pysw Documentation
Release 0.1

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Contents

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ONE

PLAN

List or problems to solve

1. solve 1d 1-layer SW (periodic/boundaries)

2. solve 1d n-layer SW

3. solve 2d 1-layer SW

4. solve 2d n-layer SW

5. Linear Stability Calculations

Equations and latex to include:

1. derivation of SW

2. governing equations for different models (see above)

3. different numerical methods:

    (a) FD Sardouney

    (b) spectral

    (c) WENO

    (d) f2py

    (e) openmp

    (f) openmp + mpi

INDICES AND TABLES

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