac{f_{0} \mathfrak{a}}{12 \pi^{2}} \int R|\varphi|^{2} \sqrt{g} d^{4} x \\ & +\frac{f_{0} \mathfrak{b}}{2 \pi^{2}} \int|\varphi|^{4} \sqrt{g} d^{4} x \\ & +\frac{f_{0}}{2 \pi^{2}} \int\left(g_{3}^{2} G_{\mu \nu}^{i} G^{\mu \nu i}+g_{2}^{2} F_{\mu \nu}^{\alpha} F^{\mu \nu \alpha}+\frac{5}{3} g_{1}^{2} B_{\mu \nu} B^{\mu \nu}\right) \sqrt{g} d^{4} x, \end{aligned}$$	$$\begin{aligned} S & =\frac{1}{\pi^{2}}\left(48 f_{4} \Lambda^{4}-f_{2} \Lambda^{2} \mathfrak{c}+ \frac{f_{0}}{4} \mathfrak{d}\right) \int \sqrt{g} d^{4} x \\ & +\frac{96 f_{2} \Lambda^{2}-f_{0} \mathfrak{c}}{24 \pi^{2}} \int R \sqrt{g} d^{4} x \\ & +\frac{f_{0}}{10 \pi^{2}} \int\left(\frac{11}{6} R^{*} R^{*}-3 C_{\mu \nu \rho \sigma} C^{\mu \nu \rho \sigma}\right) \sqrt{g} d^{4} x \\ & +\frac{\left(-2 \mathfrak{a} f_{2} \Lambda^{2}+\mathfrak{e} f_{0}\right)}{\pi^{2}} \int|\varphi|^{2} \sqrt{g} d^{4} x \\ & +\frac{f_{0} \mathfrak{a}}{2 \pi^{2}} \int\left|D_{\mu} \varphi\right|^{2} \sqrt{g} d^{4} x \\ & -\frac{f_{0} \mathfrak{a}}{12 \pi^{2}} \int R|\varphi|^{2} \sqrt{g} d^{4} x \\ & +\frac{f_{0} \mathfrak{b}}{2 \pi^{2}} \int|\varphi|^{4} \sqrt{g} d^{4} x \\ & +\frac{f_{0}}{2 \pi^{2}} \int\left(g_{3}^{2} G_{\mu \nu}^{i} G^{\mu \nu i}+g_{2}^{2} F_{\mu \nu}^{\alpha} F^{\mu \nu \alpha}+\frac{5}{3} g_{1}^{2} B_{\mu \nu} B^{\mu \nu}\right) \sqrt{g} d^{4} x, \end{aligned}$$
cardona-qft-methods_EQ0484	220	1.000	`f_{k}=\int_{0}^{\infty} f(v) v^{k-1} d v`	$f_k=\int_0^\infty f(v) v^{k-1} dv$	$f_k=\int_0^\infty f(v) v^{k-1} dv.$
cardona-qft-methods_EQ0486	221	1.000	`\operatorname{Tr} e^{-t P} \sim \sum_{n \geq 0} t^{ \frac{n-m}{2}} \int_{M} a_{n}(x, P) d v(x)`	$\operatorname{Tr} e^{-tP} \sim \sum_{n \geq 0} t^{ \frac{n-m}{2}} \int_{M} a_{n}(x, P) d v(x)$	$\operatorname{Tr} e^{-tP} \sim \sum_{n \geq 0} t^{ \frac{n-m}{2}} \int_{M} a_{n}(x, P) d v(x)$
cardona-qft-methods_EQ0487	221	1.000	`\begin{gathered} \nabla_{\mu}=\partial_{\mu}+\omega_{ \mu}^{\prime}, \quad \omega_{\mu}^{\prime}=\frac{1}{2} g_{\mu \nu}\left(A^{\nu}+\Gamma^{\nu} \cdot \mathrm{id} \right) \\ E=B-g^{\mu \nu}\left(\partial_{\mu} \omega_{ \nu}^{\prime}+\omega_{\mu}^{\prime} \omega_{\nu}^{ \prime}-\Gamma_{\mu \nu}^{\rho} \omega_{\rho}^{ \prime} \right) \\ \Omega_{\mu \nu}=\partial_{\mu} \omega_{ \nu}^{\prime}-\partial_{\nu} \omega_{\mu}^{\prime}+\left[\omega_{\mu}^{\prime}, \omega_{\nu}^{\prime}\right] \end{gathered}`	$$\begin{gathered} \nabla_{\mu}=\partial_{\mu}+\omega_{ \mu}^{\prime}, \quad \omega_{\mu}^{\prime}=\frac{1}{2} g_{\mu \nu}\left(A^{\nu}+\Gamma^{\nu} \cdot \mathrm{id} \right) \\ E=B-g^{\mu \nu}\left(\partial_{\mu} \omega_{ \nu}^{\prime}+\omega_{\mu}^{\prime} \omega_{\nu}^{ \prime}-\Gamma_{\mu \nu}^{\rho} \omega_{\rho}^{ \prime} \right) \\ \Omega_{\mu \nu}=\partial_{\mu} \omega_{ \nu}^{\prime}-\partial_{\nu} \omega_{\mu}^{\prime}+\left[\omega_{\mu}^{\prime}, \omega_{\nu}^{\prime}\right] \end{gathered}$$	$$\begin{gathered} \nabla_{\mu}=\partial_{\mu}+\omega_{ \mu}^{\prime}, \quad \omega_{\mu}^{\prime}=\frac{1}{2} g_{\mu \nu}\left(A^{\nu}+\Gamma^{\nu} \cdot \mathrm{id} \right) \\ E=B-g^{\mu \nu}\left(\partial_{\mu} \omega_{ \nu}^{\prime}+\omega_{\mu}^{\prime} \omega_{\nu}^{ \prime}-\Gamma_{\mu \nu}^{\rho} \omega_{\rho}^{ \prime} \right) \\ \Omega_{\mu \nu}=\partial_{\mu} \omega_{ \nu}^{\prime}-\partial_{\nu} \omega_{\mu}^{\prime}+\left[\omega_{\mu}^{\prime}, \omega_{\nu}^{\prime}\right] \end{gathered}$$

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cardona-qft-methods_EQ0491	222	1.000	`\begin{aligned} S & =\frac{1}{2 \kappa_{0}^{2}} \int R \sqrt{g} d^{4} x+\gamma_{0} \int \sqrt{g} d^{4} x \\ & +\alpha_{0} \int C_{\mu \nu \rho \sigma} C^{\mu \nu \rho \sigma} \sqrt{g} d^{4} x+\tau_{0} \int R^{*} R^{*} \sqrt{g} d^{4} x \\ & +\frac{1}{2} \int|D H|^{2} \sqrt{g} d^{4} x-\mu_{0}^{2} \int|H|^{2} \sqrt{g} d^{4} x \\ & -\xi_{0} \int R|H|^{2} \sqrt{g} d^{4} x+\lambda_{0} \int|H|^{4} \sqrt{g} d^{4} x \\ & +\frac{1}{4} \int \left(G_{\mu \nu}^{i} G^{\mu \nu i}+F_{\mu \nu}^{\alpha} F^{\mu \nu \alpha}+B_{\mu \nu} B^{\mu \nu}\right) \sqrt{g} d^{4} x \end{aligned}`	$\begin{aligned} S &= \frac{1}{2\kappa_0^2}\int R\sqrt{g}d^4x+\gamma_0\int\sqrt{g}d^4x \\ &+\alpha_0\int C_{\mu\nu\rho\sigma}C^{\mu\nu\rho\sigma}\sqrt{g}d^4x+\tau_0\int R^*R^*\sqrt{g}d^4x \\ &+\frac{1}{2}\int\|DH\|^2\sqrt{g}d^4x-\mu_0^2\int\|H\|^2\sqrt{g}d^4x \\ &-\xi_0\int R\|H\|^2\sqrt{g}d^4x+\lambda_0\int\|H\|^4\sqrt{g}d^4x \\ &+\frac{1}{4}\int\left(G_{\mu\nu}^iG^{\mu\nu i}+F_{\mu\nu}^\alpha F^{\mu\nu\alpha}+B_{\mu\nu}B^{\mu\nu}\right)\sqrt{g}d^4x \end{aligned}$	$\begin{aligned} S &= \frac{1}{2\kappa_0^2}\int R\sqrt{g}\,d^4x+\gamma_0\int\sqrt{g}\,d^4x \\ &+\alpha_0\int C_{\mu\nu\rho\sigma}C^{\mu\nu\rho\sigma}\sqrt{g}\,d^4x+\tau_0\int R^*R^*\sqrt{g}\,d^4x \\ &+\frac{1}{2}\int\|DH\|^2\sqrt{g}\,d^4x-\mu_0^2\int\|H\|^2\sqrt{g}\,d^4x \\ &-\xi_0\int R\|H\|^2\sqrt{g}\,d^4x+\lambda_0\int\|H\|^4\sqrt{g}\,d^4x \\ &+\frac{1}{4}\int\left(G_{\mu\nu}^iG^{\mu\nu i}+F_{\mu\nu}^\alpha F^{\mu\nu\alpha}+B_{\mu\nu}B^{\mu\nu}\right)\sqrt{g}\,d^4x \end{aligned}$
cardona-qft-methods_EQ0493	222	1.000	`\frac{g^{2} f_{0}}{2 \pi^{2}}=\frac{1}{4} .`	$\frac{g^2f_0}{2\pi^2}=\frac{1}{4}.$	$\frac{g^2f_0}{2\pi^2}=\frac{1}{4}.$
cardona-qft-methods_EQ0495	225	1.000	`\partial_{t} x_{i}(t)=\beta_{x_{i}}(x(t)),`	$\partial_t x_i(t)=\beta_{x_i}(x(t)),$	$\partial_t x_i(t)=\beta_{x_i}(x(t)),$
cardona-qft-methods_EQ0496 (1)	225	1.000	`\beta_{1}=\frac{41}{96 \pi^{2}} g_{1}^{3}, \quad \beta_{2}=-\frac{19}{96 \pi^{2}} g_{2}^{3}, \quad \beta_{3}=-\frac{7}{16 \pi^{2}} g_{3}^{3} .`	$\beta_1=\frac{41}{96\pi^2}g_1^3,\quad \beta_2=-\frac{19}{96\pi^2}g_2^3,\quad \beta_3=-\frac{7}{16\pi^2}g_3^3.$	$\beta_1=\frac{41}{96\pi^2}\,g_1^3,\quad \beta_2=-\frac{19}{96\pi^2}\,g_2^3,\quad \beta_3=-\frac{7}{16\pi^2}g_3^3.$
cardona-qft-methods_EQ0497 (2)	225	1.000	`g_{1}(0)=0.3575, \quad g_{2}(0)=0.6514, \quad g_{3}(0)=1.221`	$g_1(0)=0.3575,\quad g_2(0)=0.6514,\quad g_3(0)=1.221$	$g_1(0)=0.3575,\quad g_2(0)=0.6514,\quad g_3(0)=1.221$
cardona-qft-methods_EQ0499	226	1.000	`\frac{\sqrt{\mathfrak{a} f_{0}}}{\pi}=\frac{2 M_{W}}{g}`	$\frac{\sqrt{\mathfrak{a}f_0}}{\pi}=\frac{2M_W}{g}$	$\frac{\sqrt{\mathfrak{a}f_0}}{\pi}=\frac{2M_W}{g}$
cardona-qft-methods_EQ0503 (4)	227	1.000	`\begin{gathered} \delta_{(\uparrow 1)}=\frac{1}{246} \left(\begin{array}{ccc} 12.2 \times 10^{-9} & 0 & 0 \\ 0 & 170 \times 10^{-6} & 0 \\ 0 & 0 & 15.5 \times 10^{-3} \end{array}\right) \\ Y_{\nu}=U_{P M N S}^{\dagger} \delta_{(\uparrow 1)} U_{P M N S} \end{gathered}`	$\delta_{(\uparrow 1)}=\frac{1}{246}\begin{pmatrix} 12.2\times10^{-9} & 0 & 0 \\ 0 & 170\times10^{-6} & 0 \\ 0 & 0 & 15.5\times10^{-3} \end{pmatrix}$ $Y_\nu=U_{PMNS}^\dagger\delta_{(\uparrow 1)}U_{PMNS}$	$\delta_{(\uparrow 1)}=\frac{1}{246}\begin{pmatrix} 12.2\times10^{-9} & 0 & 0 \\ 0 & 170\times10^{-6} & 0 \\ 0 & 0 & 15.5\times10^{-3} \end{pmatrix}$ $Y_\nu=U_{PMNS}^\dagger\delta_{(\uparrow 1)}U_{PMNS}$

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cardona-qft-methods_EQ0504 (3)	227	■1.000	\begin{gathered} \beta_{y}=\frac{1}{16 \pi^{2}}\left(\frac{9}{2} y^{3}-8 g_{3}^{2} y-\frac{9}{4} g_{2}^{2} y-\frac{17}{12} g_{1}^{2} y\right) . \\ \beta_{\lambda}=\frac{1}{16 \pi^{2}}\left(24 \lambda^{2}+12 \lambda y^{2}-9 \lambda\left(g_{2}^{2}+\frac{1}{3} g_{1}^{2}\right)-6 y^{4}+\frac{9}{8} g_{2}^{4}+\frac{3}{8} g_{1}^{4}+\frac{3}{4} g_{2}^{2} g_{1}^{2}\right), \end{gathered}	$\beta_y = \frac{1}{16\pi^2}\left(\frac{9}{2}y^3 - 8g_3^2 y - \frac{9}{4}g_2^2 y - \frac{17}{12}g_1^2 y\right).$ $\beta_\lambda = \frac{1}{16\pi^2}\left(24\lambda^2 + 12\lambda y^2 - 9\lambda\left(g_2^2 + \frac{1}{3}g_1^2\right) - 6y^4 + \frac{9}{8}g_2^4 + \frac{3}{8}g_1^4 + \frac{3}{4}g_2^2 g_1^2\right),$	$\beta_y = \frac{1}{16\pi^2}\left(\frac{9}{2}y^3 - 8g_3^2 y - \frac{9}{4}g_2^2 y - \frac{17}{12}g_1^2 y\right). \quad (3)$ $\beta_\lambda = \frac{1}{16\pi^2}\left(24\lambda^2 + 12\lambda y^2 - 9\lambda(g_2^2 + \frac{1}{3}g_1^2) - 6y^4 + \frac{9}{8}g_2^4 + \frac{3}{8}g_1^4 + \frac{3}{4}g_2^2 g_1^2\right),$
cardona-qft-methods_EQ0505	228	■1.000	\frac{f_{0}}{2 \pi^{2}} \int b|\varphi|^{4} \sqrt{g} d^{4} x=\frac{\pi^{2}}{2 f_{0}} \frac{\mathfrak{b}}{ \mathfrak{a}^{2}} \int|\mathbf{H}|^{4} \sqrt{g} d^{4} x	$\frac{f_0}{2\pi^2}\int b\|\varphi\|^4\sqrt{g}d^4x = \frac{\pi^2}{2f_0}\frac{\mathfrak{b}}{\mathfrak{a}^2}\int \|\mathbf{H}\|^4\sqrt{g}d^4x$	$\frac{f_0}{2\pi^2}\int b\,\|\varphi\|^4\sqrt{g}\,d^4x = \frac{\pi^2}{2\,f_0}\frac{\mathfrak{b}}{\mathfrak{a}^2}\int \|\mathbf{H}\|^4\sqrt{g}\,d^4x$
cardona-qft-methods_EQ0506	228	■1.000	\tilde{\lambda}(\Lambda)=g_{3}^{2} \frac{\mathfrak{b}}{ \mathfrak{a}^{2}} .	$\tilde{\lambda}(\Lambda) = g_3^2\frac{\mathfrak{b}}{\mathfrak{a}^2}.$	$\tilde{\lambda}(\Lambda) = g_3^2\frac{\mathfrak{b}}{\mathfrak{a}^2}.$
cardona-qft-methods_EQ0507	228	■1.000	\frac{d \lambda}{d t}=\lambda \gamma+\frac{1}{8 \pi^{2}} \left(12 \lambda^{2}+B\right)	$\frac{d\lambda}{dt} = \lambda\gamma + \frac{1}{8\pi^2}\left(12\lambda^2 + B\right)$	$\frac{d\lambda}{dt} = \lambda\gamma + \frac{1}{8\pi^2}(12\lambda^2 + B)$
cardona-qft-methods_EQ0508	228	■1.000	\gamma=\frac{1}{16 \pi^{2}}\left(12 y_{t}^{2}-9 g_{2}^{2}-3 g_{1}^{2}\right) \quad B=\frac{3}{16}\left(3 g_{2}^{4}+2 g_{1}^{2} g_{2}^{2}+g_{1}^{4}\right)-3 y_{t}^{4}	$\gamma = \frac{1}{16\pi^2}\left(12y_t^2 - 9g_2^2 - 3g_1^2\right) \quad B = \frac{3}{16}\left(3g_2^4 + 2g_1^2 g_2^2 + g_1^4\right) - 3y_t^4$	$\gamma = \frac{1}{16\pi^2}(12y_t^2 - 9g_2^2 - 3g_1^2) \quad B = \frac{3}{16}(3g_2^4 + 2g_1^2 g_2^2 + g_1^4) - 3y_t^4$
cardona-qft-methods_EQ0509	228	■1.000	m_{H}^{2}=8 \lambda \frac{M^{2}}{g^{2}}, \quad m_{H}= \sqrt{2 \lambda} \frac{2 M}{g} .	$m_H^2 = 8\lambda\frac{M^2}{g^2}, \quad m_H = \sqrt{2\lambda}\frac{2M}{g}.$	$m_H^2 = 8\lambda\,\frac{M^2}{g^2}, \quad m_H = \sqrt{2\lambda}\,\frac{2M}{g}.$
cardona-qft-methods_EQ0510	229	■1.000	\int\left(\frac{1}{2 \eta} C_{\mu \nu \rho \sigma} C^{ \mu \nu \rho \sigma}-\frac{\omega}{3 \eta} R^{2}+\frac{ \theta}{\eta} R^{*} R^{*}\right) \sqrt{g} d^{4} x	$\int\left(\frac{1}{2\eta}C_{\mu\nu\rho\sigma}C^{\mu\nu\rho\sigma} - \frac{\omega}{3\eta}R^2 + \frac{\theta}{\eta}R^*R^*\right)\sqrt{g}d^4x$	$\int\left(\frac{1}{2\eta}C_{\mu\nu\rho\sigma}C^{\mu\nu\rho\sigma} - \frac{\omega}{3\eta}R^2 + \frac{\theta}{\eta}R^*R^*\right)\sqrt{g}\,d^4x$
cardona-qft-methods_EQ0511	229	■1.000	\begin{aligned} & \beta_{\eta}=-\frac{1}{(4 \pi)^{2}} \frac{133}{10} \eta^{2} \\ & \beta_{\omega}=-\frac{1}{(4 \pi)^{2}} \frac{25+1098 \omega+200 \omega^{2}}{60} \eta \\ & \beta_{\theta}=\frac{1}{(4 \pi)^{2}} \frac{7(56-171 \theta)}{90} \eta . \end{aligned}	$\beta_\eta = -\frac{1}{(4\pi)^2}\frac{133}{10}\eta^2$ $\beta_\omega = -\frac{1}{(4\pi)^2}\frac{25+1098\omega+200\omega^2}{60}\eta$ $\beta_\theta = \frac{1}{(4\pi)^2}\frac{7(56-171\theta)}{90}\eta.$	$\beta_\eta = -\frac{1}{(4\pi)^2}\frac{133}{10}\eta^2$ $\beta_\omega = -\frac{1}{(4\pi)^2}\frac{25+1098\,\omega+200\,\omega^2}{60}\eta$ $\beta_\theta = \frac{1}{(4\pi)^2}\frac{7(56-171\,\theta)}{90}\eta.$
cardona-qft-methods_EQ0516 (2)	236	■1.000	\Delta x \Delta p \geq \frac{\hbar}{2},	$\Delta x\Delta p \geq \frac{\hbar}{2},$	$\Delta x\Delta p \geq \frac{\hbar}{2},$
cardona-qft-methods_EQ0517 (3)	236	■1.000	x y-y x=i \theta,	$xy - yx = i\theta,$	$x\,y - y\,x = i\theta,$
cardona-qft-methods_EQ0518 (4)	236	■1.000	\Delta x \Delta y \geq \frac{\theta}{2},	$\Delta x\Delta y \geq \frac{\theta}{2},$	$\Delta x\,\Delta y \geq \frac{\theta}{2},$
cardona-qft-methods_EQ0521 (1)	239	■1.000	U(g)=\bigoplus_{N} U^{(N)}(g),	$U(g) = \bigoplus_N U^{(N)}(g),$	$U(g) = \bigoplus_N U^{(N)}(g),$

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cardona-qft-methods_EQ0522 (2)	239	1.000	U^{(N)}(g)\left|\rho_{1}\right\rangle \otimes\left|\rho_{2}\right\rangle \otimes \cdots \otimes\left|\rho_{N}\right\rangle=U^{(1)}(g)\left|\rho_{1}\right\rangle \otimes U^{(1)}(g)\left|\rho_{2}\right\rangle \otimes \cdots \otimes U^{(1)}(g)\left|\rho_{N}\right\rangle .	$U^{(N)}(g)\left\|\rho_{1}\right\rangle \otimes\left\|\rho_{2}\right\rangle \otimes \cdots \otimes\left\|\rho_{N}\right\rangle=U^{(1)}(g)\left\|\rho_{1}\right\rangle \otimes U^{(1)}(g)\left\|\rho_{2}\right\rangle \otimes \cdots \otimes U^{(1)}(g)\left\|\rho_{N}\right\rangle .$	$U^{(N)}(g)\|\rho_1\rangle\otimes\|\rho_2\rangle\otimes\cdots\otimes\|\rho_N\rangle = U^{(1)}(g)\|\rho_1\rangle\otimes U^{(1)}(g)\|\rho_2\rangle\otimes\cdots\otimes U^{(1)}(g)\|\rho_N\rangle.$
cardona-qft-methods_EQ0523 (3)	240	1.000	\alpha^{*}=\sum_{g \in G} \alpha(g) g,	$\alpha^{*}=\sum_{g \in G} \alpha(g) g,$	$\alpha^{*}=\sum_{g \in G} \alpha(g) g,$
cardona-qft-methods_EQ0524 (4)	240	1.000	\alpha^{*} \beta^{*}:=\sum_{g \in G}(\alpha * \beta)(g) g,	$\alpha^{*} \beta^{*}:=\sum_{g \in G}(\alpha * \beta)(g) g,$	$\alpha^{*} \beta^{*}:=\sum_{g \in G}(\alpha * \beta)(g) g,$
cardona-qft-methods_EQ0525 (5)	240	1.000	(\alpha * \beta)(g)=\sum_{h \in G} \alpha\left(g h^{-1} \right) \beta(h) .	$(\alpha * \beta)(g)=\sum_{h \in G} \alpha\left(g h^{-1} \right) \beta(h) .$	$(\alpha * \beta)(g)=\sum_{h \in G} \alpha(g h^{-1}) \beta(h).$
cardona-qft-methods_EQ0526 (6)	240	1.000	\alpha^{*}=\int d \mu(g) \alpha(g) g .	$\alpha^{*}=\int d \mu(g) \alpha(g) g .$	$\alpha^{*}=\int d \mu(g) \alpha(g) g.$
cardona-qft-methods_EQ0527 (7)	240	1.000	\begin{aligned} U^{(N)}\left(\alpha^{*}\right) & =\int d \mu(g) \alpha(g) U^{(N)}(g) \\ U\left(\alpha^{*}\right) & =\int d \mu(g) \alpha(g) U(g) \end{aligned}	$\begin{aligned} U^{(N)}\left(\alpha^{*}\right) & =\int d \mu(g) \alpha(g) U^{(N)}(g) \\ U\left(\alpha^{*}\right) & =\int d \mu(g) \alpha(g) U(g) \end{aligned}$	$\begin{aligned} U^{(N)}(\alpha^{*}) & =\int d \mu(g) \alpha(g) U^{(N)}(g), \\ U(\alpha^{*}) & =\int d \mu(g) \alpha(g) U(g). \end{aligned}$
cardona-qft-methods_EQ0528 (8)	241	1.000	U^{(1)}(g)|\rho\rangle=|\sigma\rangle D_{\sigma \rho}(g),	$U^{(1)}(g)\|\rho\rangle=\|\sigma\rangle D_{\sigma \rho}(g),$	$U^{(1)}(g)\|\rho\rangle=\|\sigma\rangle D_{\sigma \rho}(g),$
cardona-qft-methods_EQ0529 (9)	241	1.000	\Delta(g)=g \otimes g .	$\Delta(g)=g \otimes g .$	$\Delta(g)=g \otimes g.$
cardona-qft-methods_EQ0531	241	1.000	\begin{aligned} & U^{(3)}(g)=\left(U^{(2)} \otimes U^{(1)}\right) \Delta(g), \\ & U^{(4)}(g)=\left(U^{(3)} \otimes U^{(1)}\right) \Delta(g), \end{aligned}	$\begin{aligned} & U^{(3)}(g)=\left(U^{(2)} \otimes U^{(1)}\right) \Delta(g), \\ & U^{(4)}(g)=\left(U^{(3)} \otimes U^{(1)}\right) \Delta(g), \end{aligned}$	$\begin{aligned} & U^{(3)}(g)=\left(U^{(2)} \otimes U^{(1)}\right) \Delta(g), \\ & U^{(4)}(g)=\left(U^{(3)} \otimes U^{(1)}\right) \Delta(g), \end{aligned}$
cardona-qft-methods_EQ0532 (11)	241	1.000	U^{(N)}(g)=U^{(1)}(g) \otimes U^{(1)}(g) \otimes \cdots \otimes U^{(1)}(g) .	$U^{(N)}(g)=U^{(1)}(g) \otimes U^{(1)}(g) \otimes \cdots \otimes U^{(1)}(g) .$	$U^{(N)}(g)=U^{(1)}(g) \otimes U^{(1)}(g) \otimes \cdots \otimes U^{(1)}(g).$
cardona-qft-methods_EQ0533 (12)	241	1.000	(\Delta \otimes \mathrm{Id}) \Delta=(\mathrm{Id} \otimes \Delta) \Delta .	$(\Delta \otimes \mathrm{Id}) \Delta=(\mathrm{Id} \otimes \Delta) \Delta .$	$(\Delta \otimes \mathrm{Id}) \Delta=(\mathrm{Id} \otimes \Delta) \Delta.$
cardona-qft-methods_EQ0534 (13)	241	1.000	\mathbb{C} G \rightarrow \underbrace{\mathbb{C} G \otimes \mathbb{C} G \otimes \cdots \mathbb{C} G}_{N \text { factors }} .	$\mathbb{C} G \rightarrow \underbrace{\mathbb{C} G \otimes \mathbb{C} G \otimes \cdots \mathbb{C} G}_{N \text { factors }} .$	$\mathbb{C} G \rightarrow \underbrace{\mathbb{C} G \otimes \mathbb{C} G \otimes \cdots \mathbb{C} G}_{N \text { factors }} .$
cardona-qft-methods_EQ0535 (14)	241	1.000	\mathbb{C} G \rightarrow \underbrace{\mathbb{C} G \otimes \mathbb{C} G \otimes \cdots \otimes \mathbb{C} G}_{(N+1) \text { factors }}	$\mathbb{C} G \rightarrow \underbrace{\mathbb{C} G \otimes \mathbb{C} G \otimes \cdots \otimes \mathbb{C} G}_{(N+1) \text { factors }}$	$\mathbb{C} G \rightarrow \underbrace{\mathbb{C} G \otimes \mathbb{C} G \otimes \cdots \otimes \mathbb{C} G}_{(N+1) \text { factors }},$
cardona-qft-methods_EQ0536 (15)	242	1.000	\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{\theta},	$\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{\theta},$	$\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{\theta},$
cardona-qft-methods_EQ0537	242	1.000	F_{\theta}=e^{\frac{1}{2} P_{\mu} \theta^{\mu \nu} \otimes P_{\nu}},	$F_{\theta}=e^{\frac{1}{2} P_{\mu} \theta^{\mu \nu} \otimes P_{\nu}},$	$F_{\theta}=e^{\frac{1}{2} P_{\mu} \theta^{\mu \nu} \otimes P_{\nu}},$
cardona-qft-methods_EQ0538	242	1.000	\epsilon: G \rightarrow \mathbb{C}, \quad \epsilon(g)=1 .	$\epsilon: G \rightarrow \mathbb{C}, \quad \epsilon(g)=1 .$	$\epsilon: G \rightarrow \mathbb{C}, \quad \epsilon(g)=1.$

