

Chapter 1

Acknowledgements

We wish to acknowledge the direct and indirect support from the following people and organisations:

- The `EPSRC` (the UK Engineering and Physical Sciences Research Council) for their financial support.
- `MIMS`, the `Manchester Institute for Mathematical Sciences` and the `Department of Mathematics` at `The University of Manchester` for their financial support.
- Dimitry van Heesch for his brilliant `doxygen` package which we used to produce the documentation.
- `Xiaoye Sherry Li` and colleagues for developing the sparse direct solver `SuperLU` – `oomph-lib`'s default linear solver.
- `Chris Paul`, Head of Computing at `Manchester's Department of Mathematics` for keeping the machines running!
- The `Manchester Centre for Novel Computing`, for giving us access to their Silicon Graphics Origin 2000, for the early development of `oomph-lib`'s MPI routines.
- `Daoqi Yang` for his brilliant book `C++ and Object-Oriented Numeric Computing for Scientists and Engineers`.

1.1 PDF file

A [pdf version](#) of this document is available. \