Curriculum Vitae

Wenming Wu, June 2016

wwming@mail.ustc.edu.cn

USTC, University of Science and Technology of China

Personal Information

- Name: Wenming Wu
- Gender: Male
- Date of Birth: February 28, 1992
- Place of Birth: Anqing City, Anhui Province, P.R. China
- Mailing Address: University of Science and Technology of China, School of Mathematical Sciences, Jinzhai Road 96, Hefei City, Anhui Province, P.R. China
- Mobile Phone: +86 13965066302
- Languages: Chinese, English

Education

- University of Science and Technology of China, master student, School of Mathematical Sciences, since Sep 2015
  Major: computational mathematics
  Supervisor: Prof. Ligang Liu
- Anhui University, Bachelor of Science, School of Mathematical Sciences, Sep 2011—Jul 2015
  Major: statistics

Main Courses

Undergraduate Courses:

Mathematical Statistics/Stochastic Process/Advanced Theory of Probability

Complex Variable Function/Real Variable Function/Functional Analysis

Combinatorial Mathematics/Differential Geometry/Differential Manifold

Graduate Courses:

The Spline Function And The Approximation Theory/CAGD/

Digital Image Process/Digital Geometry Process

Skills

- C, C++; Windows programming platform
- 3D Graphics & Image: OpenGL, Qt, Pov-Ray, OpenMesh, OpenCV
- Numerical & Symbol Computation: Matlab, Mathematica, Eigen
- Software: Photoshop, 3D Max, OpenSCAD…
- basic knowledge of machine learning

Undergraduate graduation thesis

Title: Development of Maze Toys Based on 3D Modeling Technology

Supervisor: Prof. Ligang Liu

Description: 3D maze achieves a higher level in terms of complexity and interesting. By improving

the random generation algorithm of 2D maze, the concept of loop maze and the formula of complexity of the maze are proposed in this paper. Then we present a 3D maze's design algorithm based on the quadrilateral mesh surfaces. This approach mainly consist of three procedures…

Scholarships and Awards

- Nov 2012   the first prize of Anhui University Scholarship
- Nov 2013   the first prize of Anhui University Scholarship
- Dec 2013   the third prize of National College Students' Mathematical Contest in Anhui
- Nov 2014   the National Motivational Scholarship
- Mar 2015   the Outstanding Graduate in Anhui University

Conference Activities

Computer Mathematics in China, 2015