

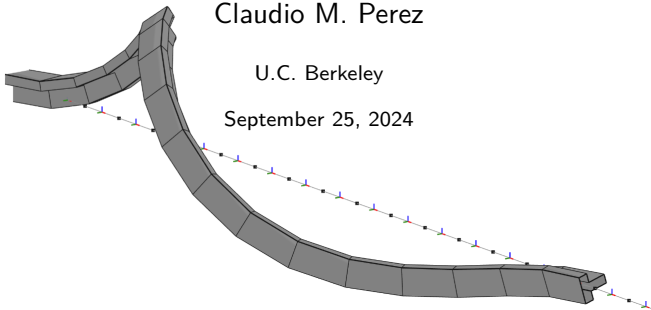
# Computational Mechanics

with applications to finite element modeling on manifolds.

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## Publishing

Numerical methods for mechanical differential equations on manifolds.

Numerical methods for mechanical differential equations on manifolds.

- Finite element methods
- Automatic differentiation

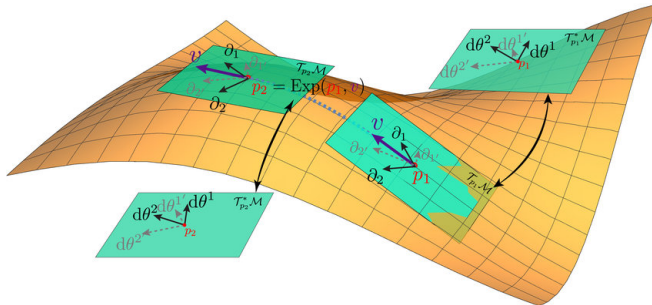
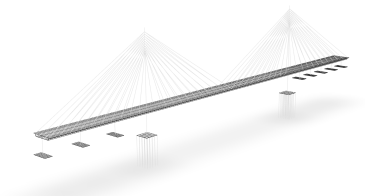


Figure 1: A manifold

# Practice



Github	pip install
STAIRlab/sees	sees
STAIRlab/OpenSeesRT	opensees
claudioperez/GeometricTransformations	-

```
1 # import openseespy.opensees as ops
2 import opensees.openseespy as ops
```

*Thanks!*