Design Futuring Sustainability Ethics And New Practice

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Handbook of Ethics, Values, and Technological Design
The Virtuous Circle
Politics of the Everyday
Black Quantum Futures
Swarm I Use No Art at All
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Design Anthropology
Biomimicry for Designers
Design Futuring
Sustainable Social Sustainability, Past and Future
Resettlement Challenges for Displaced Populations and Refugees
Smart Sustainable Cities of the Future
Design and Design
As the Fourth Turning: The Rise of the Interconnected age comes to an end, it sets the foundation for the postmodern design philosophy
Design Futuring and Anthropology
Design and the Question of History
Design Activism
Evolution Science and Ethics in the Third Millennium
Eco Fashion Design, Ecology, Politics
A New Design Philosophy: Design Futuring Future Ethics Design as Politics
Green Graphic Design
Radical Hope
Sustainable Environment, Ethics and Cultures
Food futures: ethics, science and culture
Design, Ecology, Politics links social and ecological theory to design theory and practice, critiquing the ways in which the design industry perpetuates unsustainable development.
Boehnert argues that when design does engage with issues of sustainability, this engagement remains shallow, due to the narrow basis of analysis in design education and theory.
The situation is made more severe by design cultures which claim to be apollitical. Where design education fails to recognise the historical roots of unsustainable practice, it reproduces old errors.
New ecologically informed design methods and tools hold promise only when incorporated into a larger project of political change.
Design, Ecology, Politics describes how ecological literacy challenges many central assumptions in design theory and practice.
By bringing design, ecology and socio-political theory together, Boehnert describes how power is constructed, reproduced and obfuscated by design in ways which often cause environmental harms.
She uses case studies to illustrate how communication design functions to either conceal or reveal the ecological and social impacts of current modes of production. The transformative potential of design is dependent on deep-reaching analysis of the problems design attempts to address.
Ecologically literate and critically engaged design is a practice primed to facilitate the creation of viable, sustainable and just futures.
With this approach, designers can make sustainability not only possible, but attractive.
Design makes a considerable impact on the produced world in terms of usability, resources, understanding, and priorities.
What we produce, how we serve customers and other stakeholders, and even how we understand how the world works is all affected by the design of models and solutions.
Designers have an unprecedented opportunity to use their skills to make meaningful, sustainable change in the world—"if they know how to focus their skills, time, and agendas.
In Design is the Problem: The Future of Design Must Be Sustainable, Nathan Shedroff examines how the endemic culture of design often creates unsustainable solutions, and shows how designers can bake sustainability into their design processes in order to produce more sustainable solutions.
Food is at the centre of human existence.
We eat every day, not only to satisfy our physical needs but also as part of cultural and social interaction.
Food choices and markets shape the agricultural landscape and the cities we live in.
Whereas what we choose to eat and feed our family is part of who we are, a growing number of actors compete to influence our food habits, through marketing strategies and nutritional advice.
Food ethics are considerations that are coupled with every choice over food—whether related to production, distribution, consumption, food waste, policy in general, marketing or advice.
Given the variety of implications the ‘food problem’ entails, the construction of an inclusive society must redirect the concerns about food in the present to the imagination of future alternatives.
The search for innovative solutions calls for multidisciplinary critical enquiry—and utopian thinking will be instrumental in that regard.
This book brings together work by scholars in a wide range of disciplines addressing many different topics related to food futures.
Topics covered include food and literature, food waste, food communication, food policy, corporate social responsibility and public procurement in food supply, responsible research and innovation in food production as well as sustainability and animal ethics and welfare.
Sustainability is now a buzzword both among professionals and scholars.
However, though climate change and resource depletion are now widely recognized by business as major challenges, and while new practices like ‘green design’ have emerged, efforts towards change remain weak and fragmented.
Exposing these limitations, Design Futuring systematically presents ideas and methods for Design as an expanded ethical and professional practice.
