

Peer Review №2: OMS on Koopman

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April 2021

1. Code Review

The requirements.txt file is added as it was not obvious which libs have to be installed in advance. Some PEP8 style fixes were made: extra whitespaces and newlines are removed, naming of vars is fixed, etc. The duplicated code was removed by adding a common function. Overall the code structure is good but some extra refactoring is still needed in order to obtain a good-quality framework.

2. **Project Readiness** The biggest part of meaningful code is copied from two existing repositories. The baseline implemented in `from_fourier_to_koopman/unknown_phase_problem.ipynb` notebook is reproducible and the obtained results are correct. We also run the tests from `koopmanAE` folder according to the README file inside. Our obtained results differ from the one placed in README. Our plot is depicted in Figure 1. We estimate the overall readiness of the project at 40-50%. The link to pull request is [here](#).

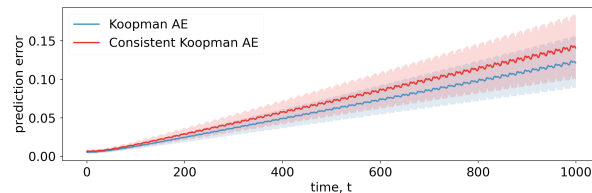


Figure 1: Our result

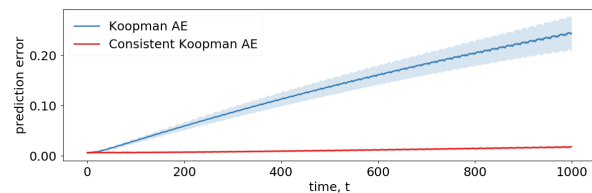


Figure 2: Original result