`emgr` – EMpirical GRamian Framework (Version: 5.99)

Empirical Gramians

- Empirical Controllability Gramian
- Empirical Observability Gramian
- Empirical Linear Cross Gramian
- Empirical Cross Gramian
- Empirical Sensitivity Gramian
- Empirical Identifiability Gramian
- Empirical Joint Gramian

Features:

- Open-source OCTAVE and MATLAB toolbox, PYTHON support
- Interfaces for: Solver, inner product kernels & low-rank computation
- Configurable, vectorized and parallelizable

More info: https://gramian.de

C.Himpe. `emgr` – **The Empirical Gramian Framework**. Algorithms 11(7): 91, 2018. doi:10.3390/a11070091