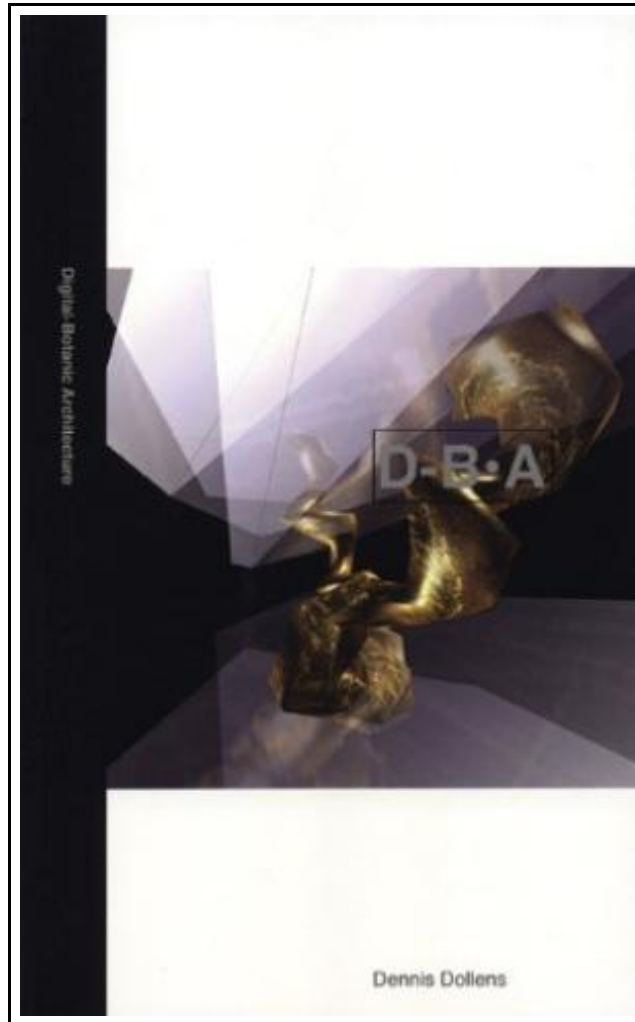# Digital-Botanic Architecture: D-B-A

Filesize: 9.54 MB

Reviews

A must buy book if you need to adding benefit. It is really simplified but shocks in the 50 percent of the pdf. I found out this pdf from my i and dad recommended this publication to learn.
(Zetta Armstrong III)

DIGITAL-BOTANIC ARCHITECTURE: D-B-A

Lumen Books. Paperback / softback. Book Condition: new. BRAND NEW, Digital-Botanic Architecture: D-B-A, Dennis Dollens, "Digital-Botanic Architecture" ("D-B-A") explores physical as well as digital design and architecture based on biological forms-especially plant morphology. Fusing Leibniz's eighteenth-century metaphysic with Richard Dawkins' twentieth-century theory of the meme, "D-B-A" simultaneously interweaves Louis Sullivan's "botanic architecture," as developed in his "A System of Architectural Ornament," with current design, contending that architecture is a waylaid biological extension of its builders-an extended phenotype, as Dawkins would call it. Dollens also explores the use of software such as Xfrog in order to grow building elements using the software's botanic algorithms. In his own work he designs hypothetical structures and building-skins that are realized in digital models, physical stereolithographic models, graphics, and animations: for example, his 2004 spiral bridge (influenced by a seedpod's spiraling flight and by the biological lattice of the sponge, Euplectella). "D-B-A" also considers the work and theory of Duncan Brown's experimental game spaces and digital architecture. And to this discussion Dollens adds consideration of stem cell sculptures as they relate to the potential for growing buildings and their impact on the larger idea of growing architecture. "D-B-A" thus carries Dollens' investigations well beyond his previous studies-"Exodesic," "The TumbleTruss Project," "D2A: Digital to Analog," and "Genetic Architectures / Arquitecturas GenA(c)ticas" (with Ignasi PA(c)rez Arnal and Alberto EstA(c)vez)-to illustrate the hybridizing of philosophical, theoretical, and computational thought and practice in digital design and architecture.

Read Digital-Botanic Architecture: D-B-A Online

Download PDF Digital-Botanic Architecture: D-B-A

Related PDFs

You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the...

[Download eBook »](#)

George Washington's Mother

Penguin Putnam Inc. Paperback / softback. Book Condition: new. BRAND NEW, George Washington's Mother, Jean Fritz, DyAnne DiSalvo-Ryan, The All Aboard Reading series features stories that capture beginning readers' imagination while developing their vocabulary and...

[Download eBook »](#)

Frances Hodgson Burnett's a Little Princess

Penguin Young Readers Group. Paperback / softback. Book Condition: new. BRAND NEW, Frances Hodgson Burnett's a Little Princess, Deborah Hautzig, N/A, Natalie Carabetta, The All Aboard Reading series features stories that capture beginning readers' imagination...

[Download eBook »](#)

DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks

DK Publishing (Dorling Kindersley). Paperback / softback. Book Condition: new. BRAND NEW, DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks, Andrew Donkin, Linda Martin, From blizzards and glaciers on the world's...

[Download eBook »](#)

Mom Has Cancer!

Barron's Educational Series. Paperback / softback. Book Condition: new. BRAND NEW, Mom Has Cancer!, Jennifer Moore-Mallinos, Marta Fabrega, The sensitively written " Letas Talk About It Books " encourage preschool-age and early-grades children to explore...

[Download eBook »](#)