Journal Clubs

Mathematical Biology

The Mathematical Biology Journal Club (MBJC) is a group of students and faculty in mathematics, biological and physical sciences, medicine, as well as engineering who are interested in the interface of biology, medical science, and mathematics. MBJC meets once a week and encourages participants to explore topics of common interest.

Mathematical Ecology

The Mathematical Ecology Journal Club (MEJC) is a group of students and faculty in applied mathematics, biology, and quantitative ecology and resource management who are interested in the mathematical aspects of ecology and resource management. MEJC meets once a week and encourages participants to explore topics of common interest.

Mathematical Finance

The Mathematical Finance club meets weekly to discuss selected research journal articles related to mathematical finance. The club is aimed towards anyone interested in the field, from advanced undergraduates to professors. There is currently no registration required. More information may be found here.

Mathematical Methods Journal Club

The Mathematical Methods Journal Club meets weekly to discuss problems in different application areas (often, but not always water waves) using a large variety of methods, both analytical and numerical. The discussions are centered around a presentation by one speaker. Frequently, these speakers are group members (students, postdocs or faculty), but occasionally outside speakers present, either in person or online. Some Journal Club participants are affiliated with Seattle University, and occasionally the presentations take place there. Otherwise they are in Lewis 208 (Wan Conference Room) on the UW campus. A variety of snacks is always present. All are welcome to attend. UW Students wishing to register should contact Bernard Deconinck for more information.

Numerical Analysis Research Club

The Numerical Analysis Research Club (NARC) at the University of Washington meets once a week for a combination of seminars, student presentations and research discussions. Anyone interested in numerical analysis or scientific computing is welcome to attend.

The goals of the Numerical Analysis Research Club are to:

- Provide a forum to discuss recent journal articles and pre-prints on interesting topics in numerical analysis or scientific computing, especially on topics related to our research. Students not yet actively involved in their own research projects can consider leading such discussions as a way to learn about interesting problems and explore some possibilities. Looking through the contents of recent issues of journals in this area may provide ideas for topics, e.g. those listed here.
- Provide an informal atmosphere for students, postdocs, and faculty to practice talking about their research, get feedback and suggestions, and keep others informed about what they are doing.
• Provide a forum for researchers from around campus or elsewhere to present interesting computational results or get advice on the algorithms they are using.

You are encouraged to subscribe to NA-Digest for weekly news on numerical analysis.

Some journals containing papers suitable for discussion.

UWNARC mailing list: Sign up here for email or to view recent discussions.

Calendar for NARC

Random Matrix Journal Club
The Random Matrix Journal Club (RMJC) meets once a week to discuss developments in random matrix theory from both an applied and theoretical perspective. A specific focus is on connections to orthogonal polynomials, Riemann–Hilbert problems, stochastic processes, matrix analysis and differential equations with applications to numerical linear algebra, data science, transportation statistics and other applied areas.

Theoretical Neuroscience
The Theoretical Neuroscience Journal Club (TNJC) is a group of students and faculty in applied mathematics, biology, and neurobiology who are interested in theoretical neurobiology. TNJC meets once a week and encourages participants to explore topics of common interest.

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