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cardona-qft-methods_EQ0539	242	1.000	\epsilon: \int d \mu(g) \alpha(g) g \rightarrow \int d \mu(g) \alpha(g)	$\epsilon : \int d\mu(g)\alpha(g)g \rightarrow \int d\mu(g)\alpha(g)$	$\epsilon : \int d\mu(g)\alpha(g)g \rightarrow \int d\mu(g)\alpha(g)$
cardona-qft-methods_EQ0540	243	1.000	S: \hat{\alpha}=\int d \mu(g) \alpha(g) g \rightarrow S(\hat{\alpha})=\int d \mu(g) \alpha(g) S(g)	$S : \hat{\alpha} = \int d\mu(g)\alpha(g)g \rightarrow S(\hat{\alpha}) = \int d\mu(g)\alpha(g)S(g)$	$S : \hat{\alpha} = \int d\mu(g)\alpha(g)g \rightarrow S(\hat{\alpha}) = \int d\mu(g)\alpha(g)S(g).$
cardona-qft-methods_EQ0541	243	1.000	m(g \otimes h)=g h, \quad ; g, h \in G .	$m(g \otimes h) = gh, \quad ; g, h \in G.$	$m(g \otimes h) = gh, \quad ; g, h \in G.$
cardona-qft-methods_EQ0544	243	1.000	\left(m_{13} \otimes m_{24}\right)\left(a_{1} \otimes a_{2} \otimes a_{3} \otimes a_{4}\right)=a_{1} a_{3} \otimes a_{2} a_{4} .	$(m_{13} \otimes m_{24})\,(a_1 \otimes a_2 \otimes a_3 \otimes a_4) = a_1 a_3 \otimes a_2 a_4.$	$(m_{13} \otimes m_{24})(a_1 \otimes a_2 \otimes a_3 \otimes a_4) = a_1 a_3 \otimes a_2 a_4.$
cardona-qft-methods_EQ0545	243	1.000	\left(\int d \mu(g) \alpha(g) g\right)^{*}=\int d \mu(g) \bar{\alpha}(g) g^{-1}	$\left(\int d\mu(g)\alpha(g)g\right)^{*} = \int d\mu(g)\bar{\alpha}(g)g^{-1}$	$\left(\int d\mu(g)\alpha(g)g\right)^{*} = \int d\mu(g)\bar{\alpha}(g)g^{-1}.$
cardona-qft-methods_EQ0546 (16)	244	1.000	\Delta: H \rightarrow H \otimes H	$\Delta : H \rightarrow H \otimes H$	$\Delta : H \rightarrow H \otimes H$
cardona-qft-methods_EQ0550	244	1.000	m(\alpha \otimes \beta)=\alpha \beta .	$m(\alpha \otimes \beta) = \alpha\beta.$	$m(\alpha \otimes \beta) = \alpha\beta.$
cardona-qft-methods_EQ0551	244	1.000	\left(m_{13} \otimes m_{24}\right)\left(\alpha_{1} \otimes \alpha_{2} \otimes \alpha_{3} \otimes \alpha_{4} \right)=\alpha_{1} \alpha_{3} \otimes \alpha_{2} \alpha_{4} .	$(m_{13} \otimes m_{24})\,(\alpha_1 \otimes \alpha_2 \otimes \alpha_3 \otimes \alpha_4) = \alpha_1\alpha_3 \otimes \alpha_2\alpha_4.$	$(m_{13} \otimes m_{24})(\alpha_1 \otimes \alpha_2 \otimes \alpha_3 \otimes \alpha_4) = \alpha_1\alpha_3 \otimes \alpha_2\alpha_4.$
cardona-qft-methods_EQ0552 (19)	244	1.000	\Delta m(\alpha \otimes \beta)=\left(m_{13} \otimes m_{24}\right)(\Delta \otimes \Delta)(\alpha \otimes \beta) .	$\Delta m(\alpha \otimes \beta) = (m_{13} \otimes m_{24})\,(\Delta \otimes \Delta)(\alpha \otimes \beta).$	$\Delta m(\alpha \otimes \beta) = (m_{13} \otimes m_{24})(\Delta \otimes \Delta)(\alpha \otimes \beta).$
cardona-qft-methods_EQ0553	245	1.000	(F \otimes I d)(\Delta \otimes I d) F=(I d \otimes F)(I d \otimes \Delta) F, \quad(\epsilon \otimes I d) F=(I d \otimes \epsilon) F=1 .	$(F \otimes Id)(\Delta \otimes Id)F = (Id \otimes F)(Id \otimes \Delta)F, \quad (\epsilon \otimes Id)F = (Id \otimes \epsilon)F = 1.$	$(F \otimes Id)(\Delta \otimes Id)F = (Id \otimes F)(Id \otimes \Delta)F, \quad (\epsilon \otimes Id)F = (Id \otimes \epsilon)F = 1.$
cardona-qft-methods_EQ0554	245	1.000	\Delta(g)=g \otimes g, \quad g \in G \subset G \mathbb{C} G,	$\Delta(g) = g \otimes g, \quad g \in G \subset G\mathbb{C}G,$	$\Delta(g) = g \otimes g, \quad g \in G \subset G\mathbb{C}G,$
cardona-qft-methods_EQ0555	245	1.000	\xi \otimes \eta \rightarrow(\rho \otimes \rho) \Delta(g) \xi \otimes \eta=\rho(g) \xi \otimes \rho(g) \eta .	$\xi \otimes \eta \rightarrow (\rho \otimes \rho)\Delta(g)\xi \otimes \eta = \rho(g)\xi \otimes \rho(g)\eta.$	$\xi \otimes \eta \rightarrow (\rho \otimes \rho)\Delta(g)\xi \otimes \eta = \rho(g)\xi \otimes \rho(g)\eta.$
cardona-qft-methods_EQ0556	245	1.000	\tau(\xi \otimes \eta)=\eta \otimes \xi .	$\tau(\xi \otimes \eta) = \eta \otimes \xi.$	$\tau(\xi \otimes \eta) = \eta \otimes \xi.$
cardona-qft-methods_EQ0557	246	1.000	\tau_{i, i+1}=\underbrace{1 \otimes \cdots \otimes 1}_{(i-1) \text { factors }} \otimes \tau \underbrace{ \otimes 1 \otimes \cdots \otimes 1}_{(N-i-1) \text { factors }} .	$\tau_{i,i+1} = \underbrace{1 \otimes \cdots \otimes 1}_{(i-1) \text{ factors}} \otimes \tau \underbrace{\otimes 1 \otimes \cdots \otimes 1}_{(N-i-1) \text{ factors}} .$	$\tau_{i,i+1} = \underbrace{1 \otimes \cdots \otimes 1}_{(i-1) \text{ factors}} \otimes \tau \underbrace{\otimes 1 \otimes \cdots \otimes 1}_{(N-i-1) \text{ factors}} .$
cardona-qft-methods_EQ0559	246	1.000	\Delta^{\mathrm{op}}(\eta)=\eta^{(2)} \otimes \eta^{(2)}	$\Delta^{\mathrm{op}}(\eta) = \eta^{(2)} \otimes \eta^{(2)}$	$\Delta^{\mathrm{op}}(\eta) = \eta^{(2)} \otimes \eta^{(2)}.$
cardona-qft-methods_EQ0560	247	1.000	R_{i, i+1}=\underbrace{1 \otimes 1 \otimes \cdots \otimes 1}_{(i-1) \text { factors }} \otimes R \otimes \underbrace{1 \otimes 1 \otimes \cdots \otimes 1}_{(N-i-1) \text { factors }}	$R_{i,i+1} = \underbrace{1 \otimes 1 \otimes \cdots \otimes 1}_{(i-1) \text{ factors}} \otimes R \otimes \underbrace{1 \otimes 1 \otimes \cdots \otimes 1}_{(N-i-1) \text{ factors}}$	$R_{i,i+1} = \underbrace{1 \otimes 1 \otimes \cdots \otimes 1}_{(i-1) \text{ factors}} \otimes R \otimes \underbrace{1 \otimes 1 \otimes \cdots \otimes 1}_{(N-i-1) \text{ factors}}$
cardona-qft-methods_EQ0561	247	1.000	\mathcal{R}_{i, i+1}=\tau_{i, i+1}(\rho \otimes \rho \otimes \cdots \otimes \rho) R_{i, i+1}	$\mathcal{R}_{i,i+1} = \tau_{i,i+1}(\rho \otimes \rho \otimes \cdots \otimes \rho)R_{i,i+1}$	$\mathcal{R}_{i,i+1} = \tau_{i,i+1}(\rho \otimes \rho \otimes \cdots \otimes \rho)R_{i,i+1}$
cardona-qft-methods_EQ0562	247	1.000	R_{i+1, i+2} R_{i, i+2} R_{i, i+1}=R_{i, i+1} R_{i, i+2} R_{i+1, i+2} .	$R_{i+1,i+2}R_{i,i+2}R_{i,i+1} = R_{i,i+1}R_{i,i+2}R_{i+1,i+2}.$	$R_{i+1,i+2}R_{i,i+2}R_{i,i+1} = R_{i,i+1}R_{i,i+2}R_{i+1,i+2}.$
cardona-qft-methods_EQ0563	247	1.000	\Delta_{\theta}(g)=F_{\theta}^{-1}(g \otimes g) F_{ \theta}	$\Delta_\theta(g) = F_\theta^{-1}(g \otimes g)F_\theta$	$\Delta_\theta(g) = F_\theta^{-1}(g \otimes g)F_\theta$

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cardona-qft-methods_EQ0564	247	1.000	`\tau_{\theta}=(\rho \otimes \rho) F_{\theta}^{-1} \tau(\rho \otimes \rho) F_{\theta}`	$\tau_\theta = (\rho \otimes \rho) F_\theta^{-1} \tau(\rho \otimes \rho) F_\theta$	$\tau_\theta = (\rho \otimes \rho) F_\theta^{-1} \tau(\rho \otimes \rho) F_\theta$
cardona-qft-methods_EQ0565	247	1.000	`\tau_{\theta}=\tau(\rho \otimes \rho) F_{\theta}^{2},`	$\tau_\theta = \tau(\rho \otimes \rho) F_\theta^{2},$	$\tau_\theta = \tau(\rho \otimes \rho) F_\theta^{2},$
cardona-qft-methods_EQ0566	247	1.000	`R_{\theta}=F_{\theta}^{2} .`	$R_\theta = F_\theta^{2}.$	$R_\theta = F_\theta^{2}.$
cardona-qft-methods_EQ0567 (1)	248	1.000	`R(t)=0 \quad t<0`	$R(t) = 0 \quad t < 0$	$R(t) = 0 \quad t < 0$
cardona-qft-methods_EQ0569 (3)	248	1.000	`\Im \omega>0 .`	$\Im \omega > 0.$	$\Im \omega > 0.$
cardona-qft-methods_EQ0570 (4)	248	1.000	`\begin{gathered} {[\rho(x), \eta(y)]=0 \quad \text{ if }} \\ \left(x^{0}-y^{0}\right)^{2}-(\vec{x}-\vec{y})^{2}<0 \end{gathered}`	$[\rho(x), \eta(y)] = 0 \quad \text{ if } \\ \left(x^{0}-y^{0}\right)^{2}-(\vec{x}-\vec{y})^{2}<0$	$[\rho(x), \eta(y)] = 0 \quad \text{ if } \\ (x^{0}-y^{0})^{2}-(\vec{x}-\vec{y})^{2}<0$
cardona-qft-methods_EQ0571 (6)	249	1.000	`[\varphi(x), \chi(y)]_{-}=0 \quad x \sim y`	$[\varphi(x), \chi(y)]_{-} = 0 \quad x \sim y$	$[\varphi(x), \chi(y)]_{-} = 0 \quad x \sim y$
cardona-qft-methods_EQ0572 (7)	249	1.000	`\left.\left[\psi_{\alpha}^{(1)}(x), \psi_{\alpha}^{(2)}(y)\right)\right]_{+}=0 \quad x \sim y`	$\left[\psi_{\alpha}^{(1)}(x), \psi_{\alpha}^{(2)}(y)\right)\Big]_{+} = 0 \quad x \sim y$	$[\psi_{\alpha}^{(1)}(x), \psi_{\alpha}^{(2)}(y))]_{+} = 0 \quad x \sim y$
cardona-qft-methods_EQ0575 (10)	249	1.000	`g \rightarrow\left[U_{1} \otimes U_{2}\right](g \otimes g)`	$g \rightarrow \left[U_1 \otimes U_2\right](g \otimes g)$	$g \rightarrow [U_1 \otimes U_2](g \otimes g)$
cardona-qft-methods_EQ0576 (11)	250	1.000	`\begin{aligned} \Delta: G & \rightarrow G \otimes G, \\ g & \rightarrow \Delta(g):=g \otimes g, \end{aligned}`	$\Delta : G \rightarrow G \otimes G, \\ g \rightarrow \Delta(g) := g \otimes g,$	$\Delta : G \rightarrow G \otimes G, \\ g \rightarrow \Delta(g) := g \otimes g,$
cardona-qft-methods_EQ0577 (12)	250	1.000	`F_{\theta}=e^{\frac{i}{2} \partial_{\mu} \otimes \theta^{\mu \nu} \partial_{\nu}}=\text { "Twist element" }`	$F_\theta = e^{\frac{i}{2} \partial_{\mu} \otimes \theta^{\mu \nu} \partial_{\nu}} = \text{ "Twist element" }$	$F_\theta = e^{\frac{i}{2} \partial_{\mu} \otimes \theta^{\mu \nu} \partial_{\nu}} = \text{ "Twist element" }$
cardona-qft-methods_EQ0578 (13)	250	1.000	`f \star g=m_{0}\left[F_{\theta} f \otimes g\right],`	$f \star g = m_0 \left[F_\theta f \otimes g\right],$	$f \star g = m_0 [F_\theta f \otimes g],$
cardona-qft-methods_EQ0579 (14)	250	1.000	`m_{0}(\alpha \otimes \beta)(x)=\alpha(x) \beta(x)`	$m_0(\alpha \otimes \beta)(x) = \alpha(x)\beta(x)$	$m_0(\alpha \otimes \beta)(x) = \alpha(x)\beta(x)$
cardona-qft-methods_EQ0581	250	1.000	`\Lambda: \alpha \rightarrow \Lambda^{*} \alpha, \quad\left(\Lambda^{*} \alpha\right)(x)=\alpha\left[\Lambda^{-1}(x)\right] .`	$\Lambda : \alpha \rightarrow \Lambda^* \alpha, \quad \left(\Lambda^* \alpha\right)(x) = \alpha\left[\Lambda^{-1}(x)\right].$	$\Lambda : \alpha \rightarrow \Lambda^* \alpha, \quad (\Lambda^* \alpha)(x) = \alpha[\Lambda^{-1}(x)].$
cardona-qft-methods_EQ0582 (15)	250	1.000	`\Delta_{\theta}(\Lambda)=F_{\theta}^{-1}(\Lambda \otimes \lambda) F_{\theta} .`	$\Delta_\theta(\Lambda) = F_\theta^{-1}(\Lambda \otimes \lambda) F_\theta.$	$\Delta_\theta(\Lambda) = F_\theta^{-1}(\Lambda \otimes \lambda) F_\theta.$
cardona-qft-methods_EQ0583 (16)	250	1.000	`\phi \otimes_{S, A} \chi \equiv \frac{1}{2}(\phi \otimes \chi \pm \chi \otimes \phi)`	$\phi \otimes_{S,A} \chi \equiv \frac{1}{2}(\phi \otimes \chi \pm \chi \otimes \phi)$	$\phi \otimes_{S,A} \chi \equiv \frac{1}{2}(\phi \otimes \chi \pm \chi \otimes \phi)$
cardona-qft-methods_EQ0584 (17)	251	1.000	`\tau_{0}(\phi \otimes \chi)=\chi \otimes \phi`	$\tau_0(\phi \otimes \chi) = \chi \otimes \phi$	$\tau_0(\phi \otimes \chi) = \chi \otimes \phi$
cardona-qft-methods_EQ0585 (18)	251	1.000	`\tau_{0} \Delta_{0}(\Lambda)=\Delta_{0}(\Lambda) \tau_{0}`	$\tau_0 \Delta_0(\Lambda) = \Delta_0(\Lambda) \tau_0$	$\tau_0 \Delta_0(\Lambda) = \Delta_0(\Lambda) \tau_0$
cardona-qft-methods_EQ0586 (19)	251	1.000	`\left(\frac{1 \pm \tau_{0}}{2}\right)(\phi \otimes \chi) .`	$\left(\frac{1 \pm \tau_0}{2}\right)(\phi \otimes \chi).$	$\left(\frac{1 \pm \tau_0}{2}\right)(\phi \otimes \chi).$
cardona-qft-methods_EQ0587 (20)	251	1.000	`\tau_{0} F_{\theta}=F_{\theta}^{-1} \tau_{0},`	$\tau_0 F_\theta = F_\theta^{-1} \tau_0,$	$\tau_0 F_\theta = F_\theta^{-1} \tau_0,$
cardona-qft-methods_EQ0589 (22)	251	1.000	`\tau_{\theta} \equiv F_{\theta}^{-1} \tau_{0} F_{\theta}, \quad \tau_{\theta}^{2}=1 \otimes 1,`	$\tau_\theta \equiv F_\theta^{-1} \tau_0 F_\theta, \quad \tau_\theta^2 = 1 \otimes 1,$	$\tau_\theta \equiv F_\theta^{-1} \tau_0 F_\theta, \quad \tau_\theta^2 = 1 \otimes 1,$
cardona-qft-methods_EQ0590 (23)	251	1.000	`\Delta_{\theta}(\Lambda)=F_{\theta}^{-1} \Lambda \otimes \Lambda F_{\theta} .`	$\Delta_\theta(\Lambda) = F_\theta^{-1} \Lambda \otimes \Lambda F_\theta.$	$\Delta_\theta(\Lambda) = F_\theta^{-1} \Lambda \otimes \Lambda F_\theta.$

