

# EXAM RESULT

GRA60353 Mathematics, 29/11/2017

## Statistics

Grade A-B	36.6%
Grade F	12.6%
Average score	66.4% (C)

## Comments

The results on the final exam were very good. Problem 1 (matrix methods) and Problem 2 (differential equations) were answered very well. Problem 3 (unconstrained optimization) and Problem 4 (constrained optimization) were also answered quite well, with a bit lower scores for the most difficult parts as expected. Problem 5 (systems of linear differential equations), which was for extra credits, were answered far better than expected. A summary of average scores are given below.

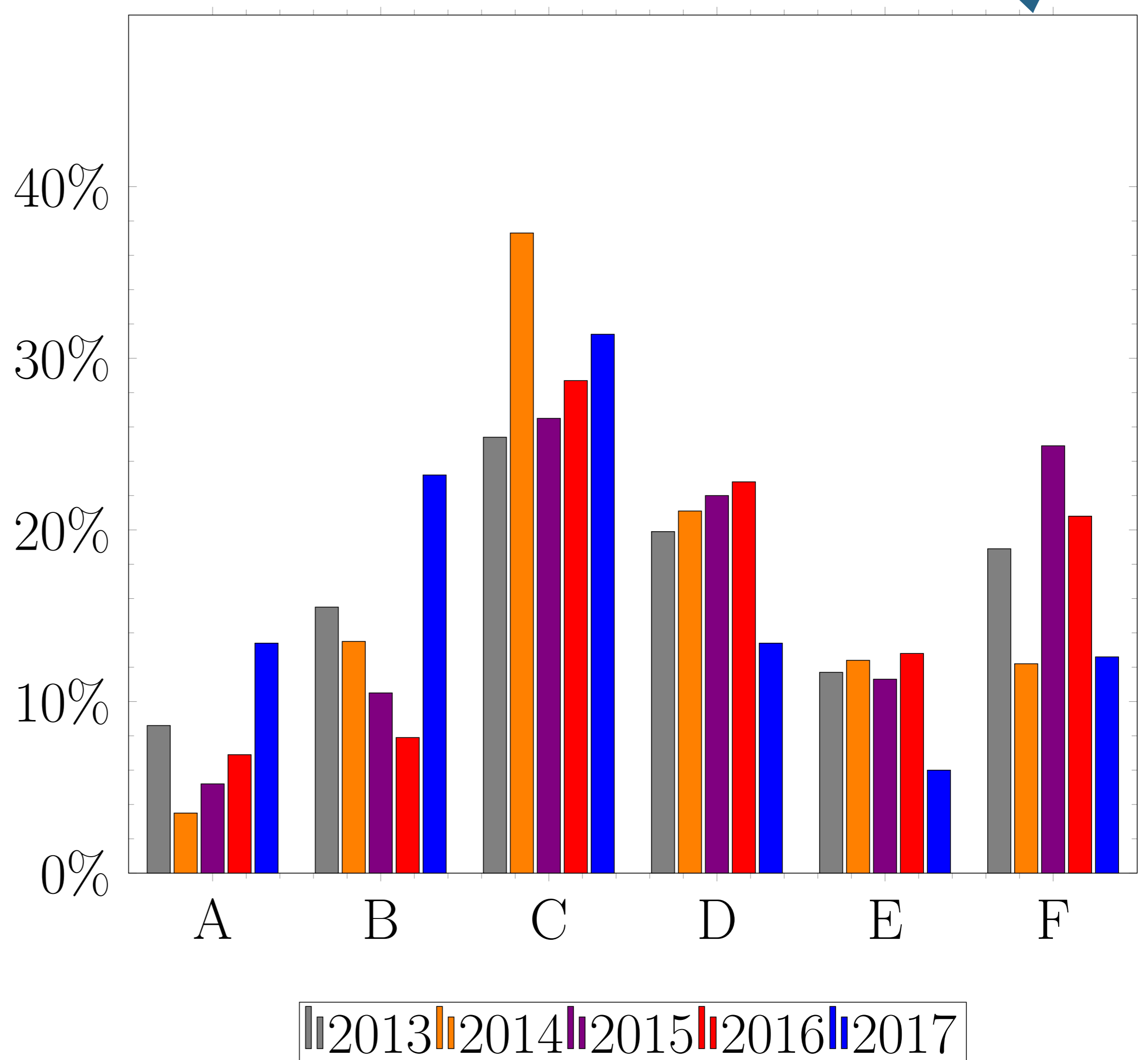
We emphasized how well methods and results are explained and justified, and the precision used, when we evaluated answers on the final exam. References to relevant theory/methods are not given in a number of cases, and answers could have been better in this regard. Correct answers without justification were given little or no score in the evaluation.

### Average score per problem

- Problem 1: a) 92% b) 86% c) 73%
- Problem 2: a) 61% b) 65% c) 67%
- Problem 3: a) 79% b) 42% c) 22%
- Problem 4: a) 80% b) 35% c) 15%
- Oppgave 5: 73% (extra credit)

Detailed solutions to the exam problems can be found at [www.dr-eriksen.no](http://www.dr-eriksen.no).

## Grade distribution



## Grading scale

