

# Resource Summary Report

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## Empirical Gramian Framework

RRID:SCR\_015043

Type: Tool

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### Proper Citation

Empirical Gramian Framework (RRID:SCR\_015043)

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### Resource Information

**URL:** <https://gramian.de>

**Proper Citation:** Empirical Gramian Framework (RRID:SCR\_015043)

**Description:** Software for empirical gramians for model reduction of (nonlinear) input-output systems.

**Abbreviations:** emgr

**Synonyms:** emgr - EMpirical GRamian framework, Empirical Gramian Framework (EMGR)

**Resource Type:** software application, software resource

**Defining Citation:** [DOI:10.5281/zenodo.2530021](https://doi.org/10.5281/zenodo.2530021)

**Keywords:** model reduction, model order reduction, empirical gramian, empirical cross gramian matrix, combined reduction

**Availability:** Runs on Windows, Runs on Linux, Open source, Demo available

**Resource Name:** Empirical Gramian Framework

**Resource ID:** SCR\_015043

**Alternate URLs:** <https://github.com/gramian/emgr>

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**Record Creation Time:** 20220129T080323+0000

**Record Last Update:** 20260919T195813+0000

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### Ratings and Alerts

No rating or validation information has been found for Empirical Gramian Framework.

No alerts have been found for Empirical Gramian Framework.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.