SPDEs-Bib: A Comprehensive Bibliography of Stochastic Partial Differential Equations and Related Topics*

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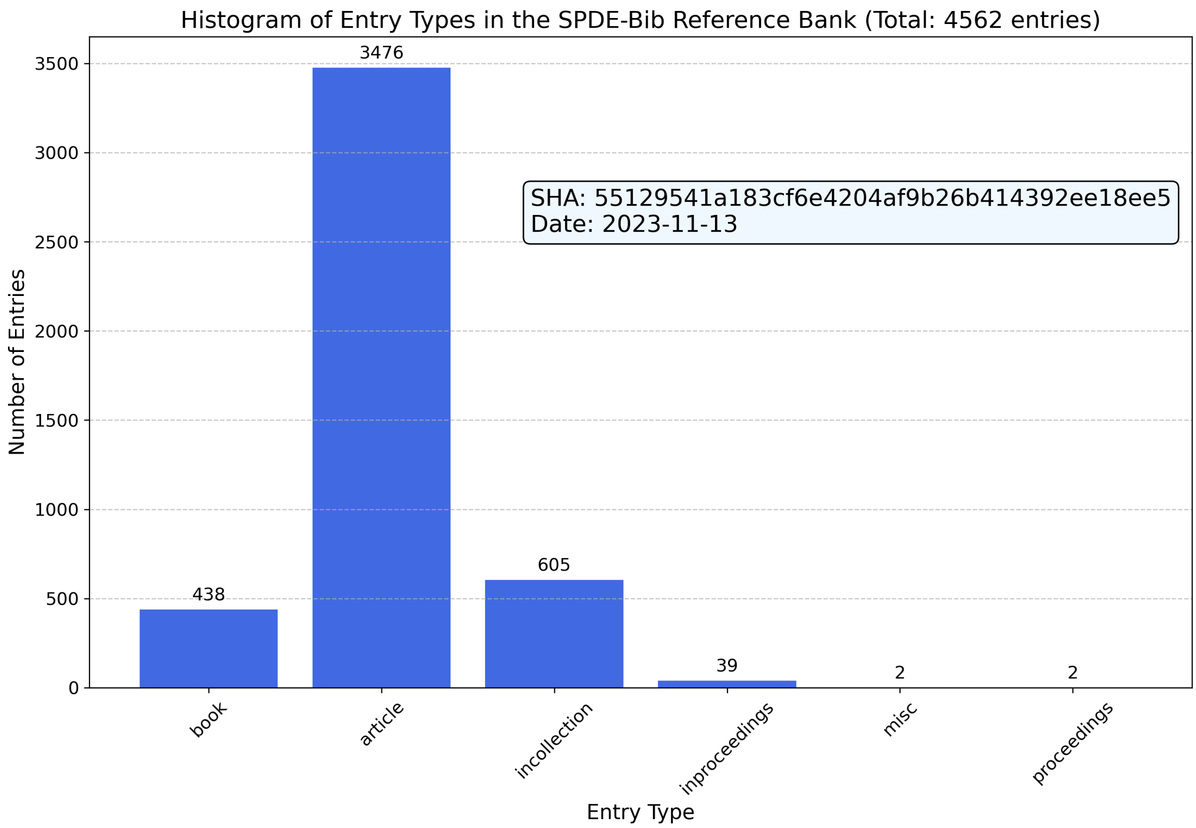

*https://github.com/chenle02/SPDEs-Bib

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Contents

1 Introduction

1.1 Motivation

When writing a paper, it is not an easy task to keep the bibliography part correct and updated. This process is also very time-consuming. Through this repo, we provide a uniform access to the latest bibliography entries related to the research area of the author: *Stochastic Partial Differential Equations* (SPDEs) and related fields.

1.2 Sources

Here is a reference bank. The biblatex entries were mostly obtained from

https://mathscinet.ams.org/mathscinet

for the published mathematics papers and from the *arXiv* for the preprint. Some physics papers are obtained from

https://journals.aps.org/search/

For papers that do not originate from the aforementioned sources, we endeavor to retrieve the bibliography entry directly from the official journal website to ensure maximum accuracy of the records.

1.3 Naming convention

The naming convention consists of three cases:

1. Single authored paper, such as:

   Einstein, Albert. Random PDE for special relativities. *Annals of Probability*, Volume, Number, 2023.

   einstein:23:random

2. Paper with two authors, such as:

   Einstein, Albert and Grothendieck, Alexandre. A stochastic PDE model for general relativities. *Electronic Journal of Probability*, Volume, Number, 2024.

   einstein.grothendieck:24:stochastic

3. Paper with more than two authors, such as:

   Einstein, Albert and Grothendieck, Alexandre and Newton, Isaac. A private communication on interemittency. *Transactions of AMS*, Volume, Number, 2025.

   einstein.grothendieck.ea:25:private

Here is a demonstration how to use it in neovim:

https://asciinema.org/a/596819.

1.4 How to contribute

We strive for accuracy and comprehensiveness in this bibliography bank. If you encounter any errors, typos, or issues, or if you would like to suggest additional entries, we warmly welcome your input. Your contributions are invaluable to the enhancement of this resource. Please feel free to open an issue in the repository or reach out directly via email (chenle02@gmail.com) for any such matters. We aim to address all feedback promptly.

1.5 Acknowledgments

We hope that the resources compiled in this bibliography bank have been supportive in your research endeavors. We are sincerely grateful for any form of acknowledgment you might extend. Should you wish to mention this work, a statement such as the one below could be included in your acknowledgments section or as a footnote:

> The author(s) would like to recognize the contribution of the GitHub repository chenle02/SPDEs-Bib curated by Le Chen, which has supported this research.

Or, if you prefer to directly cite this repository, please feel free to use the following BibTeX entry:

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  title        = {SPDEs-Bib: A Comprehensive Bibliography of
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                  and Related Topics},
  year         = {2022},
  publisher    = {GitHub Repository},
  howpublished = {\url{https://github.com/chenle02/SPDEs-Bib}},
  note         = {Accessed: 11/11/2023, V1.0},
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2 All references listed by the citation keys

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3.4 In collections

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