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cardona-qft-methods_EQ0593 (2)	252	1.000	U:(a, \Lambda) \rightarrow U(a, \Lambda)	$U:(a,\Lambda)\rightarrow U(a,\Lambda)$	$U:(a,\Lambda)\rightarrow U(a,\Lambda)$
cardona-qft-methods_EQ0594 (3)	252	1.000	U(a, \Lambda) \varphi(x) U(a, \Lambda)^{-1}=\varphi((a, \Delta) x)	$U(a,\Lambda)\varphi(x)U(a,\Lambda)^{-1}=\varphi((a,\Delta)x)$	$U(a,\Lambda)\varphi(x)U(a,\Lambda)^{-1}=\varphi((a,\Delta)x)$
cardona-qft-methods_EQ0595 (4)	252	1.000	\operatorname{Ad} U(a, \Lambda) \varphi=U(a, \Lambda) \varphi U(a, \Lambda)^{-1}	$\operatorname{Ad} U(a,\Lambda)\varphi=U(a,\Lambda)\varphi U(a,\Lambda)^{-1}$	$\operatorname{Ad}U(a,\Lambda)\varphi=U(a,\Lambda)\varphi U(a,\Lambda)^{-1}$
cardona-qft-methods_EQ0596 (5)	252	1.000	(a, \Delta): \alpha \rightarrow(a, \Lambda) \triangleright \alpha, \quad[(a, \Lambda) \alpha](x) \quad \alpha \in S\left(M^{d+1}\right)	$(a,\Delta):\alpha\rightarrow(a,\Lambda)\triangleright\alpha,\quad[(a,\Lambda)\alpha](x)\quad\alpha\in S\left(M^{d+1}\right)$	$(a,\Delta):\alpha\rightarrow(a,\Lambda)\triangleright\alpha,\quad[(a,\Lambda)\alpha](x)\quad\alpha\in S(M^{d+1})$
cardona-qft-methods_EQ0597 (6)	252	1.000	\Delta_{0}((a, \Lambda))=(a, \Lambda) \otimes(a, \Lambda)	$\Delta_0((a,\Lambda))=(a,\Lambda)\otimes(a,\Lambda)$	$\Delta_0((a,\Lambda))=(a,\Lambda)\otimes(a,\Lambda)$
cardona-qft-methods_EQ0599 (8)	252	1.000	\varphi\left(x_{1}\right) \varphi\left(x_{2}\right) \ldots \varphi\left(x_{N}\right) .	$\varphi\left(x_1\right)\varphi\left(x_2\right)\ldots\varphi\left(x_N\right).$	$\varphi(x_1)\varphi(x_2)\ldots\varphi(x_N).$
cardona-qft-methods_EQ0600 (9)	253	1.000	(\varphi \otimes \ldots \otimes \varphi)\left(x_{1}, x_{2}, \ldots, x_{N}\right)=\varphi\left(x_{1}\right) \varphi\left(x_{2}\right) \ldots \varphi\left(x_{N} \right)	$\left(\varphi\otimes\ldots\otimes\varphi\right)\left(x_1,x_2,\ldots,x_N\right)=\varphi\left(x_1\right)\varphi\left(x_2\right)\ldots\varphi\left(x_N\right)$	$(\varphi\otimes\ldots\otimes\varphi)(x_1,x_2,\ldots,x_N)=\varphi(x_1)\varphi(x_2)\ldots\varphi(x_N)$
cardona-qft-methods_EQ0601 (10)	253	1.000	(\underbrace{\mathbb{I} \otimes \mathbb{I} \otimes \mathbb{I} \ldots \mathbb{I} \otimes \Delta_{0}}_{N-1}(\underbrace{\mathbb{I} \otimes \mathbb{I} \otimes \mathbb{I} \ldots \mathbb{I} \otimes \Delta_{0}}_{N-2}) \ldots \Delta_{0}	$(\underbrace{\mathbb{I}\otimes\mathbb{I}\otimes\mathbb{I}\ldots\mathbb{I}\otimes\Delta_0}_{N-1}(\underbrace{\mathbb{I}\otimes\mathbb{I}\otimes\mathbb{I}\ldots\mathbb{I}\otimes\Delta_0}_{N-2})\ldots\Delta_0$	$(\underbrace{\mathbb{I}\otimes\mathbb{I}\otimes\mathbb{I}\ldots\mathbb{I}\otimes\Delta_0}_{N-1}(\underbrace{\mathbb{I}\otimes\mathbb{I}\otimes\mathbb{I}\ldots\mathbb{I}\otimes\Delta_0}_{N-2})\ldots\Delta_0$
cardona-qft-methods_EQ0602 (11)	253	1.000	\Delta_{0}^{N}(a, \Lambda)=(a, \Lambda) \otimes(a, \Lambda) \otimes \cdots \otimes(a, \Lambda) .	$\Delta_0^N(a,\Lambda)=(a,\Lambda)\otimes(a,\Lambda)\otimes\cdots\otimes(a,\Lambda).$	$\Delta_0^N(a,\Lambda)=(a,\Lambda)\otimes(a,\Lambda)\otimes\cdots\otimes(a,\Lambda).$
cardona-qft-methods_EQ0603 (12)	253	1.000	U(a, \Lambda)\left(\varphi^{\otimes N}\left((a, \Lambda)^{-1} x_{1}, \ldots,(a, \Lambda)^{-1} x_{N} \right)\right) U(a, \Lambda)^{-1}=\varphi^{\otimes N} \left(x_{1}, x_{2}, \ldots x_{N}\right)	$U(a,\Lambda)\left(\varphi^{\otimes N}\left((a,\Lambda)^{-1}x_1,\ldots,(a,\Lambda)^{-1}x_N\right)\right)U(a,\Lambda)^{-1}=\varphi^{\otimes N}\left(x_1,x_2,\ldots x_N\right)$	$U(a,\Lambda)(\varphi^{\otimes N}((a,\Lambda)^{-1}x_1,\ldots,(a,\Lambda)^{-1}x_N))U(a,\Lambda)^{-1}=\varphi^{\otimes N}(x_1,x_2,\ldots x_N)$
cardona-qft-methods_EQ0604 (13)	253	1.000	\varphi=\int d \mu(p)\left(c_{p}^{\dagger} e_{p}+c_{p} e_{-p}\right)=\varphi^{(-)}+\varphi^{(+)}	$\varphi=\int d\mu(p)\left(c_p^\dagger e_p+c_p e_{-p}\right)=\varphi^{(-)}+\varphi^{(+)}$	$\varphi=\int d\mu(p)(c_p^\dagger e_p+c_p e_{-p})=\varphi^{(-)}+\varphi^{(+)}$
cardona-qft-methods_EQ0606	253	1.000	\begin{array}{r} \varphi^{(-)}\left(x_{1}\right) \varphi^{(-)}\left(x_{2}\right) \ldots \varphi^{(-)} \left(x_{N}\right)|0\rangle= \\ \int \prod_{i} d \mu \left(p_{i}\right) c_{p_{1}}^{\dagger}\left(x_{1}\right) c_{p_{2}}^{\dagger}\left(x_{2}\right) \ldots c_{p_{N}}^{ \dagger}\left(x_{N}\right)|0\rangle e_{p_{1}}\left(x_{1} \right) e_{p_{2}}\left(x_{2}\right) \ldots e_{p_{N}} \left(x_{N}\right) \end{array}	$\begin{array}{r}\varphi^{(-)}\left(x_1\right)\varphi^{(-)}\left(x_2\right)\ldots\varphi^{(-)}\left(x_N\right)\|0\rangle= \\ \int\prod_i d\mu\left(p_i\right)c_{p_1}^\dagger\left(x_1\right)c_{p_2}^\dagger\left(x_2\right)\ldots c_{p_N}^\dagger\left(x_N\right)\|0\rangle e_{p_1}\left(x_1\right)e_{p_2}\left(x_2\right)\ldots e_{p_N}\left(x_N\right)\end{array}$	$\begin{array}{r}\varphi^{(-)}(x_1)\varphi^{(-)}(x_2)\ldots\varphi^{(-)}(x_N)\|0\rangle= \\ \int\prod_i d\mu(p_i)c_{p_1}^\dagger(x_1)c_{p_2}^\dagger(x_2)\ldots c_{p_N}^\dagger(x_N)\|0\rangle e_{p_1}(x_1)e_{p_2}(x_2)\ldots e_{p_N}(x_N)\end{array}$
cardona-qft-methods_EQ0607 (15)	253	1.000	\left[P_{\mu}, c_{p}^{\dagger}\right]=P_{\mu} c_{p}^{ \dagger}, \quad P_{\mu}|0\rangle=0	$\left[P_\mu,c_p^\dagger\right]=P_\mu c_p^\dagger,\quad P_\mu\|0\rangle=0$	$[P_\mu,c_p^\dagger]=P_\mu c_p^\dagger,\quad P_\mu\|0\rangle=0$
cardona-qft-methods_EQ0608 (16)	254	1.000	\mathcal{P}_{\mu} e_{p}=-p_{\mu} e_{p}	$\mathcal{P}_\mu e_p=-p_\mu e_p$	$\mathcal{P}_\mu e_p=-p_\mu e_p$
cardona-qft-methods_EQ0609 (17)	254	1.000	\Delta_{0}\left(\mathcal{P}_{\mu}\right)=\mathbb{I} \otimes \mathcal{P}_{\mu}+\mathcal{P}_{\mu} \otimes \mathbb{I}	$\Delta_0\left(\mathcal{P}_\mu\right)=\mathbb{I}\otimes\mathcal{P}_\mu+\mathcal{P}_\mu\otimes\mathbb{I}$	$\Delta_0(\mathcal{P}_\mu)=\mathbb{I}\otimes\mathcal{P}_\mu+\mathcal{P}_\mu\otimes\mathbb{I}$

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cardona-qft-methods_EQ0610 (18)	254	1.000	`\left(\mathbb{I} \otimes \mathbb{I} \otimes \mathbb{I} \ldots \mathbb{I} \otimes \Delta_{0}\right) \ldots \Delta_{0}\left(\mathcal{P}_{\mu}\right) e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}=-\sum_{i} p_{i j} e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}} .`	$\left(\mathbb{I} \otimes \mathbb{I} \otimes \mathbb{I} \ldots \mathbb{I} \otimes \Delta_{0}\right) \ldots \Delta_{0}\left(\mathcal{P}_{\mu}\right) e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}=-\sum_{i} p_{i j} e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}} .$	$\left(\mathbb{I} \otimes \mathbb{I} \otimes \mathbb{I} \ldots \mathbb{I} \otimes \Delta_{0}\right) \ldots \Delta_{0}\left(\mathcal{P}_{\mu}\right) e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}}=-\sum_{i} p_{i j} e_{p_{1}} \otimes e_{p_{2}} \otimes \ldots e_{p_{N}} .$
cardona-qft-methods_EQ0614 (22)	254	1.000	`d \mu\left(\Lambda^{-1} p_{i}\right)=d \mu\left(p_{i} \right)`	$d \mu\left(\Lambda^{-1} p_{i}\right)=d \mu\left(p_{i} \right)$	$d \mu\left(\Lambda^{-1} p_{i}\right)=d \mu\left(p_{i} \right)$
cardona-qft-methods_EQ0616 (24)	255	1.000	`\left(\alpha^{*} f\right)(p)=f(\alpha p)`	$\left(\alpha^{*} f\right)(p)=f(\alpha p)$	$\left(\alpha^{*} f\right)(p)=f(\alpha p)$
cardona-qft-methods_EQ0619 (27)	256	1.000	`U(a, \Lambda) \varphi^{2}\left((a, \Lambda)^{-1} x\right) U(a, \Lambda)^{-1}=\varphi^{2}(x) .`	$U(a, \Lambda) \varphi^{2}\left((a, \Lambda)^{-1} x\right) U(a, \Lambda)^{-1}=\varphi^{2}(x) .$	$U(a, \Lambda) \varphi^{2}\left((a, \Lambda)^{-1} x\right) U(a, \Lambda)^{-1}=\varphi^{2}(x) .$
cardona-qft-methods_EQ0620 (28)	256	1.000	`U(a, \Delta) \Psi\left((a, \Delta)^{-1} x\right) U(a, \Delta)^{-1}=\Psi`	$U(a, \Delta) \Psi\left((a, \Delta)^{-1} x\right) U(a, \Delta)^{-1}=\Psi$	$U(a, \Delta) \Psi\left((a, \Delta)^{-1} x\right) U(a, \Delta)^{-1}=\Psi$
cardona-qft-methods_EQ0622 (30)	257	1.000	`m_{\theta}(\gamma \otimes \delta)=\gamma(x) \delta(x), \quad \gamma, \delta \in \mathcal{A}_{0}\left(M^{(d+1)} \right) .`	$m_{\theta}(\gamma \otimes \delta)=\gamma(x) \delta(x), \quad \gamma, \delta \in \mathcal{A}_{0}\left(M^{(d+1)} \right) .$	$m_{\theta}(\gamma \otimes \delta)=\gamma(x) \delta(x), \quad \gamma, \delta \in \mathcal{A}_{0}\left(M^{(d+1)} \right) .$
cardona-qft-methods_EQ0625 (33)	257	1.000	`U_{\theta}(a, \Lambda) \varphi_{\theta}\left((a, \Lambda)^{-1} x\right) U_{\theta}(a, \Lambda)^{-1}=\varphi_{\theta}(x)`	$U_{\theta}(a, \Lambda) \varphi_{\theta}\left((a, \Lambda)^{-1} x\right) U_{\theta}(a, \Lambda)^{-1}=\varphi_{\theta}(x)$	$U_{\theta}(a, \Lambda) \varphi_{\theta}\left((a, \Lambda)^{-1} x\right) U_{\theta}(a, \Lambda)^{-1}=\varphi_{\theta}(x)$
cardona-qft-methods_EQ0626 (34)	257	1.000	`\varphi=\int d \mu(p)\left[a_{p}^{\dagger} e_{p}+a_{p} e_{-p}\right]=\varphi_{\theta}^{(-)}+\varphi_{ \theta}^{(+)}, \quad d \mu(p)=\frac{d^{d} p}{2\left|p_{0} \right|} .`	$\varphi=\int d \mu(p)\left[a_{p}^{\dagger} e_{p}+a_{p} e_{-p}\right]=\varphi_{\theta}^{(-)}+\varphi_{ \theta}^{(+)}, \quad d \mu(p)=\frac{d^{d} p}{2\left\|p_{0} \right\|} .$	$\varphi=\int d \mu(p)\left[a_{p}^{\dagger} e_{p}+a_{p} e_{-p}\right]=\varphi_{\theta}^{(-)}+\varphi_{ \theta}^{(+)}, \quad d \mu(p)=\frac{d^{d} p}{2\left\|p_{0} \right\|} .$
cardona-qft-methods_EQ0627 (35)	257	1.000	`a_{p}|0\rangle=0, \forall p .`	$a_{p}\|0\rangle=0, \forall p .$	$a_{p}\|0\rangle=0, \forall p .$
cardona-qft-methods_EQ0628 (36)	257	1.000	`U_{\theta}(a, \Lambda) a_{p}^{\dagger} U_{\theta}(a, \Lambda)^{-1}=a_{\Lambda p}^{\dagger}, \quad U_{ \theta}(a, \Lambda) a_{p} U_{\theta}(a, \Lambda)^{-1}=a_{ \Delta p}`	$U_{\theta}(a, \Lambda) a_{p}^{\dagger} U_{\theta}(a, \Lambda)^{-1}=a_{\Lambda p}^{\dagger}, \quad U_{\theta}(a, \Lambda) a_{p} U_{\theta}(a, \Lambda)^{-1}=a_{\Delta p}$	$U_{\theta}(a, \Lambda) a_{p}^{\dagger} U_{\theta}(a, \Lambda)^{-1}=a_{\Lambda p}^{\dagger}, \quad U_{\theta}(a, \Lambda) a_{p} U_{\theta}(a, \Lambda)^{-1}=a_{\Delta p}$
cardona-qft-methods_EQ0629 (37)	257	1.000	`U_{\theta}(a, \Lambda)|0\rangle=a_{\Lambda p}^{\dagger}|0 \rangle .`	$U_{\theta}(a, \Lambda)\|0\rangle=a_{\Lambda p}^{\dagger}\|0 \rangle .$	$U_{\theta}(a, \Lambda)\|0\rangle=a_{\Lambda p}^{\dagger}\|0 \rangle .$
cardona-qft-methods_EQ0630 (38)	258	1.000	`\int \prod_{i} d \mu\left(p_{i}\right) a_{p_{1}}^{ \dagger} a_{p_{2}}^{\dagger}|0\rangle e_{p_{1}} \otimes e_{p_{2}}`	$\int \prod_{i} d \mu\left(p_{i}\right) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e_{p_{1}} \otimes e_{p_{2}}$	$\int \prod_{i} d \mu\left(p_{i}\right) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e_{p_{1}} \otimes e_{p_{2}}$
cardona-qft-methods_EQ0631 (39)	258	1.000	`\Delta_{\theta}\left(P_{\mu}\right) e_{p_{1}} \otimes e_{p_{2}}=\left(\mathbb{I} \otimes P_{\mu}+P_{\mu} \otimes \mathbb{I}\right) e_{p_{1}} \otimes e_{p_{2}}=- \left(\sum_{i} p_{i \mu} e_{p_{1}} \otimes e_{p_{2}} \right) .`	$\Delta_{\theta}\left(P_{\mu}\right) e_{p_{1}} \otimes e_{p_{2}}=\left(\mathbb{I} \otimes P_{\mu}+P_{\mu} \otimes \mathbb{I}\right) e_{p_{1}} \otimes e_{p_{2}}=-\left(\sum_{i} p_{i \mu} e_{p_{1}} \otimes e_{p_{2}}\right) .$	$\Delta_{\theta}\left(P_{\mu}\right) e_{p_{1}} \otimes e_{p_{2}}=\left(\mathbb{I} \otimes P_{\mu}+P_{\mu} \otimes \mathbb{I}\right) e_{p_{1}} \otimes e_{p_{2}}=-\left(\sum_{i} p_{i \mu} e_{p_{1}} \otimes e_{p_{2}}\right) .$
cardona-qft-methods_EQ0632 (40)	258	1.000	`\left[P_{\mu}^{\theta}, a_{p}^{\dagger}\right]=P_{\mu} a_{p}^{\dagger}`	$\left[P_{\mu}^{\theta}, a_{p}^{\dagger}\right]=P_{\mu} a_{p}^{\dagger}$	$\left[P_{\mu}^{\theta}, a_{p}^{\dagger}\right]=P_{\mu} a_{p}^{\dagger}$
cardona-qft-methods_EQ0633 (41)	258	1.000	`\Delta_{\theta}(\Lambda) \triangleright e_{p_{1}} \otimes e_{p_{2}}=\mathcal{F}_{\theta}^{-1}(\Lambda \otimes \Lambda) \mathcal{F} e_{p_{1}} \otimes e_{p_{2}} .`	$\Delta_{\theta}(\Lambda) \triangleright e_{p_{1}} \otimes e_{p_{2}}=\mathcal{F}_{\theta}^{-1}(\Lambda \otimes \Lambda) \mathcal{F} e_{p_{1}} \otimes e_{p_{2}} .$	$\Delta_{\theta}(\Lambda) \triangleright e_{p_{1}} \otimes e_{p_{2}}=\mathcal{F}_{\theta}^{-1}(\Lambda \otimes \Lambda) \mathcal{F} e_{p_{1}} \otimes e_{p_{2}} .$
cardona-qft-methods_EQ0635 (42)	258	1.000	`a_{p}^{\dagger}=c_{p}^{\dagger} e^{\frac{i}{2} p \wedge P}`	$a_{p}^{\dagger}=c_{p}^{\dagger} e^{\frac{i}{2} p \wedge P}$	$a_{p}^{\dagger}=c_{p}^{\dagger} e^{\frac{i}{2} p \wedge P}$
cardona-qft-methods_EQ0636 (43)	258	1.000	`U_{\theta}(a, \Lambda)=U_{0}(a, \Lambda)=U(a, \Lambda) .`	$U_{\theta}(a, \Lambda)=U_{0}(a, \Lambda)=U(a, \Lambda) .$	$U_{\theta}(a, \Lambda)=U_{0}(a, \Lambda)=U(a, \Lambda) .$

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cardona-qft-methods_EQ0637 (44)	258	1.000	a_{p}=e^{-\frac{i}{2} p \wedge P} c_{p}=c_{p} e^{-\frac{i}{2} p \wedge P}	$a_p = e^{-\frac{i}{2}p\wedge P} c_p = c_p e^{-\frac{i}{2}p\wedge P}$	$a_p = e^{-\frac{i}{2}p\wedge P} c_p = c_p e^{-\frac{i}{2}p\wedge P},$
cardona-qft-methods_EQ0639 (46)	259	1.000	\begin{gathered} U(a, \Lambda) \varphi_{\theta} \left(x_{1}\right) \varphi_{\theta}\left(x_{2}\right) \ldots \varphi_{\theta}\left(x_{N}\right) U(a, \Lambda)^{-1}|0\rangle= \\ \varphi_{\theta}\left((a, \Lambda)\left(x_{1}\right)\right) \varphi_{\theta} \left((a, \Lambda)\left(x_{2}\right)\right) \ldots \varphi_{\theta}\left((a, \Lambda)\left(x_{N}\right) \right)|0\rangle \end{gathered}	$U(a, \Lambda) \varphi_{\theta} \left(x_{1}\right) \varphi_{\theta} \left(x_{2}\right) \ldots \varphi_{\theta} \left(x_{N}\right) U(a, \Lambda)^{-1}\|0\rangle = \varphi_{\theta}\left((a, \Lambda)\left(x_{1}\right)\right) \varphi_{\theta} \left((a, \Lambda)\left(x_{2}\right)\right) \ldots \varphi_{\theta}\left((a, \Lambda)\left(x_{N}\right) \right)\|0\rangle$	$U(a, \Lambda) \varphi_{\theta} \left(x_{1}\right) \varphi_{\theta} \left(x_{2}\right) \ldots \varphi_{\theta} \left(x_{N}\right) U(a, \Lambda)^{-1}\|0\rangle = \varphi_{\theta}\left((a, \Lambda)\left(x_{1}\right)\right) \varphi_{\theta} \left((a, \Lambda)\left(x_{2}\right)\right) \ldots \varphi_{\theta}\left((a, \Lambda)\left(x_{N}\right) \right)\|0\rangle$
cardona-qft-methods_EQ0640 (47)	259	1.000	\begin{gathered} \tau_{\theta}=\mathcal{F}_{\theta}^{-1} \tau_{0} \mathcal{F}, \\ \tau_{0} \alpha \otimes \beta:= \beta \otimes \alpha, \end{gathered}	$\tau_{\theta}=\mathcal{F}_{\theta}^{-1} \tau_{0} \mathcal{F}, \\ \tau_{0} \alpha \otimes \beta:= \beta \otimes \alpha,$	$\tau_{\theta}=\mathcal{F}_{\theta}^{-1} \tau_{0} \mathcal{F}, \\ \tau_{0} \alpha \otimes \beta:= \beta \otimes \alpha,$
cardona-qft-methods_EQ0641 (49)	259	1.000	\tau_{0}^{2}=\mathbb{I} \quad \tau_{\theta}^{2}= \mathbb{I} .	$\tau_{0}^{2}=\mathbb{I} \quad \tau_{\theta}^{2}= \mathbb{I} .$	$\tau_{0}^{2}=\mathbb{I} \quad \tau_{\theta}^{2}= \mathbb{I} .$
cardona-qft-methods_EQ0642 (50)	259	1.000	e_{p_{1}} \otimes S_{\theta} e_{p_{2}}=\frac{\mathbb{I} \pm \tau_{\theta}}{2} e_{p_{1}} \otimes e_{p_{2}}	$e_{p_{1}} \otimes S_{\theta} e_{p_{2}}=\frac{\mathbb{I} \pm \tau_{\theta}}{2} e_{p_{1}} \otimes e_{p_{2}}$	$e_{p_{1}} \otimes S_{\theta} e_{p_{2}}=\frac{\mathbb{I} \pm \tau_{\theta}}{2} e_{p_{1}} \otimes e_{p_{2}}$
cardona-qft-methods_EQ0644 (48)	259	1.000	\begin{gathered} \int \prod_{i}^{2} d \mu\left(p_{i} \right) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}|0\rangle e_{p_{1}} \otimes S_{\theta} e_{\Lambda p_{2}} \\ =\int \prod_{i}^{2} d \mu\left(p_{i}\right) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}|0\rangle e^{i p_{2} \wedge p_{1}} e_{\Lambda p_{2}} \otimes S_{\theta} e_{\Lambda p_{1}} \end{gathered}	$\int \prod_{i}^{2} d \mu\left(p_{i}\right) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e_{p_{1}} \otimes S_{\theta} e_{\Lambda p_{2}} \\ =\int \prod_{i}^{2} d \mu\left(p_{i}\right) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e^{i p_{2} \wedge p_{1}} e_{\Lambda p_{2}} \otimes S_{\theta} e_{\Lambda p_{1}}$	$\int \prod_{i}^{2} d \mu(p_{i}) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e_{p_{1}} \otimes S_{\theta} e_{\Lambda p_{2}} \\ =\int \prod_{i}^{2} d \mu(p_{i}) a_{p_{1}}^{\dagger} a_{p_{2}}^{\dagger}\|0\rangle e^{i p_{2} \wedge p_{1}} e_{\Lambda p_{2}} \otimes S_{\theta} e_{\Lambda p_{1}}$
cardona-qft-methods_EQ0645 (52)	260	1.000	=\int \prod_{i}^{2} d \mu\left(p_{i}\right)\left(\exp ^{i p_{1} \wedge p_{2}} a_{p_{2}}^{\dagger} a_{p_{1}}^{\dagger} \right)|0\rangle e^{i p_{1} \wedge p_{2}} e_{\Lambda p_{1}} \otimes S_{\theta} e_{\Lambda p_{2}} .	$=\int \prod_{i}^{2} d \mu\left(p_{i}\right)\left(\exp^{i p_{1} \wedge p_{2}} a_{p_{2}}^{\dagger} a_{p_{1}}^{\dagger} \right)\|0\rangle e^{i p_{1} \wedge p_{2}} e_{\Lambda p_{1}} \otimes S_{\theta} e_{\Lambda p_{2}} .$	$=\int \prod_{i}^{2} d \mu(p_{i})(\exp^{i p_{1} \wedge p_{2}} a_{p_{2}}^{\dagger} a_{p_{1}}^{\dagger})\|0\rangle e^{i p_{1} \wedge p_{2}} e_{\Lambda p_{1}} \otimes S_{\theta} e_{\Lambda p_{2}} .$
cardona-qft-methods_EQ0647 (54)	260	1.000	\tau_{\theta}^{i j}=\mathcal{F}_{\theta}^{-1} \tau_{0}^{i j} \mathcal{F}=\mathcal{F}_{\theta}^{-2} \tau_{0}^{i j},	$\tau_{\theta}^{i j}=\mathcal{F}_{\theta}^{-1} \tau_{0}^{i j} \mathcal{F}=\mathcal{F}_{\theta}^{-2} \tau_{0}^{i j},$	$\tau_{\theta}^{i j}=\mathcal{F}_{\theta}^{-1} \tau_{0}^{i j} \mathcal{F}=\mathcal{F}_{\theta}^{-2} \tau_{0}^{i j},$
cardona-qft-methods_EQ0648 (55)	260	1.000	\left(\tau_{0}^{i j}\right)^{2}=\mathbb{I}	$\left(\tau_{0}^{i j}\right)^{2}=\mathbb{I}$	$(\tau_{0}^{i j})^{2}=\mathbb{I}$
cardona-qft-methods_EQ0649 (56)	260	1.000	\tau_{\theta}^{i, i+1} \tau_{\theta}^{i+1, i+2} \tau_{\theta}^{i, i+1}=\tau_{\theta}^{i+1, i+2} \tau_{ \theta}^{i, i+1} \tau_{\theta}^{i+1, i+2}	$\tau_{\theta}^{i, i+1} \tau_{\theta}^{i+1, i+2} \tau_{\theta}^{i, i+1}=\tau_{\theta}^{i+1, i+2} \tau_{\theta}^{i, i+1} \tau_{\theta}^{i+1, i+2}$	$\tau_{\theta}^{i, i+1} \tau_{\theta}^{i+1, i+2} \tau_{\theta}^{i, i+1}=\tau_{\theta}^{i+1, i+2} \tau_{\theta}^{i, i+1} \tau_{\theta}^{i+1, i+2}$
cardona-qft-methods_EQ0651 (58)	260	1.000	\varphi_{\theta}^{*}=\varphi_{0}^{*} e-\frac{i}{2} \overleftarrow{\partial} \wedge P	$\varphi_{\theta}^{*}=\varphi_{0}^{*} e-\frac{i}{2} \overleftarrow{\partial} \wedge P$	$\varphi_{\theta}^{*}=\varphi_{0}^{*} e-\frac{i}{2} \overleftarrow{\partial} \wedge P.$
cardona-qft-methods_EQ0653 (3)	261	1.000	\tau_{\theta}\left|x_{1}, x_{2}\right\rangle=- \left|x_{1}, x_{2}\right\rangle .	$\tau_{\theta}\left\|x_{1}, x_{2}\right\rangle=-\left\|x_{1}, x_{2}\right\rangle .$	$\tau_{\theta}\|x_{1}, x_{2}\rangle=-\|x_{1}, x_{2}\rangle.$
cardona-qft-methods_EQ0656 (6)	262	1.000	\left\langle\left[0 \mid \rho_{\theta}(x), \eta_{ \theta}(y)\right] \mid 0\right\rangle=0 .	$\left\langle\left[0 \mid \rho_{\theta}(x), \eta_{\theta}(y)\right] \mid 0\right\rangle=0 .$	$\left\langle\left[0\|\rho_{\theta}(x), \eta_{\theta}(y)\right]\|0\right\rangle=0.$

