
PyRsw Documentation

Release 0.1

PyRsw Team

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Contents:

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

- `genindex`
- `modindex`
- `search`