

Scientific Visualisation

Contributed by Kim Lester
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Scientific Visualisation

Datafusion are pleased to release the PDFs of their lecture series presentation on Scientific Visualisation, this was originally taught as a popular subject to science students at The University of Sydney.

These lectures form part of a larger course in the subject.

Lecture 1 - Introduction

Lecture 2 - Background and Graphing

Lecture 3 - Technical Concepts and Meshes

Lecture 5 - Data

Lecture 6 - Basic Scalar Techniques

Lecture 7 - Image Processing (Introduction)

Lecture 8 - Perception and Colour

Lecture 9 - Volume Rendering

Lecture 10 - Basic Vector Techniques

Lecture 11 - Data Issues

Lecture 12 - Interaction/Probing

Lecture 13 - Introduction to Animation

Lecture 14 - Geometric Modelling

Lecture 17 - Video Production

Lecture 18 - Presentation and Output

Lecture 20 - The Future

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