

Bialgebraic foundations for the operational semantics of string diagrams

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Contextual equivalence for signal flow graphs

Bonchi, Filippo; Piedeleu, Robin; **Sobocinski, Pawel Maria**; Zanasi, Fabio Foundations of Software Science and Computation Structures : 23rd International Conference, FOSSACS 2020, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2020, Dublin, Ireland, April 25-30, 2020 : proceedings 2020 / p. 77-96 https://doi.org/10.1007/978-3-030-45231-5_5
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Diagrammatic algebra of first order logic

Bonchi, Filippo; Di Giorgio, Alessandro; **Haydon, Nathan Joseph**; **Sobocinski, Pawel Maria** LICS '24 : proceedings of the 39th Annual ACM/IEEE Symposium on Logic in Computer Science 2024 / art. 16, p. 1-15 : ill <https://doi.org/10.1145/3661814.3662078>

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Diagrammatic polyhedral algebra

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On doctrines and Cartesian bicategories

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String diagram rewrite theory I : rewriting with Frobenius structure

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String diagram rewrite theory II : rewriting with symmetric monoidal structure

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A survey of Compositional signal flow theory

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