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cardona-qft-methods_ EQ0657 (7)	262	■1.000	`\omega_{\beta}\left(\rho_{\theta}(x) \eta_{\theta}(y) \right)=\frac{\operatorname{Tr}\left[e^{-\beta H} \rho_{ \theta}(x) \eta_{\theta}(y)\right]}{\operatorname{Tr} e^{-\beta H}},`	$\omega_\beta\left(\rho_\theta(x) \eta_\theta(y)\right)=\frac{\operatorname{Tr}\left[e^{-\beta H} \rho_{ \theta}(x) \eta_{\theta}(y)\right]}{\operatorname{Tr} e^{-\beta H}},$	$\omega_\beta(\rho_\theta(x)\eta_\theta(y))=\frac{Tr\left[e^{-\beta H}\rho_\theta(x)\eta_\theta(y)\right]}{Tre^{-\beta H}},$
cardona-qft-methods_ EQ0658 (8)	262	■1.000	`d s^{2}=d t^{2}-a(t)^{2}\left[d r^{2}+r^{2} d \Omega^{2} \right]`	$ds^2=dt^2-a(t)^2\left[dr^2+r^2 d\Omega^2\right]$	$ds^2=dt^2-a(t)^2\left[dr^2+r^2d\Omega^2\right]$
cardona-qft-methods_ EQ0662 (13)	263	■1.000	`U(\Lambda) S^{(2)} U^{-1}(\Lambda)=\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y\left(\theta\left(x_{0}-y_{0}\right) \left[H_{I}(x), H_{I}(y)\right]+H_{I}(y) H_{I}(x)\right)`	$U(\Lambda) S^{(2)} U^{-1}(\Lambda)=\frac{-i^{2}}{2!} \int d_{x}^{4} d^{4} y\left(\theta\left(x_{0}-y_{0}\right) \left[H_{I}(x), H_{I}(y)\right]+H_{I}(y) H_{I}(x)\right)$	$U(\Lambda)S^{(2)}U^{-1}(\Lambda)=\frac{-i^2}{2!}\int d_x^4d^4y\left(\theta(x_0-y_0)[H_I(x),H_I(y)]+H_I(y)H_I(x)\right)$
cardona-qft-methods_ EQ0663 (14)	263	■1.000	`\theta\left(x_{0}-y_{0}\right)\left[H_{I}(\Lambda x), H_{I}(\Lambda y)\right]=\theta\left((\Lambda x)_{0}-(\Lambda y)_{0}\right)\left[H_{I}(\Lambda x), H_{I}(\Lambda y)\right]`	$\theta\left(x_{0}-y_{0}\right)\left[H_{I}(\Lambda x), H_{I}(\Lambda y)\right]=\theta\left((\Lambda x)_{0}-(\Lambda y)_{0}\right)\left[H_{I}(\Lambda x), H_{I}(\Lambda y)\right]$	$\theta(x_0-y_0)[H_I(\Lambda x),H_I(\Lambda y)]=\theta((\Lambda x)_0-(\Lambda y)_0)[H_I(\Lambda x),H_I(\Lambda y)]$
cardona-qft-methods_ EQ0665 (16)	263	■1.000	`\left[H_{I}(\Lambda x), H_{I}(\Lambda y)\right]=0, \quad x \sim y,`	$\left[H_{I}(\Lambda x), H_{I}(\Lambda y)\right]=0, \quad x \sim y,$	$[H_I(\Lambda x),H_I(\Lambda y)]=0,\quad x\sim y,$
cardona-qft-methods_ EQ0666 (17)	263	■1.000	`\theta_{0 i}\left(\vec{P}_{i n c}\right)_{i}`	$\theta_{0 i}\left(\vec{P}_{i n c}\right)_{i}$	$\theta_{0i}\left(\vec{P}_{inc}\right)_i$
cardona-qft-methods_ EQ0667 (18)	263	■1.000	`\theta_{0 i}\left(\vec{P}_{i n c}\right)_{i}=0`	$\theta_{0 i}\left(\vec{P}_{i n c}\right)_{i}=0$	$\theta_{0i}\left(\vec{P}_{inc}\right)_i=0$
cardona-qft-methods_ EQ0668 (19)	264	■1.000	`\frac{\Delta T(\widehat{n})}{T}=\sum_{l m} a_{l m} Y_{l m}(\widehat{n}) .`	$\frac{\Delta T(\widehat{n})}{T}=\sum_{l m} a_{l m} Y_{l m}(\widehat{n}) .$	$\frac{\Delta T(\widehat{n})}{T}=\sum_{lm}a_{lm}Y_{lm}(\widehat{n}).$
cardona-qft-methods_ EQ0669 (20)	264	■1.000	`a_{l m}=4 \pi(-i)^{l} \int \frac{d^{3} k}{(2 \pi)^{3}} \Phi(k) \Delta_{l}^{T}(k) Y_{l m}^{*}(\widehat{k})`	$a_{l m}=4 \pi(-i)^{l} \int \frac{d^{3} k}{(2 \pi)^{3}} \Phi(k) \Delta_{l}^{T}(k) Y_{l m}^{*}(\widehat{k})$	$a_{lm}=4\pi(-i)^l\int\frac{d^3k}{(2\pi)^3}\Phi(k)\Delta_l^T(k)Y_{lm}^*(\widehat{k})$
cardona-qft-methods_ EQ0671 (21)	264	■1.000	`P_{\Phi}=\left.\frac{8 \pi G H^{2}}{9 \varepsilon k^{3}} \right|_{a H=k}`	$P_{\Phi}=\left.\frac{8 \pi G H^{2}}{9 \varepsilon k^{3}} \right\|_{a H=k}$	$P_\Phi=\frac{8\pi GH^2}{9\varepsilon k^3}\|_{aH=k}$
cardona-qft-methods_ EQ0672 (22)	264	■1.000	`\varphi(\alpha, x)=\left(\frac{\alpha}{3}\right)^{ \frac{3}{2}} \int d^{3} x^{\prime} \varphi_{\theta}(x) \exp ^{-\alpha\left(x^{\prime}-x\right)^{2}}`	$\varphi(\alpha, x)=\left(\frac{\alpha}{3}\right)^{\frac{3}{2}} \int d^{3} x^{\prime} \varphi_{\theta}(x) \exp ^{-\alpha\left(x^{\prime}-x\right)^{2}}$	$\varphi(\alpha,x)=\left(\frac{\alpha}{3}\right)^{\frac{3}{2}}\int d^3x'\varphi_\theta(x)\exp^{-\alpha(x'-x)^2},$
cardona-qft-methods_ EQ0673 (23)	264	■1.000	`\Delta \varphi_{\theta}\left(\alpha, x_{1}\right) \Delta \varphi_{\theta}\left(\alpha, x_{2}\right) \geq\langle 0| \varphi_{\theta}\left(\alpha, x_{1}\right), \varphi_{ \theta}\left(\alpha, x_{2}\right)|0\rangle`	$\Delta \varphi_{\theta}\left(\alpha, x_{1}\right) \Delta \varphi_{\theta}\left(\alpha, x_{2}\right) \geq\langle 0\| \varphi_{\theta}\left(\alpha, x_{1}\right), \varphi_{\theta}\left(\alpha, x_{2}\right)\|0\rangle$	$\Delta\varphi_\theta(\alpha,x_1)\Delta\varphi_\theta(\alpha,x_2)\geq\langle 0\|\varphi_\theta(\alpha,x_1),\varphi_\theta(\alpha,x_2)\|0\rangle$
cardona-qft-methods_ EQ0675 (1)	268	■1.000	`\vec{S}=\frac{1}{2} \vec{\sigma},`	$\vec{S}=\frac{1}{2} \vec{\sigma},$	$\vec{S}=\frac{1}{2}\vec{\sigma},$
cardona-qft-methods_ EQ0676 (2)	268	■1.000	`\sigma^{1}=\left(\begin{array}{cc} 0 & +1 \\ +1 & 0 \end{array}\right), \quad \sigma^{2}=\left( \begin{array}{cc} 0 & -i \\ +i & 0 \end{array}\right), \quad \sigma^{3}=\left(\begin{array}{cc} +1 & 0 \\ 0 & -1 \end{array}\right) .`	$\sigma^{1}=\left(\begin{array}{cc} 0 & +1 \\ +1 & 0 \end{array}\right), \quad \sigma^{2}=\left(\begin{array}{cc} 0 & -i \\ +i & 0 \end{array}\right), \quad \sigma^{3}=\left(\begin{array}{cc} +1 & 0 \\ 0 & -1 \end{array}\right) .$	$\sigma^1=\begin{pmatrix}0 & +1\\ +1 & 0\end{pmatrix},\quad \sigma^2=\begin{pmatrix}0 & -i\\ +i & 0\end{pmatrix},\quad \sigma^3=\begin{pmatrix}+1 & 0\\ 0 & -1\end{pmatrix}.$
cardona-qft-methods_ EQ0677	268	■1.000	`\left[\sigma^{i}, \sigma^{j}\right]=2 i \epsilon^{i j k} \sigma^{k}`	$\left[\sigma^{i}, \sigma^{j}\right]=2 i \epsilon^{i j k} \sigma^{k}$	$[\sigma^i,\sigma^j]=2i\epsilon^{ijk}\sigma^k,$
cardona-qft-methods_ EQ0679 (4)	269	■1.000	`s=0, \frac{1}{2}, 1, \frac{3}{2}, \ldots,`	$s=0, \frac{1}{2}, 1, \frac{3}{2}, \ldots,$	$s=0,\frac{1}{2},1,\frac{3}{2},\ldots,$

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cardona-qft-methods_EQ0680 (5)	269	1.000	`\vec{S} \cdot \mid \text { state }\rangle=0,`	$\vec{S} \cdot \mid \text{ state } \rangle = 0,$	$\vec{S} \cdot \lvert\text{state}\rangle = 0\,,$
cardona-qft-methods_EQ0682 (6)	269	1.000	`S^{ \pm}=S^{1} \pm i S^{2}`	$S^{\pm} = S^{1} \pm i S^{2}$	$S^{\pm} = S^{1} \pm i S^{2}\,.$
cardona-qft-methods_EQ0683	269	1.000	`\left[S^{3}, S^{ \pm}\right]= \pm S^{ \pm}, \quad \left[S^{+}, S^{-}\right]=2 S^{3}`	$\left[S^{3}, S^{\pm}\right] = \pm S^{\pm}, \quad \left[S^{+}, S^{-}\right] = 2 S^{3}$	$\left[S^{3}, S^{\pm}\right] = \pm S^{\pm}, \qquad \left[S^{+}, S^{-}\right] = 2 S^{3}\,.$
cardona-qft-methods_EQ0685	269	1.000	`|\uparrow\rangle=\binom{1}{0}, \quad|\downarrow\rangle= \binom{0}{1} .`	$\mid \uparrow\rangle = \binom{1}{0}, \quad \mid \downarrow\rangle = \binom{0}{1}.$	$\mid \uparrow\rangle = \binom{1}{0}, \qquad \mid \downarrow\rangle = \binom{0}{1}\,.$
cardona-qft-methods_EQ0686	269	1.000	`S^{3}|\uparrow\rangle=+\frac{1}{2}|\uparrow\rangle, \quad S^{3}|\downarrow\rangle=-\frac{1}{2}|\downarrow\rangle,`	$S^{3}\mid \uparrow\rangle = +\frac{1}{2}\mid \uparrow\rangle, \quad S^{3}\mid \downarrow\rangle = -\frac{1}{2}\mid \downarrow\rangle,$	$S^{3}\mid \uparrow\rangle = +\frac{1}{2}\mid \uparrow\rangle, \qquad S^{3}\mid \downarrow\rangle = -\frac{1}{2}\mid \downarrow\rangle\,,$
cardona-qft-methods_EQ0688 (7)	270	1.000	`\mathcal{H}=\mathbb{C}^{2} \otimes \cdots \otimes \mathbb{C}^{2}=\left(\mathbb{C}^{2}\right)^{\otimes L}`	$\mathcal{H} = \mathbb{C}^{2} \otimes \cdots \otimes \mathbb{C}^{2} = \left(\mathbb{C}^{2}\right)^{\otimes L}$	$\mathcal{H} = \mathbb{C}^{2} \otimes \cdots \otimes \mathbb{C}^{2} = \left(\mathbb{C}^{2}\right)^{\otimes L}$
cardona-qft-methods_EQ0689	270	1.000	`|\uparrow \uparrow \cdots \downarrow \uparrow\rangle= \binom{1}{0} \otimes\binom{1}{0} \otimes \cdots \otimes \binom{0}{1} \otimes\binom{1}{0} .`	$\mid \uparrow\uparrow \cdots \downarrow\uparrow\rangle = \binom{1}{0} \otimes \binom{1}{0} \otimes \cdots \otimes \binom{0}{1} \otimes \binom{1}{0}.$	$\lvert\uparrow\uparrow \cdots \downarrow\uparrow\rangle = \binom{1}{0} \otimes \binom{1}{0} \otimes \cdots \otimes \binom{0}{1} \otimes \binom{1}{0}\,.$
cardona-qft-methods_EQ0690	270	1.000	`\frac{1}{2} \otimes \frac{1}{2}=1 \oplus 0 .`	$\frac{1}{2} \otimes \frac{1}{2} = 1 \oplus 0.$	$\frac{1}{2} \otimes \frac{1}{2} = 1 \oplus 0\,.$
cardona-qft-methods_EQ0691	270	1.000	`\left\{|\uparrow \uparrow\rangle, \frac{1}{\sqrt{2}} \left(|\uparrow \downarrow\rangle+|\downarrow \uparrow \rangle,|\downarrow \downarrow\rangle, \frac{1}{ \sqrt{2}}(|\uparrow \downarrow\rangle-|\downarrow \uparrow\rangle\} .\right.\right.`	$\left\{\mid \uparrow\uparrow\rangle, \frac{1}{\sqrt{2}}\left(\mid \uparrow\downarrow\rangle+\mid \downarrow\uparrow\rangle, \mid \downarrow\downarrow\rangle, \frac{1}{\sqrt{2}}(\mid \uparrow\downarrow\rangle-\mid \downarrow\uparrow\rangle\right\}.$	$\left\{\lvert\uparrow\uparrow\rangle, \frac{1}{\sqrt{2}}(\lvert\uparrow\downarrow\rangle+\lvert\downarrow\uparrow\rangle, \lvert\downarrow\downarrow\rangle, \frac{1}{\sqrt{2}}(\lvert\uparrow\downarrow\rangle-\lvert\downarrow\uparrow\rangle\right\}\,.$
cardona-qft-methods_EQ0692 (8)	270	1.000	`\hat{H}=4 \sum_{l=1}^{L}\left(\frac{1}{4}-\vec{S}_{l} \cdot \vec{S}_{l+1}\right),`	$\hat{H} = 4 \sum_{l=1}^{L}\left(\frac{1}{4}-\vec{S}_{l} \cdot \vec{S}_{l+1}\right),$	$\hat{H} = 4 \sum_{l=1}^{L}\left(\frac{1}{4}-\vec{S}_{l} \cdot \vec{S}_{l+1}\right)\,,$
cardona-qft-methods_EQ0693	270	1.000	`\vec{S}_{L+1}=\vec{S}_{1} .`	$\vec{S}_{L+1} = \vec{S}_{1}.$	$\vec{S}_{L+1} = \vec{S}_{1}\,.$
cardona-qft-methods_EQ0694 (9)	271	1.000	`\hat{H}|\psi\rangle=E|\psi\rangle, \quad|\psi\rangle \in \left(\mathbb{C}^{2}\right)^{\otimes L},`	$\hat{H}\mid \psi\rangle = E\mid \psi\rangle, \quad \mid \psi\rangle \in \left(\mathbb{C}^{2}\right)^{\otimes L},$	$\hat{H}\lvert\psi\rangle = E\lvert\psi\rangle, \qquad \lvert\psi\rangle \in \left(\mathbb{C}^{2}\right)^{\otimes L},$
cardona-qft-methods_EQ0696	271	1.000	`\mathbb{P}_{l, l+1}=\left(\begin{array}{cccc} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{array}\right),`	$\mathbb{P}_{l, l+1} = \left(\begin{array}{cccc} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{array}\right),$	$\mathbb{P}_{l, l+1} = \left(\begin{array}{cccc} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{array}\right),$
cardona-qft-methods_EQ0700	272	1.000	`\hat{U}=\mathbb{P}_{1,2} \cdots \mathbb{P}_{L-1, L} .`	$\hat{U} = \mathbb{P}_{1,2} \cdots \mathbb{P}_{L-1, L}.$	$\hat{U} = \mathbb{P}_{1,2} \cdots \mathbb{P}_{L-1, L}\,.$
cardona-qft-methods_EQ0701 (11)	272	1.000	`\hat{U}^{L}=\mathbb{I} .`	$\hat{U}^{L} = \mathbb{I}.$	$\hat{U}^{L} = \mathbb{I}\,.$
cardona-qft-methods_EQ0702 (12)	272	1.000	`U=e^{2 \pi i n / L},`	$U = e^{2 \pi i n / L},$	$U = e^{2 \pi i n / L},$
cardona-qft-methods_EQ0703 (13)	272	1.000	`\left(\frac{u_{k}+\frac{i}{2}}{u_{k}-\frac{i}{2}}\right)^{L}=\prod_{j \neq k}^{M} \frac{u_{k}-u_{j}+i}{u_{k}-u_{j}-i}, \quad k=1, \ldots, M`	$\left(\frac{u_{k}+\frac{i}{2}}{u_{k}-\frac{i}{2}}\right)^{L} = \prod_{j \neq k}^{M} \frac{u_{k}-u_{j}+i}{u_{k}-u_{j}-i}, \quad k=1, \ldots, M$	$\left(\frac{u_{k}+\frac{i}{2}}{u_{k}-\frac{i}{2}}\right)^{L} = \prod_{j \neq k}^{M} \frac{u_{k}-u_{j}+i}{u_{k}-u_{j}-i}, \qquad k=1, \ldots, M\,.$

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cardona-qft-methods_EQ0704	272	■1.000	`E=2 \sum_{k=1}^{M} \frac{1}{u_{k}^{2}+\frac{1}{4}}, \quad U=\prod_{k=1}^{M} \frac{u_{k}+\frac{i}{2}}{u_{k}-\frac{i}{2}} .`	$E=2\sum_{k=1}^{M}\frac{1}{u_k^2+\frac{1}{4}}, \quad U=\prod_{k=1}^{M}\frac{u_k+\frac{i}{2}}{u_k-\frac{i}{2}}.$	$E=2\sum_{k=1}^{M}\frac{1}{u_k^2+\frac{1}{4}}, \qquad U=\prod_{k=1}^{M}\frac{u_k+\frac{i}{2}}{u_k-\frac{i}{2}}.$
cardona-qft-methods_EQ0705 (1)	272	■1.000	`|\psi\rangle=\sum_{1 \leq l_{1}<\cdots<l_{M} \leq L} \psi \left(l_{1}, \ldots, l_{M}\right) S_{l_{1}}^{-} \cdots S_{l_{M}}^{-}|0\rangle,`	$\|\psi\rangle=\sum_{1\leq l_1<\cdots<l_M\leq L}\psi\left(l_1,\ldots,l_M\right)S_{l_1}^{-}\cdots S_{l_M}^{-}\|0\rangle,$	$\mid\psi\rangle=\sum_{1\leq l_1<\cdots<l_M\leq L}\psi(l_1,\ldots,l_M)S_{l_1}^{-}\cdots S_{l_M}^{-}\mid 0\rangle,$
cardona-qft-methods_EQ0706 (2)	273	■1.000	`\psi\left(l_{1}, \ldots, l_{M}\right)=\sum_{\tau \in S_{n}} A(\tau) e^{i p_{\tau_{1}} l_{1}+\cdots+i p_{ \tau_{M}} l_{M}}`	$\psi\left(l_1,\ldots,l_M\right)=\sum_{\tau\in S_n}A(\tau)e^{ip_{\tau_1}l_1+\cdots+ip_{\tau_M}l_M}$	$\psi(l_1,\ldots,l_M)=\sum_{\tau\in S_n}A(\tau)e^{ip_{\tau_1}l_1+\cdots+ip_{\tau_M}l_M},$
cardona-qft-methods_EQ0707	273	■1.000	`A(\tau)=\operatorname{sgn}(\tau) \prod_{j<k}\left(e^{i p_{k}+i p_{j}}-2 e^{i p_{k}}+1\right),`	$A(\tau)=\operatorname{sgn}(\tau)\prod_{j<k}\left(e^{ip_k+ip_j}-2e^{ip_k}+1\right),$	$A(\tau)=\operatorname{sgn}(\tau)\prod_{j<k}(e^{ip_k+ip_j}-2e^{ip_k}+1),$
cardona-qft-methods_EQ0708	273	■1.000	`E=\sum_{k=1}^{M} 8 \sin ^{2}\left(\frac{p_{k}}{2}\right) .`	$E=\sum_{k=1}^{M}8\sin^2\left(\frac{p_k}{2}\right).$	$E=\sum_{k=1}^{M}8\sin^2(\frac{p_k}{2}).$
cardona-qft-methods_EQ0710	273	■1.000	`S\left(p_{k}, p_{j}\right)=-\frac{e^{i p_{k}+i p_{j}}-2 e^{i p_{k}}+1}{e^{i p_{k}+i p_{j}}-2 e^{i p_{j}}+1} .`	$S\left(p_k,p_j\right)=-\frac{e^{ip_k+ip_j}-2e^{ip_k}+1}{e^{ip_k+ip_j}-2e^{ip_j}+1}.$	$S(p_k,p_j)=-\frac{e^{ip_k+ip_j}-2e^{ip_k}+1}{e^{ip_k+ip_j}-2e^{ip_j}+1}.$
cardona-qft-methods_EQ0711	273	■1.000	`e^{i p_{k}}=\frac{u_{k}+\frac{i}{2}}{u_{k}-\frac{i}{2}} \quad \Longleftrightarrow \quad \frac{1}{2} \cot \left(\frac{p_{k}}{2}\right)=u_{k},`	$e^{ip_k}=\frac{u_k+\frac{i}{2}}{u_k-\frac{i}{2}} \quad \Longleftrightarrow \quad \frac{1}{2}\cot\left(\frac{p_k}{2}\right)=u_k,$	$e^{ip_k}=\frac{u_k+\frac{i}{2}}{u_k-\frac{i}{2}} \qquad \Longleftrightarrow \qquad \frac{1}{2}\cot(\frac{p_k}{2})=u_k,$
cardona-qft-methods_EQ0713	274	■1.000	`R_{a, b}\left(u-u^{\prime}\right) R_{a, c}(u) R_{b, c}\left(u^{\prime}\right)=R_{b, c}\left(u^{\prime}\right) R_{a, c}(u) R_{a, b}\left(u-u^{\prime}\right)`	$R_{a,b}\left(u-u'\right)R_{a,c}(u)R_{b,c}\left(u'\right)=R_{b,c}\left(u'\right)R_{a,c}(u)R_{a,b}\left(u-u'\right)$	$R_{a,b}(u-u')R_{a,c}(u)R_{b,c}(u')=R_{b,c}(u')R_{a,c}(u)R_{a,b}(u-u')$
cardona-qft-methods_EQ0714	274	■1.000	`R_{a, b}\left(u-u^{\prime}\right)=`	$R_{a,b}\left(u-u'\right)=$	$R_{a,b}(u-u')=$
cardona-qft-methods_EQ0715	275	■1.000	`R_{a, b}\left(u-u^{\prime}\right) L_{a, l}(u) L_{b, l}\left(u^{\prime}\right)=L_{b, l}\left(u^{\prime}\right) L_{a, l}(u) R_{a, b}\left(u-u^{\prime}\right) .`	$R_{a,b}\left(u-u'\right)L_{a,l}(u)L_{b,l}\left(u'\right)=L_{b,l}\left(u'\right)L_{a,l}(u)R_{a,b}\left(u-u'\right).$	$R_{a,b}(u-u')L_{a,l}(u)L_{b,l}(u')=L_{b,l}(u')L_{a,l}(u)R_{a,b}(u-u').$
cardona-qft-methods_EQ0719	276	■1.000	`\hat{T}(u) \hat{T}\left(u^{\prime}\right)=\hat{T}\left(u^{\prime}\right) \hat{T}(u)`	$\hat{T}(u)\hat{T}\left(u'\right)=\hat{T}\left(u'\right)\hat{T}(u)$	$\hat{T}(u)\hat{T}(u')=\hat{T}(u')\hat{T}(u)$
cardona-qft-methods_EQ0720	276	■1.000	`\left[\hat{T}(u), \hat{T}\left(u^{\prime}\right)\right]=0 .`	$\left[\hat{T}(u),\hat{T}\left(u'\right)\right]=0.$	$[\hat{T}(u),\hat{T}(u')]=0.$
cardona-qft-methods_EQ0721	276	■1.000	`\frac{1}{i^{L}} \hat{T}\left(\frac{i}{2}\right)=\operatorname{tr}_{a}\left(P_{a, L} \cdots P_{a, L-1} \cdots P_{a, 1}\right)=P_{12} P_{23} \cdots P_{L-1, L}=\hat{U}=e^{i \hat{P}}`	$\frac{1}{i^L}\hat{T}\left(\frac{i}{2}\right)=\operatorname{tr}_a\left(P_{a,L}\cdots P_{a,L-1}\cdots P_{a,1}\right)=P_{12}P_{23}\cdots P_{L-1,L}=\hat{U}=e^{i\hat{P}},$	$\frac{1}{i^L}\hat{T}(\frac{i}{2})=\operatorname{tr}_a(P_{a,L}\cdots P_{a,L-1}\cdots P_{a,1})=P_{12}P_{23}\cdots P_{L-1,L}=\hat{U}=e^{i\hat{P}},$
cardona-qft-methods_EQ0722	276	■1.000	`\left.i \hat{T}(u)^{-1} \frac{\mathrm{~d}}{\mathrm{~d} u} \hat{T}(u)\right|_{u=\frac{i}{2}}=\sum_{l=1}^{L} P_{l-1, l} .`	$i\hat{T}(u)^{-1}\frac{\mathrm{d}}{\mathrm{d}u}\hat{T}(u)\Big\|_{u=\frac{i}{2}}=\sum_{l=1}^{L}P_{l-1,l}.$	$i\hat{T}(u)^{-1}\frac{\mathrm{d}}{\mathrm{d}u}\hat{T}(u)\Big\|_{u=\frac{i}{2}}=\sum_{l=1}^{L}P_{l-1,l}.$
cardona-qft-methods_EQ0723	276	■1.000	`\hat{H}=2 \sum_{l=1}^{L}\left(1_{l, l+1}-P_{l, l+1} \right)=2 L-\left.2 i \frac{\mathrm{~d}}{\mathrm{~d} u} \log \hat{T}(u)\right|_{u=\frac{i}{2}} .`	$\hat{H}=2\sum_{l=1}^{L}\left(1_{l,l+1}-P_{l,l+1}\right)=2L-2i\frac{\mathrm{d}}{\mathrm{d}u}\log\hat{T}(u)\Big\|_{u=\frac{i}{2}}.$	$\hat{H}=2\sum_{l=1}^{L}(1_{l,l+1}-P_{l,l+1})=2L-2i\frac{\mathrm{d}}{\mathrm{d}u}\log\hat{T}(u)\Big\|_{u=\frac{i}{2}}.$

