Fast Iterative Solvers.
Rules for Project Work.

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Collaboration

The projects require you to write computer programs. You must submit your own implementation for grading—which can, of course, be identical to your project partner's. Although it is okay to discuss projects with your classmates and other pairs, you must not share your source code with anyone, and **never** copy code from someone else other than your partner.

Homework Submission

For each project, you will write a short report. Follow carefully the instructions given in the assignments. You must submit all source code. Moreover,

>   We don't want to have to run your code to get the answers!

Therefore, it is important that you answer all questions stated in the assignment and provide all plots or results that are requested. You must submit your work via the online course room (moodle.rwth-aachen.de). The report should be submitted in PDF format, and the source code as plain text. When you submit figures separately from your report, use a standard format (e.g. png or jpeg). Don't use proprietary formats like the MATLAB figure format. If in doubt, ask!

Programming Languages

You may use any high-level programming language for implementation (C, C++, FORTRAN). Scripting languages (Python, MATLAB) are also ok, provided you do not use intrinsic functions for complex numerical operations (such as sparse matrix-vector products, solution of linear systems, etc.). Again: When in doubt: ask! Do not use any external code or libraries unless explicitly instructed to do so.

Late Policy

Deadlines for submission are strict. The online system will shut down by the deadline for each particular project, and you will be unable to upload afterwards.