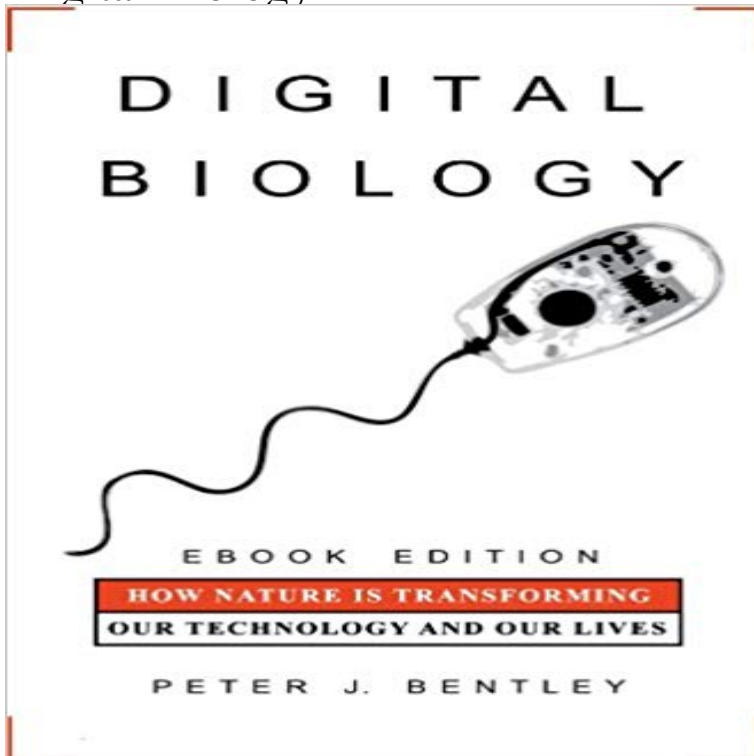


# Digital Biology



Imagine a future world where computers can create universes - digital environments made from binary ones and zeros. Imagine that within these universes there exist biological forms that reproduce, grow, and think. Imagine plantlike forms, ant colonies, immune systems, and brains, all adapting, evolving, and getting better at solving problems. Imagine if our computers became greenhouses for a new kind of nature. Just think what digital biology could do for us. Perhaps it could evolve new designs for us, detect fraud using digital neurons, or schedule problems with ants. Perhaps it could detect hackers with immune systems or create music from digital seashells. Perhaps it would allow our computers to become creative and inventive. Now stop imagining. The updated eBook Edition of Digital Biology by Peter J. Bentley is an intriguing glimpse into the future of technology. Written in accessible, nontechnical language, the book explains how cutting-edge computer science will shape our world.

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