

Meeting PRIN "String Theory as a bridge between Gauge Theories and Quantum Gravity"



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Symmetry operators in holography.

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The realization of charged operators in holography is an old subject. The prototypical example being baryons in the CFT, which are holographically realized by D3 branes ending on the boundary. In recent years the subject has shifted to how symmetry operators (i.e. topological operators) are described holographically. We will review this subject starting with the classical works and ending with the current discussion. Based on <https://arxiv.org/abs/2407.00773>

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