

《Computer-Aided Geometric Design》

Assignment 2

September 24, 2024

Assignment:

Write a program for the user to edit planar Bézier curves interactively.

Requirements:

1. Implement the recursive de Casteljau algorithm;
2. Implement the algebraic method based on Bernstein basis functions;
3. Provide interactive editing of Bézier curves through control polygons.

Submission requirements: :

1. Relevant Matlab/Python/C++ code and experimental report.

Deadline: evening of October 6, 2024