



Metacreation: Art and Artificial Life

By Mitchell Whitelaw

MIT Press Ltd, United States, 2006. Paperback. Book Condition: New. 216 x 142 mm. Language: English . Brand New Book. Artificial life, or a-life, is an interdisciplinary science focused on artificial systems that mimic the properties of living systems. In the 1990s, new media artists began appropriating and adapting the techniques of a-life science to create a-life art; Mitchell Whitelaw's Metacreation is the first detailed critical account of this new field of creative practice. A-life art responds to the increasing technologization of living matter by creating works that seem to mutate, evolve, and respond with a life of their own. Pursuing a-life's promise of emergence, these artists produce not only artworks, but generative and creative processes: here creation becomes metacreation. Whitelaw presents a-life art practice through four of its characteristic techniques and tendencies. Breeders use artificial evolution to generate images and forms, in the process altering the artist's creative agency. Cybernatures form complex, interactive systems, drawing the audience into artificial ecosystems. Other artists work in Hardware, adapting Rodney Brooks's bottom-up robotics to create embodied autonomous agencies. The Abstract Machines of a-life art de-emphasize the biological analogy, using techniques such as cellular automata to investigate pattern, form and morphogenesis. In...



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