voloshin-hypergraph: residuals

equations measured 2026-09-05T13:35:48Z against the model of 2026-09-01

Corrected (3)

Identifier	Page	Conf.	LaTeX source	Rendered	Scan image
voloshin-hypergraph_EQ0133 (was)	170	■ 0.340	`(\mathcal{H})_{2}=(X, \mathcal{E}) \text { where }\left \{x_{i}, x_{j}\right\} \in \mathcal{E} \Leftrightarrow \mathcal{D}\left(x_{i}\right) \cap \mathcal{D}\left(x_{j} \right) \neq \mathbb{O} \text {. }`	$(\mathcal{H})_2 = (X, \mathcal{E})$ where $\{x_i, x_j\} \in \mathcal{E} \Leftrightarrow \mathcal{D}(x_i) \cap \mathcal{D}(x_j) \neq \mathbb{O}.$	$(\mathcal{H})_2 = (X, \mathcal{E})$ where $\{x_i, x_j\} \in \mathcal{E} \Leftrightarrow \mathcal{D}(x_i) \cap \mathcal{D}(x_j) \neq \mathbb{O}.$
voloshin-hypergraph_EQ0133 (now)	170	—	`(\mathcal{H})_{2}=(X, \mathcal{E}) \text { where }\left \{x_{i}, x_{j}\right\} \in \mathcal{E} \Leftrightarrow \mathcal{D}\left(x_{i}\right) \cap \mathcal{D}\left(x_{j} \right) \neq \varnothing \text {. }`	$(\mathcal{H})_2 = (X, \mathcal{E})$ where $\{x_i, x_j\} \in \mathcal{E} \Leftrightarrow \mathcal{D}(x_i) \cap \mathcal{D}(x_j) \neq \varnothing.$	$(\mathcal{H})_2 = (X, \mathcal{E})$ where $\{x_i, x_j\} \in \mathcal{E} \Leftrightarrow \mathcal{D}(x_i) \cap \mathcal{D}(x_j) \neq \varnothing.$
basis: inferred / ink					
voloshin-hypergraph_EQ0141 (was)	185	■ 0.473	`\tau(\mathcal{H})=\nu(\mathcal{H}) .`	$\tau(\mathcal{H}) = \nu(\mathcal{H}).$	$\tau(\mathcal{H}) = \nu(\mathcal{H}).$
voloshin-hypergraph_EQ0141 (now)	185	—	`\tau(\mathcal{H})=\nu(\mathcal{H}) . a hypergraph, draw`	$\tau(\mathcal{H}) = \nu(\mathcal{H}).ahypergraph, draw$	$\tau(\mathcal{H}) = \nu(\mathcal{H}).$
basis: inferred / ink					
voloshin-hypergraph_EQ0197 (was)	220	■ 0.500	`\chi(\mathcal{H})=\bar{\chi}(\mathcal{H})=0, \quad R(\mathcal{H})=(0,0, \ldots, 0), \quad P(\mathcal{H}, \lambda)=0 .`	$\chi(\mathcal{H}) = \bar{\chi}(\mathcal{H}) = 0, \quad R(\mathcal{H}) = (0, 0, \ldots, 0), \quad P(\mathcal{H}, \lambda) = 0.$	$\chi(\mathcal{H}) = \bar{\chi}(\mathcal{H}) = 0, \ R(\mathcal{H}) = (0,0,\ldots,0), \ P(\mathcal{H}, \lambda) = 0.$
voloshin-hypergraph_EQ0197 (now)	220	—	`en the incidence matrix of a hypergraph, construct the edge list.`	$entheincidencematrixofahypergraph, constructtheedgelist.$	$\chi(\mathcal{H}) = \bar{\chi}(\mathcal{H}) = 0, \ R(\mathcal{H}) = (0,0,\ldots,0), \ P(\mathcal{H}, \lambda) = 0.$
basis: inferred / ink					

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 — *basis* names what verified it (e.g. ink, source). The original reading is unchanged in the model but is not the one drawn here.