

Projecte 11

Computing basic overconstrained intersections

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1. Write a report on the Least Squares method. State your conclusions concerning the fields where the method is thoroughly used.
2. Using the Least Squares method, build a library including functions to solve, at least, the following overconstrained problems
 - (a) Common point of at least three different straightlines in a 2D space.
 - (b) Common point of at least four different straightlines in a 3D space.
 - (c) Common point of at least four different planes in a 3D space.
3. Write a program to test your functions.