The singleton action from the supermembrane¹

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Abstract

We derive the free Osp(8|4) singleton action by sending the M2 brane to the Minkowski boundary of an $AdS_4 \times \mathcal{M}_7$ background. We do this by means of the solvable Lie algebra parametrization of the coset space. We also give some comments on singleton actions from membranes on $AdS_4 \times G/H$ backgrounds.

¹Talk given by P. T. at the TMR meeting of the project "Quantum Aspects of Gauge Theories, Supersymmetry and Unification" TMR contract ERBFMRX-CT96-0045, Corfu September 20–26, 1998. To appear in the proceedings.

This work is also supported in part by EEC under TMR contract ERBFMRX-CT96-0012, in which M. Trigiante is associated to Swansea University.