## HW 3 - Report

## General

| Total number of students | 24 |
| :--- | :--- |
| Number of submitted HW | 22 |
| Number of not submitted HW | 2 |
| Number of problems | $7+1$ |
| Average grade (without bonus for undergrads) | 86.38 |
| Standard deviation of grades | 20.25 |
| Including bonus for undergraduate students |  |
| Average grade | 94.08 |
| Standard deviation of grades | 24.32 |

## Individual problem breakdown

| Problem | P 2.119 | P 2.127 | P 2.141 | P 2.154 | P 1.82 | P 3.117 | P 4.74 | C 2.2 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average grade | 9.09 | 9.19 | 9.50 | 9.30 | 9.66 | 9.88 | 8.43 | 9.69 |
| Standard deviation of <br> grades | 1.83 | 0.37 | 1.26 | 2.04 | 0.93 | 0.35 | 1.99 | 0.68 |

## Grade distribution

HW 3


## Grade history



Submission history


Comparison with last year


## Comments

- Few students made mistakes in solving the system of equations in P2.119.
- Many students, when solving the second order algebraic inequality at the end of P2.127, either determined only one solution or did not explicitly express the stability bounds using:

$$
0 \leq \mathrm{S} \leq 0.235 \text { and } 0.765 \leq \mathrm{S} \leq 1
$$

- Some students did not calculate the stream function in P4.74.
- $50 \%$ of undergraduate students solved the comprehensive problem C2.2; almost all who attempted could solve the problem correctly.

