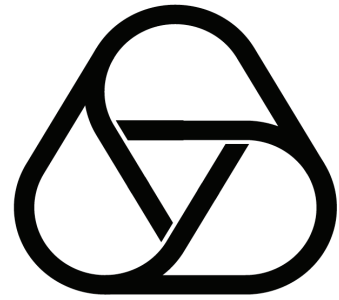


# ORMS - Oberwolfach References on Mathematical Software



- find software for your problem
- enter your own software
  
- provided by the  
Mathematisches Forschungsinstitut Oberwolfach
- funded by the DFG
- international advisory board

The Oberwolfach References on Mathematical Software (ORMS) is a web-interfaced collection of information and links on mathematical software. It presents carefully selected software, including general purpose software systems, teaching software, and more specialized packages up to specific implementations on particular mathematical research problems. The intention of the project is to initiate the development of a permanent provider of infrastructure. It aims to cover all mathematical software.

ORMS offers a choice of retrieval functions, for example, searching via browsing through a mathematical classification scheme, a structured key word search, and a full text search in the description of the software systems.

The ORMS project is directed and coordinated by Gert-Martin Greuel. Responsible for support and development is Michael Brickenstein. The infrastructure is provided by the Mathematisches Forschungsinstitut Oberwolfach.

The Scientific Advisory Board consists at the moment of

- Arjeh Cohen (computational algebra, Lie groups, OpenMath)
- Iain S. Duff (numerical linear algebra, sparse matrices)
- Wolfgang Härdle (statistics, econometrics)
- Michael Joswig (Geometric combinatorics, polyhedral computation, computational geometry, discrete and linear optimization)
- Erich Kaltofen (Straight-line program/black-box representation, symbolic linear algebra, symbolic-numeric computation, generic software)
- Nobuki Takayama (computational algebraic analysis, integration of mathematical software systems)

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