

## REPORT ON EXAMINATIONS

### M Sc in Mathematical Modelling and Scientific Computing 2007/8

#### Part I

##### A. Statistics

##### (1) Numbers and percentages in each class/category

Class	Number				%			
	2007/8	2006/7	2005/6	2004/5	2007/8	2006/7	2005/6	2004/5
Distinction	7	9	9	5	23.3	26	33	19
Pass	22	20+1	17	20	73.3	62	63	77
Fail	1	1	0	1	3.3	3	0	4
Incomplete	0	3	1	0	0	9	4	0

##### (2) Vivas

All but two candidates were examined viva voce. One of the exceptions was a resubmission from 2006/7 who, at the suggestion of the Proctors, was examined by telephone in his home country of Malawi (at the British Council office, with supervision). The other was another candidate left over from 2006/7 who did not appear for his viva. The latter was the candidate who failed, but his thesis was so minimal that it is probable he would have failed even if he had appeared for the viva.

##### (3) Marking of scripts

Examinations were given in Weeks 0 of Hilary and Trinity Terms 2008, single-marked by assessors followed by finalization of marks by the Examiners. Special Topics and Practicals were single-marked by Assessors. All dissertations were read and marked by at least two examiners.

##### B. New examining methods and procedures

None.

##### C. Changes in examining methods etc which the examiners would wish the faculty/department and the divisional board to consider

None.

##### D. How are candidates made aware of conventions?

The conventions are posted on the course web site, and the candidates were reminded of this by email on several occasions during the year.

#### Part II

##### A. General comments on the examination

None.

### **B. Equal opportunities issues and gender breakdown**

There were 21 male and 9 female candidates; 14 males and 8 females passed; 6 males and 1 female were awarded distinctions. 1 male failed the course.

### **C. Candidates' performance in each part of the examination**

This course administers examinations internally in January and April, with each student sitting between 2 and 4 papers depending on their particular circumstances. Both sets of examinations are split into Paper A (mathematical modeling) and Paper B (numerical analysis). Both examinations went smoothly this year with a good distribution of marks between high failure and distinction ranges. Performance on the practical classes and Special Topics was generally good. The dissertations and vivas were mostly of a good standard.

### **D. Special Cases**

Removed from public version (individual candidates may be identifiable).

### **E. Names of members of the board of examiners**

Prof LN Trefethen (Chair)

Dr I Moroz

Prof E Süli

Dr M Porter

Prof SK Wilson (U. of Strathclyde, external)