



Mapping and Visualization with SuperCollider

By Marinos Koutsomichalis

Packt Publishing. Paperback. Condition: New. 222 pages. Dimensions: 9.2in. x 7.5in. x 0.6in. Create interactive and responsive audio-visual applications with SuperCollider Overview Master 2D computer-generated graphics and animation Perform complex encodings and audiodata analysis Implement intelligent generative audio-visual systems In Detail SuperCollider is an environment and programming language used by musicians, scientists, and artists who work with audio-files SuperCollider has built-in graphical features which are used in conjunction with the sound synthesis server to create audio-visual mapping and sound visualization. If you wish to create data visualizations by acquiring data from audio and visual sources, then this book is for you. Digital sound artists need to analyze, manipulate, map, and visualize data when working on a scientific or an artistic project. As an artist, this book, by means of its numerous code examples will provide you with the necessary knowledge of SuperColliders practical applications, so that you can extract meaningful information from audio-files and master its visualization techniques. This book will help you to prototype and implement sophisticated visualizers, sonifiers, and complex mappings of your data. This book takes a closer look at SuperCollider features such as plotting and metering functionality to dispel the mysterious aura surrounding the more advanced mappings...



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