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cardona-qft-methods_EQ0724	276	■1.000	`\log \hat{T}(u)=\hat{Q}_{1}+\left(u-\frac{i}{2}\right) \hat{Q}_{2}+\left(u-\frac{i}{2}\right)^{2} \hat{Q}_{3}+ \left(u-\frac{i}{2}\right)^{3} \hat{Q}_{4}+\ldots,`	$\log \hat{T}(u)=\hat{Q}_{1}+\left(u-\frac{i}{2}\right) \hat{Q}_{2}+\left(u-\frac{i}{2}\right)^{2} \hat{Q}_{3}+\left(u-\frac{i}{2}\right)^{3} \hat{Q}_{4}+\ldots,$	$\log \hat{T}(u)=\hat{Q}_{1}+(u-\frac{i}{2})\hat{Q}_{2}+(u-\frac{i}{2})^{2}\hat{Q}_{3}+(u-\frac{i}{2})^{3}\hat{Q}_{4}+\ldots,$
cardona-qft-methods_EQ0725	276	■1.000	`\hat{Q}_{1} \propto \hat{P}, \quad \hat{Q}_{2} \propto \hat{H}-2 L .`	$\hat{Q}_{1} \propto \hat{P}, \quad \hat{Q}_{2} \propto \hat{H}-2 L .$	$\hat{Q}_{1} \propto \hat{P}, \quad \hat{Q}_{2} \propto \hat{H}-2 L .$
cardona-qft-methods_EQ0726	276	■1.000	`\left[\hat{Q}_{n}, \hat{Q}_{m}\right]=0`	$\left[\hat{Q}_{n}, \hat{Q}_{m}\right]=0$	$\left[\hat{Q}_{n}, \hat{Q}_{m}\right]=0$
cardona-qft-methods_EQ0727	277	■1.000	`\hat{T}(u)|\psi\rangle=T(u)|\psi\rangle .`	$\hat{T}(u)\|\psi\rangle=T(u)\|\psi\rangle .$	$\hat{T}(u)\|\psi\rangle=T(u)\|\psi\rangle .$
cardona-qft-methods_EQ0729	277	■1.000	`|\psi\rangle=\hat{B}\left(u_{1}\right) \cdots \hat{B} \left(u_{M}\right)|0\rangle`	$\|\psi\rangle=\hat{B}\left(u_{1}\right) \cdots \hat{B}\left(u_{M}\right)\|0\rangle$	$\|\psi\rangle=\hat{B}\left(u_{1}\right) \cdots \hat{B}\left(u_{M}\right)\|0\rangle$
cardona-qft-methods_EQ0731	277	■1.000	`T(u)=\left(u+\frac{i}{2}\right)^{L} \prod_{j=1}^{M} \frac{u-u_{j}-i}{u-u_{j}}+\left(u-\frac{i}{2}\right)^{L} \prod_{j=1}^{M} \frac{u-u_{j}+i}{u-u_{j}} .`	$T(u)=\left(u+\frac{i}{2}\right)^{L} \prod_{j=1}^{M} \frac{u-u_{j}-i}{u-u_{j}}+\left(u-\frac{i}{2}\right)^{L} \prod_{j=1}^{M} \frac{u-u_{j}+i}{u-u_{j}} .$	$T(u)=\left(u+\frac{i}{2}\right)^{L} \prod_{j=1}^{M} \frac{u-u_{j}-i}{u-u_{j}}+\left(u-\frac{i}{2}\right)^{L} \prod_{j=1}^{M} \frac{u-u_{j}+i}{u-u_{j}} .$
cardona-qft-methods_EQ0732	278	■1.000	`Q(u)=\prod_{j=1}^{M}\left(u-u_{j}\right) .`	$Q(u)=\prod_{j=1}^{M}\left(u-u_{j}\right) .$	$Q(u)=\prod_{j=1}^{M}\left(u-u_{j}\right) .$
cardona-qft-methods_EQ0733	278	■1.000	`T(u) Q(u)=\left(u+\frac{i}{2}\right)^{L} Q(u-i)+\left(u-\frac{i}{2}\right)^{L} Q(u+i) .`	$T(u) Q(u)=\left(u+\frac{i}{2}\right)^{L} Q(u-i)+\left(u-\frac{i}{2}\right)^{L} Q(u+i) .$	$T(u) Q(u)=\left(u+\frac{i}{2}\right)^{L} Q(u-i)+\left(u-\frac{i}{2}\right)^{L} Q(u+i) .$
cardona-qft-methods_EQ0737 (7)	281	■1.000	`\left[\mathcal{D}, P_{\mu}\right]=i P_{\mu} \quad, \quad \left[\mathcal{D}, K_{\mu}\right]=-i K_{\mu}`	$\left[\mathcal{D}, P_{\mu}\right]=i P_{\mu} \quad, \quad \left[\mathcal{D}, K_{\mu}\right]=-i K_{\mu}$	$\left[\mathcal{D}, P_{\mu}\right]=i P_{\mu} \quad, \quad \left[\mathcal{D}, K_{\mu}\right]=-i K_{\mu}$
cardona-qft-methods_EQ0738	281	■1.000	`L=\begin{array}{|c|c|} \hline S^{3} & S^{+} \\ \hline S^{-} & -S^{3} \\ \hline \end{array} .`	$L=\begin{array}{\|c\|c\|} \hline S^{3} & S^{+} \\ \hline S^{-} & -S^{3} \\ \hline \end{array} .$	$L=\begin{array}{\|c\|c\|} \hline S^{3} & S^{+} \\ \hline S^{-} & -S^{3} \\ \hline \end{array} .$
cardona-qft-methods_EQ0739 (9)	282	■1.000	`\begin{aligned} \left\{Q_{a \alpha}, \bar{Q}_{\dot{ \alpha}}^{b}\right\} & =\left(\sigma^{\mu}\right)_{ \alpha \dot{\alpha}} P_{\mu} \delta_{a}^{b} \\ {\left[ \mathcal{D}, Q_{a \alpha}\right] } & =\frac{i}{2} Q_{a \alpha} \end{aligned}`	$\begin{aligned} \left\{Q_{a \alpha}, \bar{Q}_{\dot{ \alpha}}^{b}\right\} & =\left(\sigma^{\mu}\right)_{ \alpha \dot{\alpha}} P_{\mu} \delta_{a}^{b} \\ {\left[\mathcal{D}, Q_{a \alpha}\right] } & =\frac{i}{2} Q_{a \alpha} \end{aligned}$	$\begin{aligned} \left\{Q_{a \alpha}, \bar{Q}_{\dot{ \alpha}}^{b}\right\} & =\left(\sigma^{\mu}\right)_{ \alpha \dot{\alpha}} P_{\mu} \delta_{a}^{b} \\ {\left[\mathcal{D}, Q_{a \alpha}\right] } & =\frac{i}{2} Q_{a \alpha} \end{aligned}$
cardona-qft-methods_EQ0741	282	■1.000	`\mathcal{O} \equiv \mathcal{O}_{(x)}=\operatorname{Tr} \left(Z X \bar{Z}(D Y)\left(D^{5} Y\right) \psi \left(D^{3} \psi\right) \bar{\psi} F\left(D^{7} \bar{F} \right)_{\ldots}\right)_{(x)} .`	$\mathcal{O} \equiv \mathcal{O}_{(x)}=\operatorname{Tr} \left(Z X \bar{Z}(D Y)\left(D^{5} Y\right) \psi \left(D^{3} \psi\right) \bar{\psi} F\left(D^{7} \bar{F} \right)_{\ldots}\right)_{(x)} .$	$\mathcal{O} \equiv \mathcal{O}_{(x)}=\operatorname{Tr} \left(Z X \bar{Z}(D Y)\left(D^{5} Y\right) \psi \left(D^{3} \psi\right) \bar{\psi} F\left(D^{7} \bar{F} \right)_{\ldots}\right)_{(x)} .$
cardona-qft-methods_EQ0742	282	■1.000	`[\mathcal{D}, \mathcal{O}]=i \Delta \mathcal{O},`	$[\mathcal{D}, \mathcal{O}]=i \Delta \mathcal{O},$	$[\mathcal{D}, \mathcal{O}]=i \Delta \mathcal{O},$
cardona-qft-methods_EQ0743	282	■1.000	`\gamma=g_{Y M}^{2} \underbrace{\gamma_{1}}_{1-\text { loop }}+g_{Y M}^{4} \underbrace{\gamma_{2}}_{2-\text { loop }}+\ldots`	$\gamma=g_{Y M}^{2} \underbrace{\gamma_{1}}_{1-\text { loop }}+g_{Y M}^{4} \underbrace{\gamma_{2}}_{2-\text { loop }}+\ldots$	$\gamma=g_{Y M}^{2} \underbrace{\gamma_{1}}_{1-\text { loop }}+g_{Y M}^{4} \underbrace{\gamma_{2}}_{2-\text { loop }}+\ldots$
cardona-qft-methods_EQ0746	283	■1.000	`\left\langle\left(\bar{Z}^{j}\right)(x)\left(Z^{j} \right)(y)\right\rangle=\frac{1}{(x-y)^{2 j}}`	$\left\langle\left(\bar{Z}^{j}\right)(x)\left(Z^{j}\right)(y)\right\rangle=\frac{1}{(x-y)^{2 j}}$	$\left\langle\left(\bar{Z}^{j}\right)(x)\left(Z^{j}\right)(y)\right\rangle=\frac{1}{(x-y)^{2 j}}$
cardona-qft-methods_EQ0750	284	■1.000	`\mathfrak{p s u}(2,2 \mid 4)=\begin{array}{|c|c|} \hline \mathfrak{u}(2,2) & \text { supercharges } \\ \hline \text { supercharges } & \mathfrak{u}(4) \\ \hline \end{array}`	$\mathfrak{p s u}(2,2 \mid 4)=\begin{array}{\|c\|c\|} \hline \mathfrak{u}(2,2) & \text { supercharges } \\ \hline \text { supercharges } & \mathfrak{u}(4) \\ \hline \end{array}$	$\mathfrak{p s u}(2,2 \mid 4)=\begin{array}{\|c\|c\|} \hline \mathfrak{u}(2,2) & \text { supercharges } \\ \hline \text { supercharges } & \mathfrak{u}(4) \\ \hline \end{array}$

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cardona-qft-methods_EQ0752 (1)	284	■1.000	`S=\frac{R^{2}}{\alpha^{\prime}} \int d \tau \frac{d \sigma}{2 \pi}\left(\frac{1}{2} \partial_{a} Z^{M} \partial^{a} Z_{M}+\frac{1}{2} \partial_{a} Y^{N} \partial^{a} Y_{N}\right)+\text { fermions }`	$S=\frac{R^{2}}{\alpha^{\prime}} \int d \tau \frac{d \sigma}{2 \pi}\left(\frac{1}{2} \partial_{a} Z^{M} \partial^{a} Z_{M}+\frac{1}{2} \partial_{a} Y^{N} \partial^{a} Y_{N}\right)+\text { fermions }$	$S=\frac{R^{2}}{\alpha^{\prime}} \int d \tau \frac{d \sigma}{2 \pi}\left(\frac{1}{2} \partial_{a} Z^{M} \partial^{a} Z_{M}+\frac{1}{2} \partial_{a} Y^{N} \partial^{a} Y_{N}\right)+\text { fermions }$,
cardona-qft-methods_EQ0753	285	■1.000	`\sqrt{\lambda}=\frac{R^{2}}{\alpha^{\prime}} \quad, \quad 4 \pi g_{\mathrm{s}}=\frac{\lambda}{N} .`	$\sqrt{\lambda}=\frac{R^{2}}{\alpha^{\prime}} \quad, \quad 4 \pi g_{\mathrm{s}}=\frac{\lambda}{N}$.	$\sqrt{\lambda}=\frac{R^{2}}{\alpha^{\prime}} \quad, \quad 4 \pi g_{\mathrm{s}}=\frac{\lambda}{N}$.
cardona-qft-methods_EQ0754	285	■1.000	`S_{S Y M}=\int \frac{N}{\lambda} \frac{d^{4} x}{4 \pi^{2}} \operatorname{Tr}\{\ldots\} \longleftrightarrow S_{\sigma-\text { model }}=\sqrt{\lambda} \int d \tau \frac{d \sigma}{2 \pi}\{\ldots\},`	$S_{SYM}=\int \frac{N}{\lambda} \frac{d^{4} x}{4 \pi^{2}} \operatorname{Tr}\{\ldots\} \longleftrightarrow S_{\sigma-\text { model }}=\sqrt{\lambda} \int d \tau \frac{d \sigma}{2 \pi}\{\ldots\},$	$S_{SYM}=\int \frac{N}{\lambda} \frac{d^{4} x}{4 \pi^{2}} Tr\{\ldots\} \longleftrightarrow S_{\sigma-model}=\sqrt{\lambda} \int d \tau \frac{d \sigma}{2 \pi}\{\ldots\}$,
cardona-qft-methods_EQ0755	285	■1.000	`Z_{4}+Z_{5}=\frac{R}{z}, \quad\left(Z_{0}, Z_{1}, Z_{2}, Z_{3}\right)=\frac{R}{z} x_{\mu}, \quad d s_{A d S_{5}}^{2}=\frac{R^{2}}{z^{2}}\left(d x^{\mu} d x_{ \mu}+d z^{2}\right) .`	$Z_{4}+Z_{5}=\frac{R}{z}, \quad\left(Z_{0}, Z_{1}, Z_{2}, Z_{3}\right)=\frac{R}{z} x_{\mu}, \quad d s_{A d S_{5}}^{2}=\frac{R^{2}}{z^{2}}\left(d x^{\mu} d x_{\mu}+d z^{2}\right)$.	$Z_{4}+Z_{5}=\frac{R}{z}, \quad\left(Z_{0}, Z_{1}, Z_{2}, Z_{3}\right)=\frac{R}{z} x_{\mu}, \quad d s_{A d S_{5}}^{2}=\frac{R^{2}}{z^{2}}\left(d x^{\mu} d x_{\mu}+d z^{2}\right)$.
cardona-qft-methods_EQ0756	286	■1.000	`Y_{1}+i Y_{2}=r_{1} e^{i \phi_{1}}, \quad Y_{3}+i Y_{4}=r_{2} e^{i \phi_{2}}, \quad Y_{5}+i Y_{6}=r_{3} e^{i \phi_{3}}`	$Y_{1}+i Y_{2}=r_{1} e^{i \phi_{1}}, \quad Y_{3}+i Y_{4}=r_{2} e^{i \phi_{2}}, \quad Y_{5}+i Y_{6}=r_{3} e^{i \phi_{3}}$	$Y_{1}+i Y_{2}=r_{1} e^{i \phi_{1}}, \quad Y_{3}+i Y_{4}=r_{2} e^{i \phi_{2}}, \quad Y_{5}+i Y_{6}=r_{3} e^{i \phi_{3}}$,
cardona-qft-methods_EQ0757	286	■1.000	`Z_{0}-i Z_{5}=\rho_{3} e^{i t}, \quad Z_{1}+i Z_{2}= \rho_{1} e^{i \alpha_{1}}, \quad Z Y_{3}+i Z_{4}=\rho_{2} e^{i \alpha_{2}}`	$Z_{0}-i Z_{5}=\rho_{3} e^{i t}, \quad Z_{1}+i Z_{2}=\rho_{1} e^{i \alpha_{1}}, \quad Z Y_{3}+i Z_{4}=\rho_{2} e^{i \alpha_{2}}$	$Z_{0}-i Z_{5}=\rho_{3} e^{i t}, \quad Z_{1}+i Z_{2}=\rho_{1} e^{i \alpha_{1}}, \quad Z Y_{3}+i Z_{4}=\rho_{2} e^{i \alpha_{2}}$.
cardona-qft-methods_EQ0760 (1)	292	■1.000	`S=-\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} \eta_{M N} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}`	$S=-\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} \eta_{M N} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}$	$S=-\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} \eta_{M N} \partial_{\alpha} X^{M} \partial_{\beta} X^{N}$,
cardona-qft-methods_EQ0761 (2)	292	■1.000	`T=\frac{1}{2 \pi \alpha^{\prime}}=\frac{1}{2 \pi l_{s}^{2}} .`	$T=\frac{1}{2 \pi \alpha^{\prime}}=\frac{1}{2 \pi l_{s}^{2}}$.	$T=\frac{1}{2 \pi \alpha^{\prime}}=\frac{1}{2 \pi l_{s}^{2}}$.
cardona-qft-methods_EQ0762 (3)	293	■1.000	`\left(\frac{\partial^{2}}{\partial \sigma^{2}}-\frac{ \partial^{2}}{\partial \tau^{2}}\right) X^{M}(\tau, \sigma)=0`	$\left(\frac{\partial^{2}}{\partial \sigma^{2}}-\frac{\partial^{2}}{\partial \tau^{2}}\right) X^{M}(\tau, \sigma)=0$	$\left(\frac{\partial^{2}}{\partial \sigma^{2}}-\frac{\partial^{2}}{\partial \tau^{2}}\right) X^{M}(\tau, \sigma)=0$.
cardona-qft-methods_EQ0763 (4)	293	■1.000	`\frac{\partial}{\partial \sigma^{+}} \frac{\partial}{ \partial \sigma^{-}} X^{M}(\tau, \sigma)=0`	$\frac{\partial}{\partial \sigma^{+}} \frac{\partial}{\partial \sigma^{-}} X^{M}(\tau, \sigma)=0$	$\frac{\partial}{\partial \sigma^{+}} \frac{\partial}{\partial \sigma^{-}} X^{M}(\tau, \sigma)=0$,
cardona-qft-methods_EQ0764 (5)	293	■1.000	`X^{M}(\tau, \sigma)=X_{R}^{M}\left(\sigma^{-} \right)+X_{L}^{M}\left(\sigma^{+}\right) .`	$X^{M}(\tau, \sigma)=X_{R}^{M}\left(\sigma^{-}\right)+X_{L}^{M}\left(\sigma^{+}\right)$.	$X^{M}(\tau, \sigma)=X_{R}^{M}(\sigma^{-})+X_{L}^{M}(\sigma^{+})$.
cardona-qft-methods_EQ0769 (10)	294	■1.000	`M^{2}=\frac{2}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\tilde{\alpha}_{n} \cdot \tilde{\alpha}_{-n}-2\right)`	$M^{2}=\frac{2}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\tilde{\alpha}_{n} \cdot \tilde{\alpha}_{-n}-2\right)$	$M^{2}=\frac{2}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\tilde{\alpha}_{n} \cdot \tilde{\alpha}_{-n}-2\right)$
cardona-qft-methods_EQ0770 (11)	294	■1.000	`\hat{L}_{0}=\frac{1}{2}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}-\tilde{\alpha}_{n} \cdot \tilde{\alpha}_{-n}\right)`	$\hat{L}_{0}=\frac{1}{2}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}-\tilde{\alpha}_{n} \cdot \tilde{\alpha}_{-n}\right)$	$\hat{L}_{0}=\frac{1}{2}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}-\tilde{\alpha}_{n} \cdot \tilde{\alpha}_{-n}\right)$
cardona-qft-methods_EQ0771 (12)	294	■1.000	`\left|\xi_{M N}\right\rangle \equiv \xi_{M} \tilde{ \xi}_{N} \alpha_{1}^{M} \tilde{\alpha}_{1}^{N}|0\rangle`	$\left\|\xi_{M N}\right\rangle \equiv \xi_{M} \tilde{\xi}_{N} \alpha_{1}^{M} \tilde{\alpha}_{1}^{N}\|0\rangle$	$\left\|\xi_{M N}\right\rangle \equiv \xi_{M} \tilde{\xi}_{N} \alpha_{1}^{M} \tilde{\alpha}_{1}^{N}\|0\rangle$
cardona-qft-methods_EQ0772 (13)	294	■1.000	`\xi_{M N}=\xi_{M N}^{s}+\xi_{t} \eta_{M N}+\xi_{M N}^{a}`	$\xi_{M N}=\xi_{M N}^{s}+\xi_{t} \eta_{M N}+\xi_{M N}^{a}$	$\xi_{M N}=\xi_{M N}^{s}+\xi_{t} \eta_{M N}+\xi_{M N}^{a}$,

