HW 3 – Report

<u>General</u>

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)						
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	P2.119	P2.127	P2.141	P2.154	P1.82	P3.117	P4.74	C2.2
Average grade	9.09	9.19	9.50	9.30	9.66	9.88	8.43	9.69
Standard deviation of grades	1.83	0.37	1.26	2.04	0.93	0.35	1.99	0.68



Grade distribution

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:

 $0 \le S \le 0.235$ and $0.765 \le S \le 1$

- 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.