

Mini-Project

You are asked to write a program and run it to provide examples or verify some properties from the course. You have the freedom to use any language or system but It should be original. You can work with groups of at most two students.

List of topics

1. Lagrange Interpolation
2. Bezier curves
3. B-splines
4. Multivariate division algebras
5. Groebner basis
6. Algebraic varieties and ideals
7. Similar Matrices and trigonalization/diagonalization
8. Sparse Matrices
9. Measures in Statistics