MAI520 Computational geometry 2003

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Litterature J.O'Rourke: Computational Geometry in C, 2nd ed,
Cambridge University Press.
Additional material will be handed out during the course

Contents Chapter 1 – 6 in O'Rourke's book and parts of the handed out material:
Polygon Triangulations, Polygon Partitioning, Convex Hulls,
Voronoi Diagrams – Delaunay Triangulations, Arrangements
(Duality, Davenport-Schinzel Sequences), Algorithms

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Schedule Monday 13.15-15 in room KS1 (Chemistry building)
Friday 8.00-9.45 in room KS1 (Chemistry building)

Examination The course is finished by a written or oral exam. The form of the examination will be decided after a discussion with the students. There will be three homework assignements, that will give partial credit in the exam, but no computer project.