**No calculators, no books or notes in the exam room.**

The final consists of 10 problems. Each of the problems carries a weight of 5 points.

Problems 1, 2 and 10 will deal with solutions of systems of equations, matrices, rank, inverse of a matrix, determinant, adjugate.

Problem 3 is on eigenvalues, diagonalization and linear recurrences.

Problems 4 and 8 deal with complex numbers.

Problems 5, 6 and 4 are on planes lines vertices in three dimensional space and distances between them.

Problem 9 is on linear transformations.