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Heterotic string field theory with cyclic L-infinity structure

Friday, 10 May 2019 10:00 (55 minutes)

We construct a complete heterotic string field theory that includes both the Neveu-Schwarz and Ramond sectors. We give a construction of general string products, which realizes a cyclic L-infinity structures and thus provides with a gauge invariant action in the homotopy algebraic formulation. Through a map of the string fields, we also give the Wess-Zumino-Witten-like action in the large Hilbert space, and verify its gauge invariance independently.

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