

1. Record Nr.	UNINA9910790348203321
Autore	Loukissas Yanni A (Yanni Alexander)
Titolo	Co-designers : cultures of computer simulation in architecture // Yanni Alexander Loukissas
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York, N.Y. : , : Routledge, , 2012
ISBN	1-136-33682-6 1-280-77700-1 9786613687395 0-203-12306-9 1-136-33683-4
Descrizione fisica	1 online resource (160 p.) : ill
Disciplina	720.285
Soggetti	Architecture and technology Computer simulation Architectural design Architectural practice
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (pages 135-139) and index.
Nota di contenuto	1. Introducing the electronic brain -- 2. Cultures of simulation -- 3. "Special men" and universal machines -- 4. How do simulations know? -- 5. Towards a pluralistic formalism -- 6. Designers in dialog -- 7. Human, machine, and enviroment.
Sommario/riassunto	"Designers employ a variety of tools and techniques for speculating about buildings before they are built. In their simplest form, these are personal thought experiments. However, embracing advanced computer simulations means engaging a network of specialized people and powerful machines. In this book, Yanni Alexander Loukissas demonstrates that new tools have profound implications for the social distribution of design work; computer simulations are technologies for collective imagination. Organized around the accounts of professional designers engaged in a high-stakes competition to redefine their work for the technological moment, this book explores the emerging cultures of computer simulation in architecture. Not only architects, but acousticians, fire safety engineers, and sustainability experts see

themselves as co-designers in architecture, engaging new technologies for simulation in an evolving search for the roles and relationships that can bring them both professional acceptance and greater control over design. By illustrating how practices of simulation inform the social relationships and professional distinctions that define contemporary architecture, the book examines the cultural transformations taking place in design practice today"--Provided by publisher.
