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professionals taking better early-stage design decisions.

Spacemaker Proposes AI-Powered Generative Design to Create ... Hello and welcome to Generative Design, Creative Coding on the Web. Here, you will find all of the sketches from the book and their associated code. Run the Page 20/32

sketches directly in the browser with the p5.js-web-editor or locally on your machine by downloading the code package below.
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Sketches P.1. Color

Generative Design
A great book on
generative design or
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creative coding. It serves well as introduction to the javabased language/library Processing, with which all examples in the book have been produced. The book features an interesting mix of different kinds of visualizations including 2D and 3D animations. Agent-based automation, particle Page 22/32

systems, image manipulation, color, visualization of text and data.

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German, English,
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Verlag Hermann Schmidt in 2009. This book has emerged from the diploma thesis "Generative Systeme", conducted by Laub and Groß at Hochschule für Gestaltung Schwäbisch Gmünd.

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revolutionary new method of creating artwork, models, and animations from sets of rules, or algorithms. By using accessible programming languages such as Processing, artists and designers are producing extravagant, crystalline structures that can form the basis of anything from patterned textiles and Page 25/32

typography to lighting, scientific diagrams, sculptures, films, and even fantastical buildings.

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artwork, models, and animations\_with programmed algorithms, has in recent years become a popular tool for designers. By using simple languages such as JavaScript in p5.js, artists and makers can create everything...

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Opening with a gallery of thirty-five illustrated case studies, Generative Design takes users through specific, practical instructions on how to create their own visual experiments by combining simple-touse programming codes with basic design principles.

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Guide books
Generative Design:
Visualize, Program, and
Create with Processing
by Benedikt Gross,
Hartmut Bohnacker and
Julia Laub (2012,
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a full-blown design and
prototyping tool used
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for large-scale installation work. motion graphics, and complex data visualization. Examples of Processing usages can be found on https:// processing.org/exhibitio n/ The latest version of Processing can be downloaded at . http://pr ocessing.org/download. 2. Sketching. A Processing program is Page 31/32

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