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cardona-qft-methods_EQ0774 (15)	295	■1.000	S=-\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} G_{M N}(X) \partial_{\alpha} X^{M} \partial_{\beta} X^{N}	$S=-\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} G_{M N}(X) \partial_{\alpha} X^{M} \partial_{\beta} X^{N}$	$S=-\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{d} \tau \sqrt{\gamma} \gamma^{\alpha \beta} G_{M N}(X) \partial_{\alpha} X^{M} \partial_{\beta} X^{N}$,
cardona-qft-methods_EQ0776 (17)	295	■1.000	\begin{aligned} S= & -\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \left[\left(\gamma^{\alpha \beta} g_{M N}(X)+\mathrm{i} \epsilon^{\alpha \beta} B_{M N}(X)\right) \partial_{ \alpha} X^{M} \partial_{\beta} X^{N}\right. \\ & \left.+ \alpha^{\prime} \Phi R\right] \end{aligned}	$\begin{aligned} S= & -\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{~d} \tau \sqrt{\gamma} \left[\left(\gamma^{\alpha \beta} g_{M N}(X)+\mathrm{i} \epsilon^{\alpha \beta} B_{M N}(X)\right) \partial_{ \alpha} X^{M} \partial_{\beta} X^{N}\right. \\ & \left.+ \alpha^{\prime} \Phi R\right] \end{aligned}$	$\begin{aligned} S= & -\frac{1}{4 \pi \alpha^{\prime}} \int \mathrm{d} \sigma \mathrm{d} \tau \sqrt{\gamma} \left[\left(\gamma^{\alpha \beta} g_{M N}(X)+\mathrm{i} \epsilon^{\alpha \beta} B_{M N}(X)\right) \partial_{ \alpha} X^{M} \partial_{\beta} X^{N}\right. \\ & \left.+ \alpha^{\prime} \Phi R\right] \end{aligned}$. (
cardona-qft-methods_EQ0777 (18)	296	■1.000	\chi=\frac{1}{4 \pi} \int d^{2} \sigma(-\gamma)^{1 / 2} R .	$\chi=\frac{1}{4 \pi} \int d^{2} \sigma(-\gamma)^{1 / 2} R .$	$\chi=\frac{1}{4 \pi} \int d^{2} \sigma(-\gamma)^{1 / 2} R$.
cardona-qft-methods_EQ0782 (23)	298	■1.000	M^{2}=\frac{1}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}-1\right) .	$M^{2}=\frac{1}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}-1\right) .$	$M^{2}=\frac{1}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}-1\right)$.
cardona-qft-methods_EQ0783 (24)	298	■1.000	\left|\xi_{M}\right\rangle \equiv \xi_{M} \alpha_{1}^{M}|0\rangle	$\left\|\xi_{M}\right\rangle \equiv \xi_{M} \alpha_{1}^{M}\|0\rangle$	$\left\|\xi_{M}\right\rangle \equiv \xi_{M} \alpha_{1}^{M}\|0\rangle$
cardona-qft-methods_EQ0784 (25)	298	■1.000	\int_{\partial M} d \tau A_{M} \partial_{\tau} X^{M}	$\int_{\partial M} d \tau A_{M} \partial_{\tau} X^{M}$	$\int_{\partial M} d \tau A_{M} \partial_{\tau} X^{M}$
cardona-qft-methods_EQ0785 (26)	298	■1.000	\mathrm{S}=-\frac{1}{4} \int \mathrm{~d}^{D} X e^{-\Phi} F_{M N} F^{M N}+O\left(\alpha^{\prime}\right)	$\mathrm{S}=-\frac{1}{4} \int \mathrm{~d}^{D} X e^{-\Phi} F_{M N} F^{M N}+O\left(\alpha^{\prime}\right)$	$\mathrm{S}=-\frac{1}{4} \int \mathrm{d}^{D} X e^{-\Phi} F_{M N} F^{M N}+O(\alpha^{\prime})$,
cardona-qft-methods_EQ0786 (27)	299	■1.000	S=\frac{1}{4 \pi} \int_{M} \mathrm{~d}^{2} \sigma \eta_{M N}\left[\frac{1}{\alpha^{\prime}} \partial X^{M} \bar{ \partial} X^{N}+\Psi^{M} \bar{\partial} \Psi^{N}+\tilde{ \Psi}^{M} \bar{\partial} \tilde{\Psi}^{N}\right]	$S=\frac{1}{4 \pi} \int_{M} \mathrm{~d}^{2} \sigma \eta_{M N}\left[\frac{1}{\alpha^{\prime}} \partial X^{M} \bar{ \partial} X^{N}+\Psi^{M} \bar{\partial} \Psi^{N}+\tilde{ \Psi}^{M} \bar{\partial} \tilde{\Psi}^{N}\right]$	$S=\frac{1}{4 \pi} \int_{M} \mathrm{d}^{2} \sigma \eta_{M N}\left[\frac{1}{\alpha^{\prime}} \partial X^{M} \bar{ \partial} X^{N}+\Psi^{M} \bar{\partial} \Psi^{N}+\tilde{ \Psi}^{M} \bar{\partial} \tilde{\Psi}^{N}\right]$
cardona-qft-methods_EQ0788 (29)	299	■1.000	\left\{\psi_{r}^{M}, \psi_{s}^{N}\right\}=\left\{\tilde{ \psi}_{r}^{M}, \tilde{\psi}_{s}^{N}\right\}=\eta^{M N} \delta_{r+s} .	$\left\{\psi_{r}^{M}, \psi_{s}^{N}\right\}=\left\{\tilde{ \psi}_{r}^{M}, \tilde{\psi}_{s}^{N}\right\}=\eta^{M N} \delta_{r+s} .$	$\left\{\psi_{r}^{M}, \psi_{s}^{N}\right\}=\left\{\tilde{ \psi}_{r}^{M}, \tilde{\psi}_{s}^{N}\right\}=\eta^{M N} \delta_{r+s}$.
cardona-qft-methods_EQ0789 (30)	300	■1.000	M^{2}=\frac{1}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\sum_{r} r \psi_{r} \cdot \psi_{-r}-a+\text { same with tilde }\right),	$M^{2}=\frac{1}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\sum_{r} r \psi_{r} \cdot \psi_{-r}-a+\text { same with tilde }\right),$	$M^{2}=\frac{1}{\alpha^{\prime}}\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\sum_{r} r \psi_{r} \cdot \psi_{-r}-a+\text { same with tilde }\right)$,
cardona-qft-methods_EQ0790 (31)	300	■1.000	\tilde{L}_{0}=\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\sum_{r} r \psi_{r} \cdot \psi_{-r}-a-\text { same with tilde }\right) .	$\tilde{L}_{0}=\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\sum_{r} r \psi_{r} \cdot \psi_{-r}-a-\text { same with tilde }\right) .$	$\tilde{L}_{0}=\left(\sum_{n=1}^{\infty} \alpha_{n} \cdot \alpha_{-n}+\sum_{r} r \psi_{r} \cdot \psi_{-r}-a-\text { same with tilde }\right)$.
cardona-qft-methods_EQ0792 (33)	300	■1.000	R: \psi_{0}^{M}|0\rangle \rightarrow |s\rangle=\left| \pm \frac{1}{2}, \pm \frac{1}{2}, \pm \frac{1}{2}, \pm \frac{1}{2}\right\rangle	$R: \psi_{0}^{M}\|0\rangle \rightarrow \|s\rangle=\left\| \pm \frac{1}{2}, \pm \frac{1}{2}, \pm \frac{1}{2}, \pm \frac{1}{2}\right\rangle$	$R: \psi_{0}^{M}\|0\rangle \rightarrow \|s\rangle=\left\| \pm \frac{1}{2}, \pm \frac{1}{2}, \pm \frac{1}{2}, \pm \frac{1}{2}\right\rangle$
cardona-qft-methods_EQ0793 (34)	301	■1.000	N S: \psi_{1 / 2}^{M}|0\rangle,	$N S: \psi_{1 / 2}^{M}\|0\rangle,$	$N S: \psi_{1 / 2}^{M}\|0\rangle$,
cardona-qft-methods_EQ0797 (38)	302	■1.000	M^{2}=\frac{n^{2}}{R^{2}}+\frac{m^{2} R^{2}}{\alpha^{ \prime 2}}+\frac{2}{\alpha^{\prime}}(N+\tilde{N}-2)	$M^{2}=\frac{n^{2}}{R^{2}}+\frac{m^{2} R^{2}}{\alpha^{ \prime 2}}+\frac{2}{\alpha^{\prime}}(N+\tilde{N}-2)$	$M^{2}=\frac{n^{2}}{R^{2}}+\frac{m^{2} R^{2}}{\alpha^{ \prime 2}}+\frac{2}{\alpha^{\prime}}(N+\tilde{N}-2)$

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cardona-qft-methods_EQ0798 (39)	304	1.000	S_{D B I}=-T_{p} \int \mathrm{~d}^{p+1} \xi e^{-\Phi} \sqrt{\operatorname{det}\left(G_{a b}+B_{a b}+2 \pi \alpha^{\prime} F_{a b}\right)}	$S_{DBI}=-T_p \int \mathrm{~d}^{p+1} \xi e^{-\Phi} \sqrt{\operatorname{det}\left(G_{a b}+B_{a b}+2 \pi \alpha^{\prime} F_{a b}\right)}$	$S_{DBI}=-T_p \int \mathrm{~d}^{p+1} \xi e^{-\Phi} \sqrt{\operatorname{det}\left(G_{a b}+B_{a b}+2 \pi \alpha^{\prime} F_{a b}\right)}$
cardona-qft-methods_EQ0799 (40)	304	1.000	S_{C S}=\mathrm{i} T_{p} \int_{p+1} e^{2 \pi \alpha^{ \prime} F+B} \wedge C	$S_{CS}=\mathrm{i} T_p \int_{p+1} e^{2 \pi \alpha^{\prime} F+B} \wedge C$	$S_{CS}=\mathrm{i} T_p \int_{p+1} e^{2 \pi \alpha^{\prime} F+B} \wedge C$
cardona-qft-methods_EQ0800 (41)	304	1.000	G_{a b}(\xi)=\frac{\partial X^{M}}{\partial \xi^{a}} \frac{\partial X^{N}}{\partial \xi^{b}} G_{M N}(X)	$G_{ab}(\xi)=\frac{\partial X^M}{\partial \xi^a} \frac{\partial X^N}{\partial \xi^b} G_{MN}(X)$	$G_{ab}(\xi)=\frac{\partial X^M}{\partial \xi^a} \frac{\partial X^N}{\partial \xi^b} G_{MN}(X)$
cardona-qft-methods_EQ0801 (1)	305	1.000	\mathcal{G}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right) .	$\mathcal{G}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right) .$	$\mathcal{G}=\left(\begin{array}{ll} 0 & 1 \\ 1 & 0 \end{array}\right) .$
cardona-qft-methods_EQ0802 (2)	306	1.000	\mathcal{B}=\left(\begin{array}{ll} 0 & 0 \\ B & 0 \end{array}\right),	$\mathcal{B}=\left(\begin{array}{ll} 0 & 0 \\ B & 0 \end{array}\right),$	$\mathcal{B}=\left(\begin{array}{ll} 0 & 0 \\ B & 0 \end{array}\right),$
cardona-qft-methods_EQ0805 (5)	306	1.000	\Lambda_{(\alpha \beta)}+\Lambda_{(\beta \gamma)}+ \Lambda_{(\gamma \alpha)}=g_{(\alpha \beta \gamma)} \mathrm{d} g_{(\alpha \beta \gamma)}	$\Lambda_{(\alpha \beta)}+\Lambda_{(\beta \gamma)}+\Lambda_{(\gamma \alpha)}=g_{(\alpha \beta \gamma)} \mathrm{d} g_{(\alpha \beta \gamma)}$	$\Lambda_{(\alpha \beta)}+\Lambda_{(\beta \gamma)}+\Lambda_{(\gamma \alpha)}=g_{(\alpha \beta \gamma)} \mathrm{d} g_{(\alpha \beta \gamma)}$
cardona-qft-methods_EQ0806 (6)	306	1.000	\mathcal{J}_{1} \equiv\left(\begin{array}{cc} I & 0 \\ 0 & -I^{t} \end{array}\right)	$\mathcal{J}_1 \equiv\left(\begin{array}{cc} I & 0 \\ 0 & -I^t \end{array}\right)$	$\mathcal{J}_1 \equiv\left(\begin{array}{cc} I & 0 \\ 0 & -I^t \end{array}\right)$
cardona-qft-methods_EQ0807 (7)	307	1.000	\mathcal{J}_{2} \equiv\left(\begin{array}{cc} 0 & -J^{-1} \\ J & 0 \end{array}\right) .	$\mathcal{J}_2 \equiv\left(\begin{array}{cc} 0 & -J^{-1} \\ J & 0 \end{array}\right) .$	$\mathcal{J}_2 \equiv\left(\begin{array}{cc} 0 & -J^{-1} \\ J & 0 \end{array}\right) .$
cardona-qft-methods_EQ0810 (10)	308	1.000	\mathcal{H}=\mathcal{G} \mathcal{J}_{1} \mathcal{J}_{2} .	$\mathcal{H}=\mathcal{G} \mathcal{J}_1 \mathcal{J}_2 .$	$\mathcal{H}=\mathcal{G} \mathcal{J}_1 \mathcal{J}_2 .$
cardona-qft-methods_EQ0812 (12)	308	1.000	\eta_{+}^{1} \otimes \eta_{ \pm}^{2 \dagger}=\frac{1}{4} \sum_{k=0}^{6} \frac{1}{k!} \eta_{ \pm}^{2 \dagger} \gamma_{i_{1} \ldots i_{k}} \eta_{+}^{1} \gamma^{i_{k} \ldots i_{1}}	$\eta_{+}^{1} \otimes \eta_{\pm}^{2 \dagger}=\frac{1}{4} \sum_{k=0}^{6} \frac{1}{k!} \eta_{\pm}^{2 \dagger} \gamma_{i_1 \ldots i_k} \eta_{+}^{1} \gamma^{i_k \ldots i_1}$	$\eta_{+}^{1} \otimes \eta_{\pm}^{2 \dagger}=\frac{1}{4} \sum_{k=0}^{6} \frac{1}{k!} \eta_{\pm}^{2 \dagger} \gamma_{i_1 \ldots i_k} \eta_{+}^{1} \gamma^{i_k \ldots i_1}$
cardona-qft-methods_EQ0813 (13)	308	1.000	\sum_{k} \frac{1}{k!} C_{i_{1} \ldots i_{k}}^{(k)} \gamma_{\alpha \beta}^{i_{i} \ldots i_{k}} \quad \longleftrightarrow \quad \sum_{k} \frac{1}{k!} C_{i_{1} \ldots i_{k}}^{(k)} \mathrm{d} x^{i_{i}} \wedge \ldots \wedge \mathrm{d} x^{i_{k}}	$\sum_{k} \frac{1}{k!} C_{i_1 \ldots i_k}^{(k)} \gamma_{\alpha \beta}^{i_i \ldots i_k} \quad \longleftrightarrow \quad \sum_{k} \frac{1}{k!} C_{i_1 \ldots i_k}^{(k)} \mathrm{d} x^{i_i} \wedge \ldots \wedge \mathrm{d} x^{i_k}$	$\sum_{k} \frac{1}{k!} C_{i_1 \ldots i_k}^{(k)} \gamma_{\alpha \beta}^{i_i \ldots i_k} \quad \longleftrightarrow \quad \sum_{k} \frac{1}{k!} C_{i_1 \ldots i_k}^{(k)} \mathrm{d} x^{i_i} \wedge \ldots \wedge \mathrm{d} x^{i_k}$
cardona-qft-methods_EQ0814 (14)	309	1.000	\Phi_{ \pm} \rightarrow e^{-B} \Phi_{ \pm} \equiv \Phi_{ \pm}^{D}	$\Phi_{\pm} \rightarrow e^{-B} \Phi_{\pm} \equiv \Phi_{\pm}^{D}$	$\Phi_{\pm} \rightarrow e^{-B} \Phi_{\pm} \equiv \Phi_{\pm}^{D}$
cardona-qft-methods_EQ0815 (15)	309	1.000	\Phi_{+}=e^{-\mathrm{i} J}, \quad \Phi_{-}=-\mathrm{i} \Omega,	$\Phi_{+}=e^{-\mathrm{i} J}, \quad \Phi_{-}=-\mathrm{i} \Omega,$	$\Phi_{+}=e^{-\mathrm{i} J}, \quad \Phi_{-}=-\mathrm{i} \Omega,$
cardona-qft-methods_EQ0817 (17)	309	1.000	J \wedge \Omega=0, \quad J \wedge J \wedge J=\frac{3 \mathrm{i}}{4} \Omega \wedge \bar{\Omega},	$J \wedge \Omega=0, \quad J \wedge J \wedge J=\frac{3 \mathrm{i}}{4} \Omega \wedge \bar{\Omega},$	$J \wedge \Omega=0, \quad J \wedge J \wedge J=\frac{3 \mathrm{i}}{4} \Omega \wedge \bar{\Omega},$
cardona-qft-methods_EQ0821 (21)	311	1.000	[X+\zeta, Y+\eta]_{H}=[X+\zeta, Y+\eta]_{C}+\iota_{X} \iota_{Y} H,	$[X+\zeta, Y+\eta]_H=[X+\zeta, Y+\eta]_C+\iota_X \iota_Y H,$	$[X+\zeta, Y+\eta]_H=[X+\zeta, Y+\eta]_C+\iota_X \iota_Y H,$
cardona-qft-methods_EQ0822	311	1.000	(\mathrm{d}-H \wedge) \Phi=0	$(\mathrm{d}-H \wedge) \Phi=0$	$(\mathrm{d}-H \wedge) \Phi=0$
cardona-qft-methods_EQ0825 (4)	313	1.000	F^{(10)}=\mathrm{d} C-H \wedge C+m e^{B}=\hat{F}-H \wedge C	$F^{(10)}=\mathrm{d} C-H \wedge C+m e^B=\hat{F}-H \wedge C$	$F^{(10)}=\mathrm{d} C-H \wedge C+m e^B=\hat{F}-H \wedge C$
cardona-qft-methods_EQ0826 (5)	313	1.000	F_{n}^{(10)}=(-1)^{\operatorname{Int}[n / 2]} \star F_{10-n}^{(10)},	$F_n^{(10)}=(-1)^{\operatorname{Int}[n / 2]} \star F_{10-n}^{(10)},$	$F_n^{(10)}=(-1)^{\operatorname{Int}[n / 2]} \star F_{10-n}^{(10)},$

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cardona-qft-methods_EQ0827 (6)	314	1.000	d H=0, \quad d F^{(10)}-H \wedge F^{(10)}=0 .	$dH=0, \quad dF^{(10)}-H\wedge F^{(10)}=0.$	$dH=0\ , \quad dF^{(10)}-H\wedge F^{(10)}=0\ .$
cardona-qft-methods_EQ0828 (7)	314	1.000	\tilde{\nabla}_{\mu} \epsilon+\frac{e^{-A}}{2}\left(\gamma_{\mu} \gamma_{5} \otimes \not \nabla A\right) \epsilon=0	$\tilde{\nabla}_{\mu}\epsilon+\frac{e^{-A}}{2}\left(\gamma_{\mu}\gamma_{5}\otimes \not{\nabla} A\right)\epsilon=0$	$\tilde{\nabla}_{\mu}\epsilon+\frac{e^{-A}}{2}(\gamma_{\mu}\gamma_{5}\otimes\not{\nabla}A)\epsilon=0$
cardona-qft-methods_EQ0829 (8)	314	1.000	\left[\tilde{\nabla}_{\mu}, \tilde{\nabla}_{\nu}\right] \epsilon=-\frac{1}{2}\left(\nabla_{m} A\right)\left(\nabla^{m} A\right) \gamma_{\mu \nu} \epsilon	$\left[\tilde{\nabla}_{\mu}, \tilde{\nabla}_{\nu}\right] \epsilon=-\frac{1}{2}\left(\nabla_{m} A\right)\left(\nabla^{m} A\right) \gamma_{\mu \nu} \epsilon$	$[\tilde{\nabla}_{\mu},\tilde{\nabla}_{\nu}]\epsilon=-\frac{1}{2}(\nabla_{m}A)(\nabla^{m}A)\,\gamma_{\mu\nu}\,\epsilon$
cardona-qft-methods_EQ0830 (9)	314	1.000	\left[\tilde{\nabla}_{\mu}, \tilde{\nabla}_{\nu}\right] \epsilon=\frac{1}{4} \tilde{R}_{\mu \nu \lambda \rho} \gamma^{\lambda \rho} \epsilon=0	$\left[\tilde{\nabla}_{\mu}, \tilde{\nabla}_{\nu}\right] \epsilon=\frac{1}{4} \tilde{R}_{\mu \nu \lambda \rho} \gamma^{\lambda \rho} \epsilon=0$	$[\tilde{\nabla}_{\mu},\tilde{\nabla}_{\nu}]\epsilon=\frac{1}{4}\tilde{R}_{\mu\nu\lambda\rho}\gamma^{\lambda\rho}\epsilon=0$
cardona-qft-methods_EQ0832 (11)	314	1.000	\epsilon_{\mathrm{IIB}}^{A}=\xi_{+}^{A} \otimes \eta_{+}^{A}+\xi_{-}^{A} \otimes \eta_{-}^{A}, \quad A=1,2 .	$\epsilon_{\mathrm{IIB}}^{A}=\xi_{+}^{A} \otimes \eta_{+}^{A}+\xi_{-}^{A} \otimes \eta_{-}^{A}, \quad A=1,2.$	$\epsilon_{\mathrm{IIB}}^{A}=\xi_{+}^{A}\otimes\eta_{+}^{A}+\xi_{-}^{A}\otimes\eta_{-}^{A}\ , \qquad A=1,2\ .$
cardona-qft-methods_EQ0833 (12)	314	1.000	\nabla_{m} \eta_{ \pm}^{A}=0 .	$\nabla_{m} \eta_{\pm}^{A}=0.$	$\nabla_{m}\eta_{\pm}^{A}=0\,.$
cardona-qft-methods_EQ0836 (15)	317	1.000	\left|\Phi_{+}\right|=\left|\Phi_{-}\right|=e^{A}	$\left\|\Phi_{+}\right\|=\left\|\Phi_{-}\right\|=e^{A}$	$\left\|\Phi_{+}\right\|=\left\|\Phi_{-}\right\|=e^{A}$
cardona-qft-methods_EQ0839 (18)	317	1.000	\lambda\left(A_{n}\right)=(-1)^{\operatorname{Int}[n / 2]} A_{n} .	$\lambda\left(A_{n}\right)=(-1)^{\operatorname{Int}[n / 2]} A_{n}.$	$\lambda(A_{n})=(-1)^{\operatorname{Int}[n/2]}A_{n}\ .$
cardona-qft-methods_EQ0840	328	1.000	\{f, g\}=\Pi(d f, d g)	$\{f, g\}=\Pi(d f, d g)$	$\{f,g\}=\Pi(df,dg)$
cardona-qft-methods_EQ0841	328	1.000	\{f, g h\}=g\{f, h\}+h\{f, g\}, \forall f, g, h \in \mathcal{C}^{\infty}(M) .	$\{f, g h\}=g\{f, h\}+h\{f, g\}, \forall f, g, h \in \mathcal{C}^{\infty}(M).$	$\{f,gh\}=g\{f,h\}+h\{f,g\},\forall f,g,h\in\mathcal{C}^{\infty}(M).$
cardona-qft-methods_EQ0843	329	1.000	S(X, \eta):=\int_{\Sigma}\langle\eta, d X\rangle+\frac{1}{2}\left\langle\eta,\left(\Pi^{\#} \circ X\right) \eta\right\rangle	$S(X, \eta):=\int_{\Sigma}\langle\eta, d X\rangle+\frac{1}{2}\left\langle\eta,\left(\Pi^{\#} \circ X\right) \eta\right\rangle$	$S(X,\eta):=\int_{\Sigma}\langle\eta,\,dX\rangle+\frac{1}{2}\langle\eta,\,(\Pi^{\#}\circ X)\eta\rangle,$
cardona-qft-methods_EQ0844	329	1.000	\mathrm{EL}=\{\text { Solutions of the Euler-Lagrange equations }\} \subset \Phi,	$\mathrm{EL}=\{\text { Solutions of the Euler-Lagrange equations }\} \subset \Phi,$	$\mathrm{EL}=\{\text{Solutions of the Euler-Lagrange equations}\}\subset\Phi,$
cardona-qft-methods_EQ0847	330	1.000	\Phi_{\partial}:=\left\{\text { vector bundle morphisms between } T(\partial \Sigma) \text { and } T^{*} M\right\} .	$\Phi_{\partial}:=\{\text { vector bundle morphisms between } T(\partial \Sigma) \text { and } T^{*} M\}.$	$\Phi_{\partial}:=\{\text{vector bundle morphisms between } T(\partial\Sigma) \text{ and } T^{*}M\}.$
cardona-qft-methods_EQ0848	330	1.000	L_{\Sigma}:=p(E L) .	$L_{\Sigma}:=p(E L).$	$L_{\Sigma}:=p(EL).$
cardona-qft-methods_EQ0849	330	1.000	C_{\Pi}:=\left\{(X, \eta) \mid d X=\pi^{\#}(X) \eta, X: \partial \Sigma \rightarrow M, \eta \in \Gamma\left(T^{*} I \otimes X^{*}\left(T^{*} M\right)\right)\right\} .	$C_{\Pi}:=\left\{(X, \eta) \mid d X=\pi^{\#}(X) \eta, X: \partial \Sigma \rightarrow M, \eta \in \Gamma\left(T^{*} I \otimes X^{*}\left(T^{*} M\right)\right)\right\}.$	$C_{\Pi}:=\{(X,\eta)\|dX=\pi^{\#}(X)\eta,\ X:\partial\Sigma\rightarrow M,\ \eta\in\Gamma(T^{*}I\otimes X^{*}(T^{*}M))\}.$
cardona-qft-methods_EQ0850	330	1.000	[X, f Y]_{A}=f[X, Y]+\rho_{*}(X)(f) Y, \forall X, Y \in \Gamma(A), f \in \mathcal{C}^{\infty}(M) .	$[X, f Y]_{A}=f[X, Y]+\rho_{*}(X)(f) Y, \forall X, Y \in \Gamma(A), f \in \mathcal{C}^{\infty}(M).$	$[X,fY]_{A}=f[X,Y]+\rho_{*}(X)(f)Y,\forall X,Y\in\Gamma(A),f\in\mathcal{C}^{\infty}(M).$
cardona-qft-methods_EQ0852	331	1.000	\delta_{A} f:=\rho^{*} d f,	$\delta_{A} f:=\rho^{*} d f,$	$\delta_{A}f:=\rho^{*}df,$
cardona-qft-methods_EQ0853	331	1.000	\left\langle\delta_{A} \alpha, X \wedge Y\right\rangle:=-\left\langle\alpha,[X, Y]_{A}\right\rangle+\langle\delta \langle\alpha, X\rangle, Y\rangle-\langle\delta\langle \alpha, Y\rangle, X\rangle,	$\left\langle\delta_{A} \alpha, X \wedge Y\right\rangle:=-\left\langle\alpha,[X, Y]_{A}\right\rangle+\langle\delta \langle\alpha, X\rangle, Y\rangle-\langle\delta\langle \alpha, Y\rangle, X\rangle,$	$\langle\delta_{A}\alpha,X\wedge Y\rangle:=-\langle\alpha,\,[X,Y]_{A}\rangle+\langle\delta\langle\alpha,X\rangle,Y\rangle-\langle\delta\langle\alpha,Y\rangle,X\rangle,$
cardona-qft-methods_EQ0854	331	1.000	\delta_{A} \varphi^{*}=\varphi^{*} \delta_{B} .	$\delta_{A} \varphi^{*}=\varphi^{*} \delta_{B}.$	$\delta_{A}\varphi^{*}=\varphi^{*}\delta_{B}.$
cardona-qft-methods_EQ0856	332	1.000	G r_{\mu}:=\left\{(a, b, c) \in G^{3} \mid c=\mu(a, b) \right\}	$G r_{\mu}:=\left\{(a, b, c) \in G^{3} \mid c=\mu(a, b)\right\}$	$Gr_{\mu}:=\{(a,b,c)\in G^{3}\|\,c=\mu(a,b)\}$

