

The AKSZ construction of the topological open p-brane action and Nambu brackets

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Abstract:

We review the Alexandrov-Kontsevich-Schwarz-Zaboronsky construction of topological field theories, and in particular the application to topological open membranes and Poisson sigma models. We describe a generalisation to open topological p-branes and Nambu-Poisson sigma models. This talk is based on joint work with Brano Jurco (arXiv:1110.0134 [math-ph]).