Design Futuring argues that responding to ethical, political, social and ecological concerns now requires a new type of practice that recognizes design’s importance in overcoming a world made unsustainable.
Illustrated throughout with international case material, Design Futuring presents the author’s ground-breaking ideas in a coherent framework, focusing specifically on the ways in which concerns for ethics and sustainability can change the practice of Design for the twenty-first century.
Design Futuring - a pathfinding text for the new era - extends far beyond Design courses and professional practice, and will also be invaluable to students and practitioners of Architecture, the Creative Arts, Business and Management.
A New Design Philosophy: An Introduction to Defuturing will profoundly offer a challenging archaeology of how the worlds we inhabit have been made unsustainable, and then makes available the mental potential to radically change design thinking.
Design and Anthropology challenges conventional thinking regarding the nature of design and creativity, in a way that acknowledges the improvisatory skills and perceptual acuity of people.
Combining theoretical investigations and documentation of practice based experiments, it addresses methodological questions concerning the re-conceptualisation of the relation between design and use from both theoretical and practice-based positions.
Concerned with what it means to draw ‘users’ into processes of designing and producing this book emphasises the creativity of design and the emergence of objects in social situations and collaborative endeavours.
Organised around the themes of perception and the user-producer, skilled practices of designing and using, and the relation between people and things, the book contains the latest work of researchers from academia and industry, to enhance our understanding of ethnographic practice and develop a research agenda for the emergent field of design anthropology.
Drawing together work from anthropologists, philosophers, designers, engineers, scholars of innovation and theatre practitioners, Design and Anthropology will appeal to anthropologists and to those working in the fields of design and innovation, and the philosophy of technology and engineering.
Presenting the story of Plenty Coup, the last great Chief of the Crow Nation.
This title contains a philosophical and ethical inquiry into a people faced with the end of their way of life.
This publication aims to provide a source of inspiration for students, designers and companies, and all stakeholders whose interest lies in the area of sustainable fashion.
The book presents approaches to fashion that embrace future-oriented value.
Several chapters illustrate how effective fashion can be as transformative design or change agent experiment.
A sustainable approach can also reframe current business thinking and reveal opportunities for innovative business strategies.
Sustainable Fashion proposes how we can make positive change in current practices and how to effect new mindsets, creating transformation in fashion.
This book is intended to help explore the field of smart sustainable cities in its complexity, heterogeneity, and the many dimensions of the topic such as the interconnections of the built and human environment, and the quality of urban life in an increasingly computerized and urbanized world.
Indeed, sustainable urban development is currently at the center of debate in light of several ICT visions becoming achievable and deployable computing paradigms, and shaping the way cities will evolve in the future and thus tackle complex challenges.
This book integrates computer science, data science, complexity science, sustainability science, system thinking, and urban planning and design.
As such, it contains innovative computer–based and data–analytic research on smart sustainable cities as complex and dynamic systems.
It provides applied theoretical contributions fostering a better understanding of such systems and the synergistic relationships between the underlying physical and informational landscapes.
It offers contributions pertaining to the ongoing development of computer–based and data science technologies for the processing, analysis, management, modeling, and simulation of big and context data and the associated applicability to urban systems that will advance different aspects of sustainability.
This book seeks to explicitly bring together the smart city and sustainable city endeavors, and to focus on big data analytics and context-aware computing.
