

cardona-qft-methods: residuals

equations measured 2026-09-05T11:34:14Z against the model of 2026-09-03

Unresolved

Identifier	Page	Conf.	LaTeX source	Rendered	Image
cardona-qft-methods_ E00654 (4)	261	■ 0.167 ●	$\begin{aligned} &\phi_{\theta}(x)\phi_{\theta}(y)=e^{\{-\frac{1}{2}\frac{\partial}{\partial x^{\mu}}\frac{\partial}{\partial y^{\nu}}\theta^{\mu\nu}\}}\phi_0(x)\phi_0(y)e^{\frac{1}{2}\left(\frac{\overleftarrow{\partial}}{\partial x^{\mu}}+\frac{\overrightarrow{\partial}}{\partial y^{\mu}}\right)\theta^{\mu\nu}P_{\nu}}\neq\phi_0(x)\phi_0(y). \end{aligned}$	(not rendered)	
Conf. MathPix confidence: ■ ≥0.9 ■ 0.5–0.9 ■ <0.5 — no value LaTeX source MathPix’s reading, unchanged; Rendered the same reading, with a display environment (align/alignat/flalign/eqnarray/gather/multline/split) mapped to its in-math form so it can typeset in this cell — the two may legitimately differ Residual render vs scan (inkdrill): ● C component ● W weak ● S stable ● N noise ● K clean ● not measured [refined: basis] beside an identifier: the LaTeX-source and Rendered cells both show a VERIFIED refinement, not MathPix’s own reading — <i>basis</i> names what verified it (e.g. ink, source). The original reading is unchanged in the model but is not the one drawn here.					

Flagged, not acted on

Identifier	Page	Conf.	LaTeX source	Rendered	Image
cardona-qft-methods_ EQ0677	46	■ 0.150 ● C +44	\left.\begin{array}{cccccc} 1 & \rightarrow & \operatorname{Inn}(\mathcal{A}) & \rightarrow & \operatorname{Aut}(\mathcal{A}) & \rightarrow & \operatorname{Aut}(\mathcal{A})/\operatorname{Inn}(\mathcal{A}) & \rightarrow & 1, \\ 1 & \rightarrow & \mathcal{G} & \rightarrow & \mathcal{G} \rtimes \operatorname{Diff}(M) & \rightarrow & \operatorname{Diff}(M) & \rightarrow & 1. \end{array}\right\}	(not rendered)	$\begin{array}{lcl} AdS_5 : & -R^2 = -Z_0^2 + Z_1^2 + Z_2^2 + Z_3^2 + Z_4^2 - Z_5^2, \\ S^5 : & R^2 = Y_1^2 + Y_2^2 + Y_3^2 + Y_4^2 + Y_5^2 + Y_6^2. \end{array}$
cardona-qft-methods_ EQ0748	284	■ 0.547 ● C -27	\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}		
Conf. MathPix confidence: ■ ≥0.9 ■ 0.5-0.9 ■ <0.5 — no value LaTeX source MathPix’s reading, unchanged; Rendered the same reading, with a display environment (align/alignat/flalign/eqnarray/gather/multline/split) mapped to its in-math form so it can typeset in this cell — the two may legitimately differ Residual render vs scan (inkdrill): ● C component ● W weak ● S stable ● N noise ● K clean ● not measured [refined: <i>basis</i>] beside an identifier: the LaTeX-source and Rendered cells both show a VERIFIED refinement, not MathPix’s own reading — <i>basis</i> names what verified it (e.g. ink, source). The original reading is unchanged in the model but is not the one drawn here.					

88 more flagged rows below the band, stated as a count: 18 component, 70 weak; confidence high 60, mid 14, low 14, none 0

Low confidence

Identifier	Page	Conf.	LaTeX source	Rendered	Image
cardona-qft-methods_ EQ0908 [conf 0.080]	350	■ 0.080 ● u +5	\begin{array}{rlc} P_{\mathrm{g}} M \colon {}_1 \times {}_0 P_{\mathrm{h}} M & \longrightarrow & P_{\mathrm{g}} M \times P_{\mathrm{h}} M \\ \downarrow & & \downarrow \\ \downarrow & e_0 \circ \pi_1 & \downarrow \\ M & & \downarrow \times M \\ \downarrow & & \downarrow \times M \end{array}	$\begin{array}{ccc} P_g M : {}_1 \times {}_0 P_h M & \longrightarrow & P_g M \times P_h M \\ \downarrow & & \downarrow \\ \downarrow & e_0 \circ \pi_1 & \downarrow \\ M & & \downarrow \times M \\ \downarrow & & \downarrow \times M \end{array}$	$\begin{array}{ccc} P_g M : {}_1 \times {}_0 P_h M & \longrightarrow & P_g M \times P_h M \\ \downarrow e_0 \circ \pi_1 & & \downarrow e_0 \times e_0 \\ M & \xrightarrow{\Delta_g} & M \times M \end{array}$
Conf. MathPix confidence: ■ ≥0.9 ■ 0.5-0.9 ■ <0.5 — no value LaTeX source MathPix's reading, unchanged; Rendered the same reading, with a display environment (align/alignat/flalign/eqnarray/gather/multline/split) mapped to its in-math form so it can typeset in this cell — the two may legitimately differ Residual render vs scan (inkdrill): ● C component ● W weak ● S stable ● N noise ● K clean ● not measured [refined: basis] beside an identifier: the LaTeX-source and Rendered cells both show a VERIFIED refinement, not MathPix's own reading — <i>basis</i> names what verified it (e.g. ink, source). The original reading is unchanged in the model but is not the one drawn here.					