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cardona-qft-methods_EQ0857	333	■1.000	`\overline{\mathcal{G}} \times \overline{\mathcal{G}} \nrightarrow \mathcal{G} \text { and } \mathcal{G} \nrightarrow \overline{\mathcal{G}}`	$\overline{\mathcal{G}} \times \overline{\mathcal{G}} \nrightarrow \mathcal{G}$ and $\mathcal{G} \nrightarrow \overline{\mathcal{G}}$	$\bar{\mathcal{G}} \times \bar{\mathcal{G}} \nrightarrow \mathcal{G}$ and $\mathcal{G} \nrightarrow \bar{\mathcal{G}}$
cardona-qft-methods_EQ0858	333	■1.000	`\begin{aligned} T: \mathcal{G} \times \mathcal{G} & \rightarrow \mathcal{G} \times \mathcal{G} \\ (x, y) & \mapsto (y, x) \end{aligned}`	$\begin{aligned} T: \mathcal{G} \times \mathcal{G} & \rightarrow \mathcal{G} \times \mathcal{G} \\ (x, y) & \mapsto (y, x) \end{aligned}$	$\begin{aligned} T: \mathcal{G} \times \mathcal{G} & \rightarrow \mathcal{G} \times \mathcal{G} \\ (x, y) & \mapsto (y, x) \end{aligned}$
cardona-qft-methods_EQ0859	334	■1.000	`T_{r e l}: \mathcal{G} \times \mathcal{G} \nrightarrow \mathcal{G} \times \mathcal{G} \text { and } \overline{T_{r e l}}: \overline{\mathcal{G}} \times \overline{\mathcal{G}} \nrightarrow \overline{ \mathcal{G}} \times \overline{\mathcal{G}} .`	$T_{rel}: \mathcal{G} \times \mathcal{G} \nrightarrow \mathcal{G} \times \mathcal{G}$ and $\overline{T_{rel}}: \overline{\mathcal{G}} \times \overline{\mathcal{G}} \nrightarrow \overline{\mathcal{G}} \times \overline{\mathcal{G}}$.	$T_{rel}: \mathcal{G} \times \mathcal{G} \nrightarrow \mathcal{G} \times \mathcal{G}$ and $\overline{T_{rel}}: \bar{\mathcal{G}} \times \bar{\mathcal{G}} \nrightarrow \bar{\mathcal{G}} \times \bar{\mathcal{G}}$.
cardona-qft-methods_EQ0860	334	■1.000	`L_{3}:=I_{r e l} \circ L_{r e l}: \mathcal{G} \times \mathcal{G} \nrightarrow \mathcal{G} .`	$L_3 := I_{rel} \circ L_{rel}: \mathcal{G} \times \mathcal{G} \nrightarrow \mathcal{G}$.	$L_3 := I_{rel} \circ L_{rel}: \mathcal{G} \times \mathcal{G} \nrightarrow \mathcal{G}$.
cardona-qft-methods_EQ0861	334	■1.000	`\overline{I_{r e l}} \circ L_{1}=\overline{L_{1}},`	$\overline{I_{rel}} \circ L_1 = \overline{L_1}$,	$\overline{I_{rel}} \circ L_1 = \overline{L_1}$,
cardona-qft-methods_EQ0862	334	■1.000	`I\left(L_{1}\right)=\overline{L_{1}},`	$I\left(L_1\right) = \overline{L_1}$,	$I(L_1) = \overline{L_1}$,
cardona-qft-methods_EQ0864	335	■1.000	`L_{2}:=L_{3} \circ\left(L_{1} \times I d\right): \mathcal{G} \nrightarrow \mathcal{G} .`	$L_2 := L_3 \circ \left(L_1 \times Id\right): \mathcal{G} \nrightarrow \mathcal{G}$.	$L_2 := L_3 \circ \left(L_1 \times Id\right): \mathcal{G} \nrightarrow \mathcal{G}$.
cardona-qft-methods_EQ0865	335	■1.000	`L_{2}=L_{3} \circ\left(I d \times L_{1}\right) .`	$L_2 = L_3 \circ \left(Id \times L_1\right)$.	$L_2 = L_3 \circ (Id \times L_1)$.
cardona-qft-methods_EQ0866	335	■1.000	`\begin{aligned} & L_{2} \circ L_{1}=L_{1} \\ & L_{2} \circ L_{2}=L_{2} \\ & L_{2} \circ L_{3}=L_{3} . \end{aligned}`	$\begin{aligned} & L_2 \circ L_1 = L_1 \\ & L_2 \circ L_2 = L_2 \\ & L_2 \circ L_3 = L_3. \end{aligned}$	$\begin{aligned} & L_2 \circ L_1 = L_1 \\ & L_2 \circ L_2 = L_2 \\ & L_2 \circ L_3 = L_3. \end{aligned}$
cardona-qft-methods_EQ0867	335	■1.000	`\overline{I_{r e l}} \circ L_{2}=\overline{L_{2}} \circ \overline{I_{r e l}} \text { and } L_{2}^{\dagger}=L_{2} .`	$\overline{I_{rel}} \circ L_2 = \overline{L_2} \circ \overline{I_{rel}}$ and $L_2^{\dagger} = L_2$.	$\overline{I_{rel}} \circ L_2 = \overline{L_2} \circ \overline{I_{rel}}$ *and* $L_2^{\dagger} = L_2$.
cardona-qft-methods_EQ0868	335	■1.000	`C^{*}=\mathcal{G}^{*} \circ L_{2}`	$C^* = \mathcal{G}^* \circ L_2$	$C^* = \mathcal{G}^* \circ L_2$
cardona-qft-methods_EQ0869	336	■1.000	`T:=\left\{(c,[l]) \in C \times M: \exists l \in[l], g \in \mathcal{G} \mid(c, l, g) \in L_{3}\right\}`	$T := \{(c,[l]) \in C \times M : \exists l \in [l], g \in \mathcal{G} \mid (c, l, g) \in L_3\}$	$T := \{(c,[l]) \in C \times M : \exists l \in [l], g \in \mathcal{G} \mid (c, l, g) \in L_3\}$
cardona-qft-methods_EQ0871	337	■1.000	`\begin{aligned} \mathcal{G} & =G . \\ L & =\mathcal{L} \times \mathcal{L} \times \mathcal{L} . \\ I & =\{\text { identity of } G\} . \end{aligned}`	$\begin{aligned} \mathcal{G} & =G . \\ L & =\mathcal{L} \times \mathcal{L} \times \mathcal{L} . \\ I & =\{\text { identity of } G\} . \end{aligned}$	$\begin{aligned} \mathcal{G} & =G . \\ L & =\mathcal{L} \times \mathcal{L} \times \mathcal{L} . \\ I & =\{\text{identity of } G\} . \end{aligned}$
cardona-qft-methods_EQ0872	338	■1.000	`P:=\left\{(x, \alpha, \beta) \mid x \in \underline{G_{(n)}},[\alpha]=[\beta]=x\right\},`	$P := \left\{(x, \alpha, \beta) \mid x \in \underline{G_{(n)}}, [\alpha] = [\beta] = x\right\}$,	$P := \{(x, \alpha, \beta) \mid x \in \underline{G_{(n)}}, [\alpha] = [\beta] = x\}$,
cardona-qft-methods_EQ0873	338	■1.000	`P^{\dagger} \circ P=G r\left(I d_{G}\right), P \circ P^{ \dagger}=\left\{(g, h) \in G^{n} \mid[g]=[h]\right\} .`	$P^{\dagger} \circ P = Gr\left(Id_G\right), P \circ P^{\dagger} = \{(g, h) \in G^n \mid [g] = [h]\}$.	$P^{\dagger} \circ P = Gr(Id_G), P \circ P^{\dagger} = \{(g, h) \in G^n \mid [g] = [h]\}$.
cardona-qft-methods_EQ0875	338	■1.000	`\begin{aligned} \phi:[0,1] & \rightarrow[0,1] \\ t & \mapsto 1-t \end{aligned}`	$\begin{aligned} \phi: [0,1] & \rightarrow [0,1] \\ t & \mapsto 1-t \end{aligned}$	$\begin{aligned} \phi: [0,1] & \rightarrow [0,1] \\ t & \mapsto 1-t \end{aligned}$
cardona-qft-methods_EQ0876	338	■1.000	`\overline{L_{1}}:=\cup_{x_{0} \in M} T_{(\overline{X, \eta})}^{*} P M \cap L_{1},`	$\overline{L_1} := \cup_{x_0 \in M} T^*_{(\overline{X,\eta})} PM \cap L_1$,	$\overline{L_1} := \cup_{x_0 \in M} T^*_{(\overline{X,\eta})} PM \cap L_1$,
cardona-qft-methods_EQ0877	339	■1.000	`m: H \otimes H \rightarrow H .`	$m: H \otimes H \rightarrow H$.	$m: H \otimes H \rightarrow H$.

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cardona-qft-methods_EQ0878	339	1.000	`\langle a, b\rangle_{H}:=\langle\bar{a}, b\rangle,`	$\langle a, b\rangle_H := \langle \bar{a}, b\rangle,$	$\langle a, b\rangle_H := \langle \overline{a}, b\rangle,$
cardona-qft-methods_EQ0879	339	1.000	`\langle m(a, b), c\rangle_{H}=\langle a, m(b, c)\rangle_{H}`	$\langle m(a, b), c\rangle_H = \langle a, m(b, c)\rangle_H$	$\langle m(a, b), c\rangle_H = \langle a, m(b, c)\rangle_H$
cardona-qft-methods_EQ0880	339	1.000	`e:=\sum_{i} m\left(e_{i}, \overline{e_{i}}\right)`	$e := \sum_i m\left(e_i, \overline{e_i}\right)$	$e := \sum_i m(e_i, \overline{e_i})$
cardona-qft-methods_EQ0881	339	1.000	`\begin{aligned} P: H & \rightarrow H \\ a & \mapsto m(a, e) \end{aligned}`	$\begin{aligned} P: H & \rightarrow H \\ a & \mapsto m(a, e) \end{aligned}$	$\begin{aligned} P: H & \rightarrow H \\ a & \mapsto m(a, e) \end{aligned}$
cardona-qft-methods_EQ0882	342	1.000	`H_{p}(L M) \otimes H_{q}(L M) \rightarrow H_{p+q-n}(L M),`	$H_p(LM) \otimes H_q(LM) \rightarrow H_{p+q-n}(LM),$	$H_p(LM) \otimes H_q(LM) \rightarrow H_{p+q-n}(LM),$
cardona-qft-methods_EQ0885	344	1.000	`\tau_{\Delta}: M \times M \rightarrow(M \times M) / \nu_{\Delta}^{c}`	$\tau_\Delta : M \times M \rightarrow (M \times M)/\nu_\Delta^c$	$\tau_\Delta : M \times M \rightarrow (M \times M)/\nu_\Delta^c$
cardona-qft-methods_EQ0886	344	1.000	`\tau_{\Delta}: M \times M \rightarrow M^{T M}`	$\tau_\Delta : M \times M \rightarrow M^{TM}$	$\tau_\Delta : M \times M \rightarrow M^{TM}$
cardona-qft-methods_EQ0891	345	1.000	`L M^{-T M} \wedge L M^{-T M} \rightarrow L M^{-T M},`	$LM^{-TM} \wedge LM^{-TM} \rightarrow LM^{-TM},$	$LM^{-TM} \wedge LM^{-TM} \rightarrow LM^{-TM},$
cardona-qft-methods_EQ0892	346	1.000	`H_{p}\left(M^{-T M}\right) \cong H_{p+n}(M)`	$H_p\left(M^{-TM}\right) \cong H_{p+n}(M)$	$H_p(M^{-TM}) \cong H_{p+n}(M)$
cardona-qft-methods_EQ0893	346	1.000	`M^{-T M}:=\Sigma^{-k} M^{\nu(e)}`	$M^{-TM} := \Sigma^{-k} M^{\nu(e)}$	$M^{-TM} := \Sigma^{-k} M^{\nu(e)}$
cardona-qft-methods_EQ0894	346	1.000	`\Delta^{*}: M^{-T M} \wedge M^{-T M}=(M \times M)^{-2 T M} \rightarrow M^{T M-2 T M}=M^{-T M}`	$\Delta^* : M^{-TM} \wedge M^{-TM} = (M \times M)^{-2TM} \rightarrow M^{TM-2TM} = M^{-TM}$	$\Delta^* : M^{-TM} \wedge M^{-TM} = (M \times M)^{-2TM} \rightarrow M^{TM-2TM} = M^{-TM}$
cardona-qft-methods_EQ0901	347	1.000	`H_{*+n}(L M) \cong H H^{*}\left(C^{*}(M), C^{*}(M)\right) .`	$H_{*+n}(LM) \cong HH^*\left(C^*(M), C^*(M)\right).$	$H_{*+n}(LM) \cong HH^*(C^*(M), C^*(M)).$
cardona-qft-methods_EQ0902	348	1.000	`G_{x}=\{g \in G \mid g \bar{x}=\bar{x}\}`	$G_x = \{g \in G \mid g\bar{x} = \bar{x}\}$	$G_x = \{g \in G \mid g\overline{x} = \overline{x}\}$
cardona-qft-methods_EQ0903	349	1.000	`P_{G} M \times_{G} E G \simeq L\left(M \times_{G} E G \right) .`	$P_G M \times_G EG \simeq L\left(M \times_G EG\right).$	$P_G M \times_G EG \simeq L(M \times_G EG).$
cardona-qft-methods_EQ0904	349	1.000	`H_{*}\left(\mathcal{L}\left(M \times_{G} E G\right) ; \mathbb{Q}\right) \cong H_{*}\left(P_{G} M ; \mathbb{Q} \right)^{G}`	$H_*\left(\mathcal{L}\left(M \times_G EG\right); \mathbb{Q}\right) \cong H_*\left(P_G M; \mathbb{Q}\right)^G$	$H_*(\mathcal{L}(M \times_G EG); \mathbb{Q}) \cong H_*(P_G M; \mathbb{Q})^G$
cardona-qft-methods_EQ0905	349	1.000	`P_{G} X:=\bigsqcup_{g \in G} P_{g} X \times\{g\} \quad \text { with } \quad P_{g} X:=\{f:[0,1] \rightarrow X \mid f(0) g=f(1)\}`	$P_G X := \bigsqcup_{g \in G} P_g X \times \{g\} \quad \text{ with } \quad P_g X := \{f:[0,1] \rightarrow X \mid f(0) g = f(1)\}$	$P_G X := \bigsqcup_{g \in G} P_g X \times \{g\} \quad \text{ with } \quad P_g X := \{f:[0,1] \rightarrow X \mid f(0) g = f(1)\}$
cardona-qft-methods_EQ0907	350	1.000	`P_{g} M:{ }_{1} \times_{0} P_{h} M=\left\{(\phi, \psi) \in P_{g} M \times P_{h} M \mid \phi(1)=\psi(0)\right\}`	$P_g M:{}_1 \times_0 P_h M = \{(\phi, \psi) \in P_g M \times P_h M \mid \phi(1) = \psi(0)\}$	$P_g M:{}_1 \times_0 P_h M = \{(\phi, \psi) \in P_g M \times P_h M \mid \phi(1) = \psi(0)\}$
cardona-qft-methods_EQ0909	350	1.000	`P_{G} M^{-T M}:=\bigsqcup_{g \in G} P_{g} M^{-T M}`	$P_G M^{-TM} := \bigsqcup_{g \in G} P_g M^{-TM}$	$P_G M^{-TM} := \bigsqcup_{g \in G} P_g M^{-TM}$
cardona-qft-methods_EQ0910	350	1.000	`\mu: P_{G} M^{-T M} \wedge P_{G} M^{-T M} \rightarrow P_{G} M^{-T M} .`	$\mu : P_G M^{-TM} \wedge P_G M^{-TM} \rightarrow P_G M^{-TM}.$	$\mu : P_G M^{-TM} \wedge P_G M^{-TM} \rightarrow P_G M^{-TM}.$
cardona-qft-methods_EQ0911	350	1.000	`H_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)^{G} \cong H_{*+n}\left(L\left(M \times_{G} E G\right) ; \mathbb{Q} \right)`	$H_*\left(P_G M^{-TM}; \mathbb{Q}\right)^G \cong H_{*+n}\left(L\left(M \times_G EG\right); \mathbb{Q}\right)$	$H_*(P_G M^{-TM}; \mathbb{Q})^G \cong H_{*+n}(L(M \times_G EG); \mathbb{Q})$
cardona-qft-methods_EQ0912	351	1.000	`H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong H_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)^{G}`	$HH^*\left(C^*(M; \mathbb{Q})\#G, C^*(M; \mathbb{Q})\#G\right) \cong H_*\left(P_G M^{-TM}; \mathbb{Q}\right)^G$	$HH^*(C^*(M; \mathbb{Q})\#G, C^*(M; \mathbb{Q})\#G) \cong H_*(P_G M^{-TM}; \mathbb{Q})^G$

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cardona-qft-methods_EQ0913	351	1.000	`C^{*}(M) \# G:=C^{*}(M) \otimes \mathbb{Q} G \quad( \alpha, g) \cdot(\beta, h):=\left(\alpha \cdot g^{*} \beta, g h\right) .`	$C^{*}(M) \# G:=C^{*}(M) \otimes \mathbb{Q} G \quad(\alpha, g) \cdot(\beta, h):=\left(\alpha \cdot g^{*} \beta, g h\right) .$	$C^{*}(M) \# G:=C^{*}(M) \otimes \mathbb{Q} G \quad(\alpha, g) \cdot(\beta, h):=\left(\alpha \cdot g^{*} \beta, g h\right) .$
cardona-qft-methods_EQ0914	351	1.000	`H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong \operatorname{Ext}_{ \mathbb{Q} G}^{*}\left(\mathbb{Q}, C_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)\right) .`	$H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong \operatorname{Ext}_{ \mathbb{Q} G}^{*}\left(\mathbb{Q}, C_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)\right) .$	$H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong \operatorname{Ext}_{ \mathbb{Q} G}^{*}\left(\mathbb{Q}, C_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)\right) .$
cardona-qft-methods_EQ0918	351	1.000	`C^{-*}(M) \rightarrow C_{*}\left(M^{-T M}\right)`	$C^{-*}(M) \rightarrow C_{*}\left(M^{-T M}\right)$	$C^{-*}(M) \rightarrow C_{*}\left(M^{-T M}\right)$
cardona-qft-methods_EQ0920	352	1.000	`H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong \operatorname{Ext}_{ \mathbb{Q} G}^{*}\left(\mathbb{Q}, C_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)\right)`	$H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong \operatorname{Ext}_{ \mathbb{Q} G}^{*}\left(\mathbb{Q}, C_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)\right)$	$H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong \operatorname{Ext}_{ \mathbb{Q} G}^{*}\left(\mathbb{Q}, C_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)\right)$
cardona-qft-methods_EQ0921	352	1.000	`H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong H_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)^{G} .`	$H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong H_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)^{G} .$	$H H^{*}\left(C^{*}(M ; \mathbb{Q}) \# G, C^{*}(M ; \mathbb{Q}) \# G\right) \cong H_{*}\left(P_{G} M^{-T M} ; \mathbb{Q}\right)^{G} .$
cardona-qft-methods_EQ0922	352	1.000	`H H^{*}\left(C^{*}(M) \# G, C^{*}(M) \# G\right)`	$H H^{*}\left(C^{*}(M) \# G, C^{*}(M) \# G\right)$	$H H^{*}\left(C^{*}(M) \# G, C^{*}(M) \# G\right)$
cardona-qft-methods_EQ0923	352	1.000	`\operatorname{Ext}_{\mathbb{Z} G}^{*}\left(\mathbb{Z}, C_{*}\left(P_{G} M^{-T M}\right)\right) \cong H^{*}\left( \left(C^{*}(E G) \otimes C_{*}\left(P_{G} M^{-T M}\right) \right)^{G}\right)`	$\operatorname{Ext}_{\mathbb{Z} G}^{*}\left(\mathbb{Z}, C_{*}\left(P_{G} M^{-T M}\right)\right) \cong H^{*}\left(\left(C^{*}(E G) \otimes C_{*}\left(P_{G} M^{-T M}\right)\right)^{G}\right)$	$\operatorname{Ext}_{\mathbb{Z} G}^{*}\left(\mathbb{Z}, C_{*}\left(P_{G} M^{-T M}\right)\right) \cong H^{*}\left(\left(C^{*}(E G) \otimes C_{*}\left(P_{G} M^{-T M}\right)\right)^{G}\right)$
cardona-qft-methods_EQ0924	352	1.000	`P_{G} M \times_{G} E G_{n} \xrightarrow{e_{0}} M \times_{G} E G_{n}`	$P_{G} M \times_{G} E G_{n} \xrightarrow{e_{0}} M \times_{G} E G_{n}$	$P_{G} M \times_{G} E G_{n} \xrightarrow{e_{0}} M \times_{G} E G_{n}$
cardona-qft-methods_EQ0926	352	1.000	`\left(P_{G} M \times_{G} E G_{n}\right)^{-e_{0}^{*} T \left(M_{n}\right)} \leftarrow\left(P_{G} M \times_{G} E G_{n+1}\right)^{-e_{0}^{*} T\left(M_{n+1}\right)} \leftarrow \cdots`	$\left(P_{G} M \times_{G} E G_{n}\right)^{-e_{0}^{*} T \left(M_{n}\right)} \leftarrow\left(P_{G} M \times_{G} E G_{n+1}\right)^{-e_{0}^{*} T\left(M_{n+1}\right)} \leftarrow \cdots$	$\left(P_{G} M \times_{G} E G_{n}\right)^{-e_{0}^{*} T \left(M_{n}\right)} \leftarrow\left(P_{G} M \times_{G} E G_{n+1}\right)^{-e_{0}^{*} T\left(M_{n+1}\right)} \leftarrow \cdots$
cardona-qft-methods_EQ0929	353	1.000	`\left[G^{a d} / G\right] \cong \bigsqcup_{(g)}[* / C(g)]`	$\left[G^{a d} / G\right] \cong \bigsqcup_{(g)}[* / C(g)]$	$\left[G^{a d} / G\right] \cong \bigsqcup_{(g)}[* / C(g)]$
cardona-qft-methods_EQ0930 (g)	353	1.000	`\bigsqcup B C(g)_{n}^{-T B C(g)_{n}}`	$\bigsqcup B C(g)_{n}^{-T B C(g)_{n}}$	$\bigsqcup B C(g)_{n}^{-T B C(g)_{n}}$
cardona-qft-methods_EQ0932	354	1.000	`H_{*}\left(E G_{n} / C(g) \times E G_{n} / C(h)\right) \rightarrow H_{*-k_{n}}\left(E G_{n} /(C(g) \cap C(h)) \right)`	$H_{*}\left(E G_{n} / C(g) \times E G_{n} / C(h)\right) \rightarrow H_{*-k_{n}}\left(E G_{n} /(C(g) \cap C(h))\right)$	$H_{*}\left(E G_{n} / C(g) \times E G_{n} / C(h)\right) \rightarrow H_{*-k_{n}}\left(E G_{n} /(C(g) \cap C(h))\right)$
cardona-qft-methods_EQ0933	354	1.000	`H_{*}\left(E G_{n} /(C(g) \cap C(h))\right) \rightarrow H_{*}\left(E G_{n} / C(g h)\right)`	$H_{*}\left(E G_{n} /(C(g) \cap C(h))\right) \rightarrow H_{*}\left(E G_{n} / C(g h)\right)$	$H_{*}\left(E G_{n} /(C(g) \cap C(h))\right) \rightarrow H_{*}\left(E G_{n} / C(g h)\right)$
cardona-qft-methods_EQ0934	354	1.000	`H^{*}\left(E G_{n} /(C(g) \cap C(h))\right) \rightarrow H^{*}\left(E G_{n} / C(g h)\right)`	$H^{*}\left(E G_{n} /(C(g) \cap C(h))\right) \rightarrow H^{*}\left(E G_{n} / C(g h)\right)$	$H^{*}\left(E G_{n} /(C(g) \cap C(h))\right) \rightarrow H^{*}\left(E G_{n} / C(g h)\right)$
cardona-qft-methods_EQ0935	354	1.000	`H^{*}(B(C(g) \cap C(h))) \rightarrow H^{*}(B C(g h)) .`	$H^{*}(B(C(g) \cap C(h))) \rightarrow H^{*}(B C(g h)) .$	$H^{*}(B(C(g) \cap C(h))) \rightarrow H^{*}(B C(g h)) .$
cardona-qft-methods_EQ0938	355	1.000	`H_{*}^{p r o}\left(L B G^{-T B G}\right) \cong H^{*}(L B G)`	$H_{*}^{p r o}\left(L B G^{-T B G}\right) \cong H^{*}(L B G)$	$H_{*}^{p r o}\left(L B G^{-T B G}\right) \cong H^{*}(L B G)$
cardona-qft-methods_EQ0939	355	1.000	`L B G \leftarrow \operatorname{Map}(\Theta, B G) \rightarrow L B G \times L B G`	$L B G \leftarrow \operatorname{Map}(\Theta, B G) \rightarrow L B G \times L B G$	$L B G \leftarrow \operatorname{Map}(\Theta, B G) \rightarrow L B G \times L B G$
cardona-qft-methods_EQ0940	355	1.000	`H^{*}(L B G) \otimes H^{*}(L B G) \rightarrow H^{*}(L B G)`	$H^{*}(L B G) \otimes H^{*}(L B G) \rightarrow H^{*}(L B G)$	$H^{*}(L B G) \otimes H^{*}(L B G) \rightarrow H^{*}(L B G)$
cardona-qft-methods_EQ0941 (1)	358	1.000	`[X]-[Y]=[X \backslash Y],`	$[X]-[Y]=[X \backslash Y],$	$[X]-[Y]=[X \backslash Y],$
cardona-qft-methods_EQ0944 (4)	358	1.000	`\left[\mathbb{A}_{k}^{n}\right]=\mathbb{L}^{n} .`	$\left[\mathbb{A}_{k}^{n}\right]=\mathbb{L}^{n} .$	$\left[\mathbb{A}_{k}^{n}\right]=\mathbb{L}^{n} .$

