

Dynamics of membranes with symmetry and projection formalism

34

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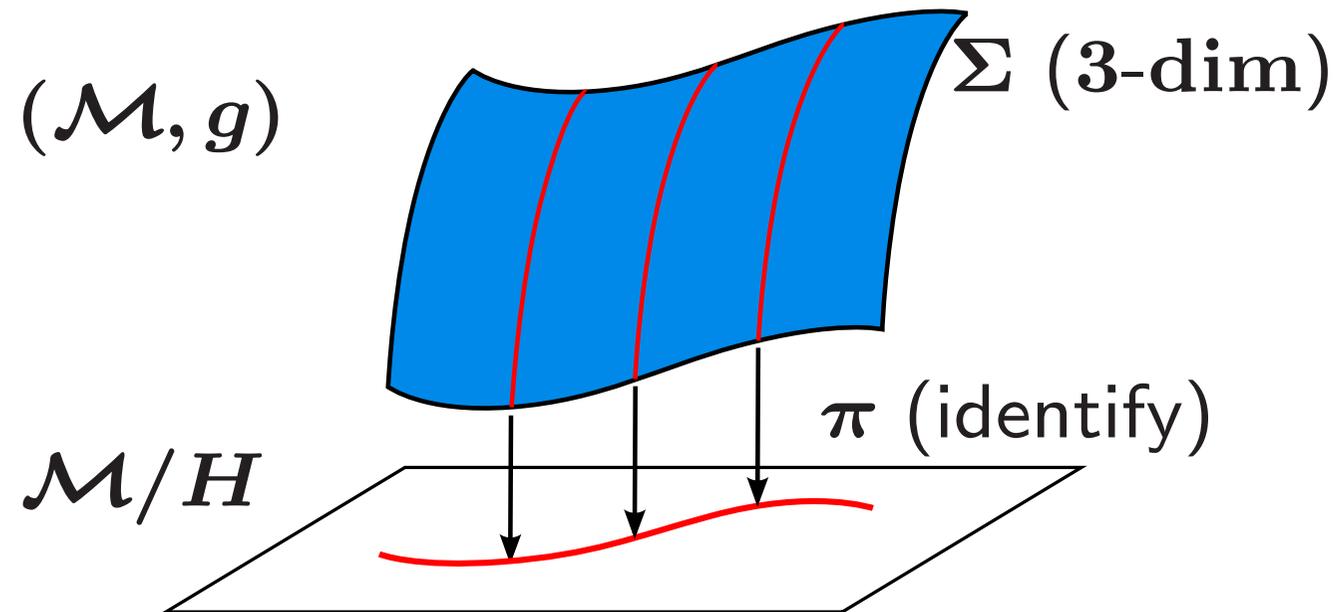
with

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Membranes with symmetry

The world volume is foliated with
2-dim orbits of isometry group H .



Eqs. of motion \Rightarrow ordinary differential eqs.

We study

- **Geometry**

Nambu-Goto \Rightarrow geodesic eqs. in \mathcal{M}/H

– metric on \mathcal{M}/H

- **Solutions**

– Abelian and Non-Abelian

– homogeneous and isotropic

- **Generalization**

higher dimension