specifically. In doing so, it amalgamates the design concepts and planning principles of sustainable urban forms with the novel applications of ICT of ubiquitous computing to primarily advance sustainability. Its strength lies in combining big data and context–aware technologies and their novel applications for the sheer purpose of harnessing and leveraging the disruptive and synergistic effects of ICT on forms of city planning that are required for future forms of sustainable development. This is because the effects of such technologies reinforce one another as their efforts for transforming urban life in a sustainable way by integrating data-centric and context–aware solutions for enhancing urban systems. While the former chapter presented a coordinated and comprehensive book that explores the nature of design, academia industry, and policymaking. It provides the necessary material to inform relevant research communities of the state–of–the–art research and the latest development in the area of smart sustainable urban development, as well as a valuable reference for planners, designers, strategists, and ICT experts who are working towards the development and implementation of smart sustainable cities based on big data analytics and context–aware computing.Black Quantum Futurism (or BQF) is a new approach to living and experiencing reality by way of the manipulation of space-time in order to see into possible futures, and/or collapse space-time into a desired future in order to bring about that future’s reality. This vision and practice derives its facets, tenets, and qualities from quantum physics, futurist traditions, and Black/African cultural traditions of consciousness, time, and space. Inside of the space where these three traditions intersect exists a creative plane that allows for the three–dimensional creation of the impendine vision. Featuring visionary authors such as Rasheedah Phillips, Moor Mother Goddess, Warren C. Longmire, Almah Lavon, Joy Kmt, Thomas Stanley, PhD, and Nikitah Okembe-RA Imani, PhD.In Designs for the Pluriverse Arturo Escobar presents a new vision of design theory and practice aimed at channeling design’s world-making capacity toward ways of being and doing that are deeply attuned to justice and the Earth. Noting that most design—from consumer goods and digital technologies to built environments—currently serves capitalist ends, Escobar argues for the development of an “autonomous design” that eschews commercial and modernizing aims in favor of more collaborative and placed-based approaches. Such design attends to questions of environment, experience, and politics while focusing on the production of human experience based on the radical interdependence of all beings. Mapping autonomous design’s principles to the history of decolonial exploits of indigenous and Afro-descended people in Latin America, Escobar shows how refugig current design practices could lead to the creation of more just and sustainable social orders. Design academics and practitioners are facing a multiplicity of challenges in a dynamic, complex, world moving faster than the current design paradigm which is largely tied to the values and imperatives of commercial enterprise. Current education and practice need to evolve to ensure that the discipline of design meets sustainability drivers and equips students, teachers and professionals for the near–future. New approaches, methods and tools are urgently required as sustainability expands the context for design and what it means to be a ‘designer’. Design activists, who comprise a diverse range of designers, teachers and other actors, are setting new ambitions for design. They seek to fundamentally challenge how, where and when design can catalyse positive impacts to address sustainability. They are also challenging who can utilise the power of the design process. To date, examination of contemporary and emergent design activism is poorly represented in the literature. This book will re-vitalise the re-determination of design’s intent and provide a comprehensive study of contemporary and emergent design activism. This activism has a dual aim - to make positive impacts towards more sustainable ways of living and working; and to challenge and reinvigorate design practice,. It will collate, synthesise and analyse design activist approaches, processes, methods, tools and inspirational examples/outcomes from disparate sources and, in doing so, will create a specific canon of work to illuminate contemporary design discourse. Design Activism reveals the power of design for positive social and environmental change, design with a central activist role in the sustainability challenge. Inspired by past design activists and set against the context of global-local tensions, expressions of design activism are mapped. The nature of contemporary design activism is explored, from individual/collaborative collective action to the infrastructure that supports generational powern as a new cross–sectored approach to speculative utopias and societal transformation. This is design as a political and social act, design to enable adaptive societal capacity for co-futuring.NATIONAL BESTSELLER • “A startling vision of what the cycles of history predict for the future.”—USA Weekend Strauss and Neil Howe will change the way you see the world—and your place in it. With blazing originality, The Fourth Turning illuminates the past, explains the present, and reimagines the future. Most remarkably, it offers an utterly persuasive prophecy about how America’s past will predict its future. Strauss and Howe base this vision on a provocative theory of American history. The authors look back five hundred years and uncover a distinct pattern: Modern history moves in cycles, each one lasting about the length of a long human life, each composed of four eras—or “turnings”—that last about twenty years and that always arrive in the same order. In The Fourth Turning, the authors illustrate these cycles using a brilliant analysis of the post–World War II period. First comes a High, a period of confident expansion as a new order takes root after the old has been swept away. Next comes an Awakening, a time of spiritual exploration and rebellion against the now–established