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cardona-qft-methods_EQ0945 (5)	359	■1.000	`\mathbb{T}=\left[\mathbb{A}_{k}^{1}\right]-\left[\mathbb{A}_{k}^{0}\right]=\mathbb{L}-1,`	$\mathbb{T}=\left[\mathbb{A}_k^1\right]-\left[\mathbb{A}_k^0\right]=\mathbb{L}-1,$	$\mathbb{T}=\left[\mathbb{A}_k^1\right]-\left[\mathbb{A}_k^0\right]=\mathbb{L}-1,$
cardona-qft-methods_EQ0946 (6)	359	■1.000	`[X \cup Y]=[X]+[Y]-[X \cap Y]`	$[X\cup Y]=[X]+[Y]-[X\cap Y]$	$[X\cup Y]=[X]+[Y]-[X\cap Y]$
cardona-qft-methods_EQ0948 (8)	359	■1.000	`\left[\mathbb{P}_{k}^{n}\right]=\frac{\mathbb{L}^{n+1}-1}{\mathbb{L}-1},`	$\left[\mathbb{P}_k^n\right]=\frac{\mathbb{L}^{n+1}-1}{\mathbb{L}-1},$	$\left[\mathbb{P}_k^n\right]=\frac{\mathbb{L}^{n+1}-1}{\mathbb{L}-1},$
cardona-qft-methods_EQ0949 (9)	359	■1.000	`\left[\mathbb{P}_{k}^{n}\right]=1+\mathbb{L}+\mathbb{L}^{2}+\cdots+\mathbb{L}^{n},`	$\left[\mathbb{P}_k^n\right]=1+\mathbb{L}+\mathbb{L}^2+\cdots+\mathbb{L}^n,$	$\left[\mathbb{P}_k^n\right]=1+\mathbb{L}+\mathbb{L}^2+\cdots+\mathbb{L}^n,$
cardona-qft-methods_EQ0950 (1)	359	■1.000	`\Psi_{\Gamma}(t)=\sum_{T \subset \Gamma} \prod_{e \notin E(T)} t_{e},`	$\Psi_\Gamma(t)=\sum_{T\subset\Gamma}\prod_{e\notin E(T)} t_e,$	$\Psi_\Gamma(t)=\sum_{T\subset\Gamma}\prod_{e\notin E(T)} t_e,$
cardona-qft-methods_EQ0951 (2)	360	■1.000	`X_{\Gamma}=\left\{t=\left(t_{1}: t_{2}: \cdots: t_{n}\right) \in \mathbb{P}_{k}^{n-1} \mid \Psi_{\Gamma}(t)=0\right\} .`	$X_\Gamma=\left\{t=\left(t_1: t_2: \cdots: t_n\right) \in \mathbb{P}_k^{n-1} \mid \Psi_\Gamma(t)=0\right\} .$	$X_\Gamma=\left\{t=\left(t_1: t_2: \cdots: t_n\right) \in \mathbb{P}_k^{n-1} \mid \Psi_\Gamma(t)=0\right\} .$
cardona-qft-methods_EQ0952 (4)	360	■1.000	`\begin{gathered} \mathcal{C}: \mathbb{P}_{k}^{n-1} \rightarrow \mathbb{P}_{k}^{n-1} \\ \left(t_{1}: t_{2}: \cdots: t_{n}\right) \mapsto\left(\frac{1}{t_{1}}: \frac{1}{t_{2}}: \cdots: \frac{1}{t_{n}}\right) \end{gathered}`	$\begin{gathered} \mathcal{C}: \mathbb{P}_k^{n-1} \rightarrow \mathbb{P}_k^{n-1} \\ \left(t_1: t_2: \cdots: t_n\right) \mapsto\left(\frac{1}{t_1}: \frac{1}{t_2}: \cdots: \frac{1}{t_n}\right) \end{gathered}$	$\begin{gathered} \mathcal{C}: \mathbb{P}_k^{n-1} \rightarrow \mathbb{P}_k^{n-1} \\ \left(t_1: t_2: \cdots: t_n\right) \mapsto\left(\frac{1}{t_1}: \frac{1}{t_2}: \cdots: \frac{1}{t_n}\right) \end{gathered}$
cardona-qft-methods_EQ0953 (5)	360	■1.000	`\Sigma_{n}=\left\{\left(t_{1}: t_{2}: \cdots: t_{n}\right) \in \mathbb{P}_{k}^{n-1} \mid \prod_{i=1}^{n} t_{i}=0\right\} .`	$\Sigma_n=\left\{\left(t_1: t_2: \cdots: t_n\right) \in \mathbb{P}_k^{n-1} \mid \prod_{i=1}^{n} t_i=0\right\} .$	$\Sigma_n=\left\{\left(t_1: t_2: \cdots: t_n\right) \in \mathbb{P}_k^{n-1} \mid \prod_{i=1}^{n} t_i=0\right\} .$
cardona-qft-methods_EQ0954 (6)	361	■1.000	`\mathcal{C} \circ \pi_{1}=\pi_{2} .`	$\mathcal{C}\circ\pi_1=\pi_2.$	$\mathcal{C}\circ\pi_1=\pi_2.$
cardona-qft-methods_EQ0955 (7)	361	■1.000	`t_{1} t_{n+1}=t_{2} t_{n+2}=\cdots=t_{n} t_{2 n},`	$t_1t_{n+1}=t_2t_{n+2}=\cdots=t_nt_{2n},$	$t_1t_{n+1}=t_2t_{n+2}=\cdots=t_nt_{2n},$
cardona-qft-methods_EQ0961 (1)	362	■1.000	`\Psi_{\Gamma}(t)=1,`	$\Psi_\Gamma(t)=1,$	$\Psi_\Gamma(t)=1,$
cardona-qft-methods_EQ0962 (2)	362	■1.000	`X_{\Gamma}=\emptyset .`	$X_\Gamma=\emptyset.$	$X_\Gamma=\emptyset.$
cardona-qft-methods_EQ0963 (3)	362	■1.000	`\Psi_{\Gamma^{\vee}}(t)=t_{1} t_{2} \cdots t_{n},`	$\Psi_{\Gamma^\vee}(t)=t_1t_2\cdots t_n,$	$\Psi_{\Gamma^\vee}(t)=t_1t_2\cdots t_n,$
cardona-qft-methods_EQ0964 (4)	362	■1.000	`X_{\Gamma^{\vee}}=\left\{t \in \mathbb{P}_{k}^{n-1} \mid \Psi_{\Gamma^{\vee}}(t)=0\right\}=\Sigma_{n} .`	$X_{\Gamma^\vee}=\left\{t \in \mathbb{P}_k^{n-1} \mid \Psi_{\Gamma^\vee}(t)=0\right\}=\Sigma_n.$	$X_{\Gamma^\vee}=\left\{t \in \mathbb{P}_k^{n-1} \mid \Psi_{\Gamma^\vee}(t)=0\right\}=\Sigma_n.$
cardona-qft-methods_EQ0966 (6)	362	■1.000	`\left[X_{\Gamma}\right]=0 .`	$\left[X_\Gamma\right]=0.$	$\left[X_\Gamma\right]=0.$
cardona-qft-methods_EQ0968 (8)	363	■1.000	`\Psi_{\Gamma}(t)=t_{1}+t_{2}+\cdots+t_{n},`	$\Psi_\Gamma(t)=t_1+t_2+\cdots+t_n,$	$\Psi_\Gamma(t)=t_1+t_2+\cdots+t_n,$
cardona-qft-methods_EQ0970 (10)	363	■1.000	`[\mathcal{L}]=\left[X_{\Gamma}\right]=\left[\mathbb{P}_{k}^{n-2}\right]=\frac{\mathbb{L}^{n-1}-1}{\mathbb{L}-1}=\frac{(\mathbb{T}+1)^{n-1}-1}{\mathbb{T}} .`	$[\mathcal{L}]=\left[X_\Gamma\right]=\left[\mathbb{P}_k^{n-2}\right]=\frac{\mathbb{L}^{n-1}-1}{\mathbb{L}-1}=\frac{(\mathbb{T}+1)^{n-1}-1}{\mathbb{T}}.$	$[\mathcal{L}]=\left[X_\Gamma\right]=\left[\mathbb{P}_k^{n-2}\right]=\frac{\mathbb{L}^{n-1}-1}{\mathbb{L}-1}=\frac{(\mathbb{T}+1)^{n-1}-1}{\mathbb{T}}.$
cardona-qft-methods_EQ0973 (13)	363	■1.000	`\mathcal{H}: g(\mathbb{T}) \mapsto \frac{g(\mathbb{T})-g(-1)}{\mathbb{T}+1}`	$\mathcal{H}: g(\mathbb{T}) \mapsto \frac{g(\mathbb{T})-g(-1)}{\mathbb{T}+1}$	$\mathcal{H}: g(\mathbb{T}) \mapsto \frac{g(\mathbb{T})-g(-1)}{\mathbb{T}+1}$

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cardona-qft-methods_EQ0974 (14)	364	1.000	`\frac{g(\mathbb{T}-g(-1))}{\mathbb{T}+1}=\frac{(\mathbb{T}-1)^{n-1}-1}{\mathbb{T}}=\left[\mathbb{P}^{n-1}\right],`	$\frac{g(\mathbb{T}-g(-1))}{\mathbb{T}+1}=\frac{(\mathbb{T}-1)^{n-1}-1}{\mathbb{T}}=\left[\mathbb{P}^{n-1}\right],$	$\frac{g(\mathbb{T}-g(-1))}{\mathbb{T}+1}=\frac{(\mathbb{T}-1)^{n-1}-1}{\mathbb{T}}=\left[\mathbb{P}^{n-1}\right],$
cardona-qft-methods_EQ0975 (15)	364	1.000	`\left[\mathcal{L} \cap \Sigma_{n}\right]=\frac{g(\mathbb{T})-g(-1)}{\mathbb{T}+1}=\frac{(1+\mathbb{T})^{n-1}-1}{\mathbb{T}}-\frac{\mathbb{T}^{n-1}-(-1)^{n-1}}{\mathbb{T}+1},`	$\left[\mathcal{L} \cap \Sigma_{n}\right]=\frac{g(\mathbb{T})-g(-1)}{\mathbb{T}+1}=\frac{(1+\mathbb{T})^{n-1}-1}{\mathbb{T}}-\frac{\mathbb{T}^{n-1}-(-1)^{n-1}}{\mathbb{T}+1},$	$\left[\mathcal{L} \cap \Sigma_{n}\right]=\frac{g(\mathbb{T})-g(-1)}{\mathbb{T}+1}=\frac{(1+\mathbb{T})^{n-1}-1}{\mathbb{T}}-\frac{\mathbb{T}^{n-1}-(-1)^{n-1}}{\mathbb{T}+1},$
cardona-qft-methods_EQ0976 (16)	364	1.000	`\left[X_{\Gamma^{\vee}} \backslash \Sigma_{n}\right]=\left[\mathcal{L} \backslash \Sigma_{n}\right]=[\mathcal{L}]-\left[\mathcal{L} \cap \Sigma_{n}\right]=\frac{\mathbb{T}^{n-1}-(-1)^{n-1}}{\mathbb{T}+1} .`	$\left[X_{\Gamma^{\vee}} \backslash \Sigma_{n}\right]=\left[\mathcal{L} \backslash \Sigma_{n}\right]=[\mathcal{L}]-\left[\mathcal{L} \cap \Sigma_{n}\right]=\frac{\mathbb{T}^{n-1}-(-1)^{n-1}}{\mathbb{T}+1} .$	$\left[X_{\Gamma^{\vee}} \backslash \Sigma_{n}\right]=\left[\mathcal{L} \backslash \Sigma_{n}\right]=[\mathcal{L}]-\left[\mathcal{L} \cap \Sigma_{n}\right]=\frac{\mathbb{T}^{n-1}-(-1)^{n-1}}{\mathbb{T}+1} .$
cardona-qft-methods_EQ0977 (17)	364	1.000	`\mathcal{I}=\left(t_{2} t_{3} \cdots t_{n}, t_{1} t_{3} \cdots t_{n}, \ldots, t_{1} t_{2} \cdots \hat{t_{i}} \cdots t_{n}, \ldots, t_{1} t_{2} \cdots t_{n-1}\right) .`	$\mathcal{I}=\left(t_{2} t_{3} \cdots t_{n}, t_{1} t_{3} \cdots t_{n}, \ldots, t_{1} t_{2} \cdots \hat{t_{i}} \cdots t_{n}, \ldots, t_{1} t_{2} \cdots t_{n-1}\right) .$	$\mathcal{I}=\left(t_{2} t_{3} \cdots t_{n}, t_{1} t_{3} \cdots t_{n}, \ldots, t_{1} t_{2} \cdots \hat{t_{i}} \cdots t_{n}, \ldots, t_{1} t_{2} \cdots t_{n-1}\right) .$
cardona-qft-methods_EQ0980 (20)	365	1.000	`\left[X_{\Gamma^{\vee}}\right]=\left[X_{\Gamma^{\vee}} \backslash \Sigma\right]+\left[X_{\Gamma^{\vee}} \cap \Sigma\right]=\left[X_{\Gamma^{\vee}} \backslash \Sigma\right]+[\mathcal{S}_{n}\right],`	$\left[X_{\Gamma^{\vee}}\right]=\left[X_{\Gamma^{\vee}} \backslash \Sigma\right]+\left[X_{\Gamma^{\vee}} \cap \Sigma\right]=\left[X_{\Gamma^{\vee}} \backslash \Sigma\right]+[\mathcal{S}_{n}\right],$	$\left[X_{\Gamma^{\vee}}\right]=\left[X_{\Gamma^{\vee}} \backslash \Sigma\right]+\left[X_{\Gamma^{\vee}} \cap \Sigma\right]=\left[X_{\Gamma^{\vee}} \backslash \Sigma\right]+[\mathcal{S}_{n}\right],$
cardona-qft-methods_EQ0981 (1)	366	1.000	`\Psi_{\Gamma}(t)=p(t) q(t)`	$\Psi_{\Gamma}(t)=p(t) q(t)$	$\Psi_{\Gamma}(t)=p(t) q(t)$
cardona-qft-methods_EQ0982 (2)	367	1.000	`P=\left\{t_{i} \mid \text { such that } t_{i} \text { appears in } p(t)\right\}`	$P=\left\{t_{i} \mid \text { such that } t_{i} \text { appears in } p(t)\right\}$	$P=\left\{t_{i} \mid \text { such that } t_{i} \text { appears in } p(t)\right\}$
cardona-qft-methods_EQ0984	369	1.000	`X Y-Y X-[X, Y], \quad X, Y \in \tilde{m} g .`	$X Y-Y X-[X, Y], \quad X, Y \in \tilde{m} g .$	$X Y-Y X-[X, Y], \quad X, Y \in \tilde{m} g .$
cardona-qft-methods_EQ0985	369	1.000	`g f(x)=f\left(g^{-1} x\right), \quad f \in C(M) .`	$g f(x)=f\left(g^{-1} x\right), \quad f \in C(M) .$	$g f(x)=f\left(g^{-1} x\right), \quad f \in C(M) .$
cardona-qft-methods_EQ0986	369	1.000	`e_{\xi}: g \in G \mapsto\langle J \xi, g \nu\rangle \in \mathbb{C} .`	$e_{\xi}: g \in G \mapsto\langle J \xi, g \nu\rangle \in \mathbb{C} .$	$e_{\xi}: g \in G \mapsto\langle J \xi, g \nu\rangle \in \mathbb{C} .$
cardona-qft-methods_EQ0990	371	1.000	`\omega(A)=\langle\nu, A \nu\rangle, \quad A \in \mathcal{A} .`	$\omega(A)=\langle\nu, A \nu\rangle, \quad A \in \mathcal{A} .$	$\omega(A)=\langle\nu, A \nu\rangle, \quad A \in \mathcal{A} .$
cardona-qft-methods_EQ0991	372	1.000	`\langle[A],[B]\rangle=\omega\left(A^{\dagger} B\right), \quad A, B \in \mathcal{A},`	$\langle[A],[B]\rangle=\omega\left(A^{\dagger} B\right), \quad A, B \in \mathcal{A},$	$\langle[A],[B]\rangle=\omega\left(A^{\dagger} B\right), \quad A, B \in \mathcal{A},$
cardona-qft-methods_EQ0993	373	1.000	`X \in \tilde{m} g \mapsto 1 \otimes X+X \otimes 1 \in \mathcal{T}(\tilde{m} g) \otimes \mathcal{T}(\tilde{m} g)`	$X \in \tilde{m} g \mapsto 1 \otimes X+X \otimes 1 \in \mathcal{T}(\tilde{m} g) \otimes \mathcal{T}(\tilde{m} g)$	$X \in \tilde{m} g \mapsto 1 \otimes X+X \otimes 1 \in \mathcal{T}(\tilde{m} g) \otimes \mathcal{T}(\tilde{m} g)$
cardona-qft-methods_EQ0994	373	1.000	`\Delta \mathcal{I} \subseteq \mathcal{I} \otimes \mathcal{T}(\tilde{m} g)+\mathcal{T}(\tilde{m} g) \otimes \mathcal{I} .`	$\Delta \mathcal{I} \subseteq \mathcal{I} \otimes \mathcal{T}(\tilde{m} g)+\mathcal{T}(\tilde{m} g) \otimes \mathcal{I} .$	$\Delta \mathcal{I} \subseteq \mathcal{I} \otimes \mathcal{T}(\tilde{m} g)+\mathcal{T}(\tilde{m} g) \otimes \mathcal{I} .$
cardona-qft-methods_EQ0996	374	1.000	`a b(E)=a \otimes b(\Delta E), \quad a, b \in \mathcal{E}^{\dagger}, E \in \mathcal{E} .`	$a b(E)=a \otimes b(\Delta E), \quad a, b \in \mathcal{E}^{\dagger}, E \in \mathcal{E} .$	$a b(E)=a \otimes b(\Delta E), \quad a, b \in \mathcal{E}^{\dagger}, E \in \mathcal{E} .$
cardona-qft-methods_EQ0997 (1)	374	1.000	`E a(F)=a\left(\bar{E}^{\dagger} F\right), \quad E, F \in \mathcal{E}, a \in \mathcal{E}^{\dagger} .`	$E a(F)=a\left(\bar{E}^{\dagger} F\right), \quad E, F \in \mathcal{E}, a \in \mathcal{E}^{\dagger} .$	$E a(F)=a\left(\bar{E}^{\dagger} F\right), \quad E, F \in \mathcal{E}, a \in \mathcal{E}^{\dagger} .$
cardona-qft-methods_EQ0998	374	1.000	`\left(\forall a, b \in \mathcal{E}^{\dagger}\right) \delta(a b)=\delta(a) b+a \delta(b) .`	$\left(\forall a, b \in \mathcal{E}^{\dagger}\right) \delta(a b)=\delta(a) b+a \delta(b) .$	$\left(\forall a, b \in \mathcal{E}^{\dagger}\right) \delta(a b)=\delta(a) b+a \delta(b) .$
cardona-qft-methods_EQ0999	374	1.000	`X(a b)=X((a \otimes b) \circ \Delta)=(a \otimes b) \circ \Delta \circ X^{\dagger}(\cdot) .`	$X(a b)=X((a \otimes b) \circ \Delta)=(a \otimes b) \circ \Delta \circ X^{\dagger}(\cdot) .$	$X(a b)=X((a \otimes b) \circ \Delta)=(a \otimes b) \circ \Delta \circ X^{\dagger}(\cdot) .$
cardona-qft-methods_EQ1002	375	1.000	`a \in \mathcal{E}^{\dagger} \mapsto f_{a} \in \mathbb{C}\llbracket x_{1}, \ldots x_{n} \rrbracket, \quad f_{a}(x)=\sum_{\alpha \in \mathbb{N}^{n}} \frac{x^{\alpha}}{\alpha!} a\left(X^{\alpha}\right) .`	$a \in \mathcal{E}^{\dagger} \mapsto f_{a} \in \mathbb{C}\llbracket x_{1}, \ldots x_{n} \rrbracket, \quad f_{a}(x)=\sum_{\alpha \in \mathbb{N}^{n}} \frac{x^{\alpha}}{\alpha!} a\left(X^{\alpha}\right) .$	$a \in \mathcal{E}^{\dagger} \mapsto f_{a} \in \mathbb{C}\llbracket x_{1}, \ldots x_{n} \rrbracket, \quad f_{a}(x)=\sum_{\alpha \in \mathbb{N}^{n}} \frac{x^{\alpha}}{\alpha!} a\left(X^{\alpha}\right) .$

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cardona-qft-methods_EQ1004	375	1.000	`a b(1)=a \otimes b(\Delta 1)=a(1) b(1) .`	$ab(1) = a \otimes b(\Delta 1) = a(1)b(1).$	$ab(1) = a \otimes b(\Delta 1) = a(1)b(1).$
cardona-qft-methods_EQ1005	375	1.000	`a^{\dagger}(E+f F)=\overline{a(E)}+f \overline{a(F)}, \quad E, F \in \mathcal{E}_{\mathbb{R}} .`	$a^{\dagger}(E+fF) = \overline{a(E)} + f\overline{a(F)}, \quad E, F \in \mathcal{E}_{\mathbb{R}}.$	$a^{\dagger}(E+\ f\ F) = \overline{a(E)} +\ f\ \overline{a(F)}, \quad E, F \in \mathcal{E}_{\mathbb{R}}.$
cardona-qft-methods_EQ1006	375	1.000	`\chi_{0}\left(a^{\dagger}\right)=a^{\dagger}(1)= \overline{a(1)}=\overline{\chi_{0}(a)} .`	$\chi_0\left(a^{\dagger}\right) = a^{\dagger}(1) = \overline{a(1)} = \overline{\chi_0(a)}.$	$\chi_0(a^{\dagger}) = a^{\dagger}(1) = \overline{a(1)} = \overline{\chi_0(a)}.$
cardona-qft-methods_EQ1007	376	1.000	`\xi \in \mathcal{F} \mapsto e_{\xi} \in \mathcal{E}^{ \dagger}, \quad e_{\xi}(E)=\langle J \xi, E \nu\rangle,`	$\xi \in \mathcal{F} \mapsto e_{\xi} \in \mathcal{E}^{\dagger}, \quad e_{\xi}(E) = \langle J\xi, E\nu\rangle,$	$\xi \in \mathcal{F} \mapsto e_{\xi} \in \mathcal{E}^{\dagger}, \quad e_{\xi}(E) = \langle J\xi, E\nu\rangle,$
cardona-qft-methods_EQ1008	376	1.000	`M=\left\{: \chi \in \mathcal{A}^{\dagger} \mid \chi(a b)= \chi(a) \chi(b), \chi\left(a^{\dagger}\right)=\overline{ \chi(a)}:\right\} .`	$M = \left\{: \chi \in \mathcal{A}^{\dagger} \mid \chi(ab) = \chi(a)\chi(b), \chi\left(a^{\dagger}\right) = \overline{\chi(a)} :\right\}.$	$M = \left\{: \chi \in \mathcal{A}^{\dagger} \middle\vert \chi(ab) = \chi(a)\chi(b),\ \chi(a^{\dagger}) = \overline{\chi(a)}: \right\}.$
cardona-qft-methods_EQ1009	376	1.000	`E e_{\xi}(F)=\left\langle J \xi, \bar{E}^{\dagger} F \nu \right\rangle=\langle\bar{E} J \xi, F \nu\rangle=\langle J E \xi, F \nu\rangle=e_{E \xi}(F) .`	$Ee_{\xi}(F) = \left\langle J\xi, \bar{E}^{\dagger} F\nu\right\rangle = \langle \bar{E}J\xi, F\nu\rangle = \langle JE\xi, F\nu\rangle = e_{E\xi}(F).$	$Ee_{\xi}(F) = \langle J\xi, \overline{E}^{\dagger} F\nu\rangle = \langle \overline{E}J\xi, F\nu\rangle = \langle JE\xi, F\nu\rangle = e_{E\xi}(F).$
cardona-qft-methods_EQ1010	376	1.000	`\omega \in \mathcal{E}^{\dagger}, \quad \omega(E)=e_{ \nu}(E)=\langle\nu, E \nu\rangle`	$\omega \in \mathcal{E}^{\dagger}, \quad \omega(E) = e_{\nu}(E) = \langle \nu, E\nu\rangle$	$\omega \in \mathcal{E}^{\dagger}, \quad \omega(E) = e_{\nu}(E) = \langle \nu, E\nu\rangle$
cardona-qft-methods_EQ1011	377	1.000	`\tilde{m} g=\mathbb{R} X, \quad \mathcal{F}=\mathcal{H}= \mathbb{C}^{2}, \quad X=\left(\begin{array}{cc} 0 & 1 \\ -1 & 0 \end{array}\right), \quad \nu=\binom{1}{0} .`	$\tilde{m}g = \mathbb{R}X, \quad \mathcal{F} = \mathcal{H} = \mathbb{C}^2, \quad X = \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}, \quad \nu = \binom{1}{0}.$	$\tilde{m}g = \mathbb{R}X, \quad \mathcal{F} = \mathcal{H} = \mathbb{C}^2, \quad X = \left(\begin{smallmatrix} 0 & 1 \\ -1 & 0 \end{smallmatrix}\right), \quad \nu = \left(\begin{smallmatrix} 1 \\ 0 \end{smallmatrix}\right).$