## **Information: Resit Exams**

Resit test Analysis: 18.02, 8-9.30 Room BM-324

The resit exam will be for 40 points, (28 for problems, 12 for definitions&theorems).

Grading: 20-24 = 3, 25-28=3.5, 29-32=4, 33-37=4.5, 37-40=5

Problems to solve will be rather easier then before. However, you should repeat all: functions (basic properties, graphs, composite function, inverse function), derivatives and their applications (tangent line, monotonicity, extrema, concavity, l'Hospital Rule), computing indefinite and definite integrals (by substitution, by parts, by decomposing to partial fractions), applications of definite integrals to geometry, and series.

Resit exam Algebra: 21.02, 8-9.30, Room BM-324

The resit exam will be for 40 points, (28 for problems, 12 for definitions&theorems).

Grading: 20-24 = 3, 25-28 = 3.5, 29-32 = 4, 33-37 = 4.5, 37-40 = 5

Problems to learn (or repeat): complex numbers (rectangular and polar form, Moivre formula, roots, algebraic equations), operations on matrices, determinants, systems of linear equations (Cramer's Rule, Gauss-Jordan elimination), the inverse of a matrix, matrix equation, vector space eigenvalues and eigenvectors

Consultations in session time: Tuesday 8-9.30, Wednesday 8-9.30 (room E-724).

Maciej Grzesiak