order. Then comes an Unraveling, a troubled era in which individualism triumphs over crumbling institutions. Last comes a Crisis—the Fourth Turning—when society passes through a great and perilous gateway. Together, the four turnings comprise history’s seasonal rhythm of growth, maturation, entropy, and rebirth. The Fourth Turning offers bold predictions about how all of us can prepare, individually and collectively, for America’s next rendezvous with destiny.Beyond radical design? -- Design as critique -- Consuming monsters: big, perfect, infectious -- A methodological playground: fictional worlds and thought experiments -- Physical fictions: invitations to make believe -- Aesthetics of unreality -- Between reality and the impossible -- Speculative everything. Inhalt: Today designers often focus on making technology easy to use, sexy and consumable. In this book the concept is proposed, that design is used as a tool to create not only things but ideas. Design means speculating about how things could be - to imagine possible futures. This is not the usual sort of predicting or forecasting, spotting trends and extrapolating; these kinds of predictions have been proved wrong again and again. The “what-if” questions that are intended to open debate and discussions about the kind of future people want (and do not want)."Once one understands the nature and magnitude of defuturing as the negation of world futures, how one has to account for the history and making of the material world – including design - dramatically changes. Defuturing as our condition forces the generation of a new philosophy of design.” With these thoughts this book presents a radically new understanding of the history, context and futures of designing. First published in 1999, now reissued with a new preface by the author, Defuturing: A New Design Philosophy is a prescient and powerful account of what it means to comprehend that we live in a world that is taking away futures for ourselves and non-human others. Arguing that designing is doubly implicated in this process, first in its roles in helping to create the unsustainable, but second, re-thought through the lens of defuturing, as a mode of acting in the world that can help contest the negation of the world, Defuturing transforms our comprehension of designing and of how futures can be constituted. Working not through abstract theorizing but through the analysis of concrete examples, the book uses historical material on design to expose the archaeology of defuturing. Shattering the illusion that the future simply “is”, Defuturing confronts designing with the challenge of remaking while offering the elements of a new practical reasoning of design acting. Design Futuring argues that ethical, political, social and ecological concerns now require a new type of practice which recognises design’s importance in overcoming a world made unsustainable. By using case studies in industrial design and architecture, Tony Fry exposes the limitations of existing ‘sustainable design’. This book displays and dissects the career and design motives of graphic designer Joost Grootens. In a systematic fashion it charts the first 100 books designed by Grootens over the past ten years. In the first chapter, “18,788 pages” shows at actual size a selection of spreads from books designed by Joost Grootens, including the internationally acclaimed atlas. In the text “I swear I use no art at all” Joost Grootens gives a personal account of making books and the ideas behind his designs. Design and the Question of History is not a work of Design History. Rather, it is a mixture of
mediation, advocacy and polemic that takes seriously the directive force of design as an historical actor in and upon the world. Understanding design as a shaper of worlds within which the political, ethical and historical character of human being is at stake, this text demands radically transformed notions of both design and history. Above all, the authors posit history as the generational site of the future. Blindness to history, it is suggested, blinds us both to possibility, and to the foreclosure of possibilities, enacted through our designing. The text is not a resolved, continuous, worked through one voice. Rather, the three authors cut across each other, presenting readers with the task of disclosing, to themselves, the commonalities, repetitions and differences within the deployed arguments, and in the intersections of design, anthropology, material culture, architecture, and sociology. A novel, integrated approach to understanding long-term human history, viewing it as the long-term evolution of human information-processing. This title is also available as Open Access. This handbook enumerates every aspect of incorporating moral and societal values into technology design, reflects the fact that the latter has moved on from strict functionality to become sensitive to moral and social values such as sustainability and accountability. Aimed at a broad readership that includes ethicists, policy makers and designers themselves, it proffers a detailed survey of how technological, and institutional, design must now reflect awareness of ethical factors such as sustainability, human well-being, privacy, democracy and justice, inclusivity, trust, accountability, and responsibility (both social and environmental). Edited by a trio of highly experienced academic philosophers with a specialized interest in the ethical dimensions of technology and human creativity, this syncretic handbook collates an array of published material and offers a studied, practical introduction to the field. The volume addresses myriad aspects at the intersection of technology design and ethics, enabling designers to adopt a constructive approach in anticipating, preventing, and resolving societal and ethical issues affecting their work. It covers underlying theory; discrete values such as democracy, human well-being, sustainability and justice; and application domains themselves, which include architecture, bio- and nanotechnology, and military hardware. As the first exhaustive survey of a field whose importance is characterized by almost exponential growth, it represents a compelling addition to a formerly atomized literature.

