



Carnegie Mellon University

School of Architecture

College of Fine Arts, CFA 201

Carnegie Mellon University

Pittsburgh, PA 15213

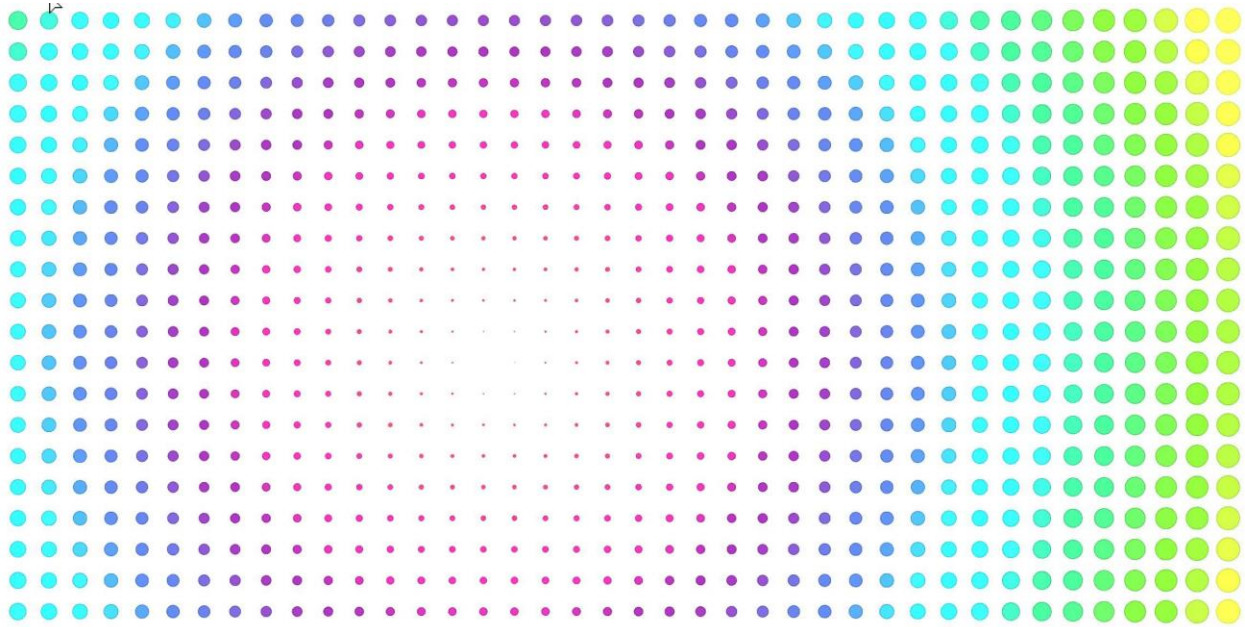


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62-225/48-783: Generative Modeling

Units: 9 Units

Instructor: Joshua Bard

This course introduces students to the fundamentals of generative modeling using computer aided design as practiced in the field of architecture. Core competencies will be developed through modeling projects, software intensive labs, and recitations. Students will be encouraged to understand and apply algorithmic problem solving to the many design constraints encountered in architecture. Emphasis will be placed on careful consideration of digital mediums and developing a sense of craft related to digital modeling in the hope that students will become conscientious makers and consumers of digital content.