This Illuminated through international case material, Design Futuring presents the author's ground-breaking ideas in a coherent framework, focusing specifically on ways in which concerns for ethics and sustainability can change the practice of Design for the twenty-first century. Design far beyond Design and Monsters, and will also be a useful tool for design students who are looking to create and develop their own design strategies. The book is intended for designers and researchers interested in understanding the ethical and social implications of design decisions. The book is divided into four parts: Part I covers the historical context and defines the field of design ethics, Part II explores the role of design in contemporary society, Part III examines the ethical implications of design decisions, and Part IV presents case studies and examples of successful ethical design practices.

This book presents a comprehensive, integrated approach to understanding long-term human history, viewing it as the long-term evolution of human information-processing. The State of the Interior Design Profession provides an informed view of the interior design profession as it stands, challenging students and inspiring them to consider their role and responsibility in developing the profession's future. Martin and Guerin have identified 12 issues integral to the future development of the interior design profession. Renowned and emerging interior design thinkers (authors), who represent complementary and conflicting viewpoints on the same issue, have written their opinions (essays) in response to each issue. Their experiences are diverse; they have contributed to practice, industry, publication, research, education, engagement, and service--and many to several of these. Their responses reflect the currency of their opinions, thoughts, and research on the issue. Can a graphic designer be a catalyst for positive change? Green Graphic Design reframes the way designers can think about the work they create, while remaining focused on cost constraints and corporate identity. Simple, eco-innovative changes are demonstrated in all phases of the design process, including: - Picking projects - Strategizing with clients - Choosing materials for manufacture and shipping - Understanding users - Picking ink and paper for printing - Binding - Packing final products - Building strong brands - Working with clients to foster transparency and corporate social responsibility

Fully illustrated and packed with case studies of green design implementation, this reference guide more than inspires; a printing · Binding · Packing final products · Building strong brands · Working with clients to foster transparency and corporate social responsibility

In order to revitalise the interdisciplinary debate about evolutionary ethics and substantiate the idea that evolution science can provide a rational and robust framework for understanding morality, Policy makers will find information that can help them better understand from where we are even in these difficult times, a better kind of society is possible. By bringing autonomy and collaboration together, it is possible to develop new forms of design intelligence, for our own good, for the good of the communities we are part of, and for society as a whole. The book aims to revitalise the interdisciplinary debate about evolutionary ethics and substantiate the idea that evolution science can provide a rational and robust framework for understanding morality. It also traces pathways for knowledge-based choices to be made about directions for future long-term biological evolution and cultural development in view of adaptation to the expected, probable and possible future and the ecological sustainability of our planetary environment. The authors discuss ethical challenges associated with the major biosocial sources of human variation: individual variation, inter-personal variation, inter-group variation, and inter-generational variation. This book approaches the long-term challenges of the human species in a holistic way. Researchers will find an extensive discussion of the key theoretical scientific aspects of the relationship between evolution and morality. Policy makers will find information that can help them better understand from where we are coming and inspire them to make choices and take actions in a longer-term perspective. The general public will find food for thought. The State of the Interior Design Profession provides an informed view of the interior design profession as it stands, challenging students and inspiring them to consider their role and responsibility in developing the profession's future. Martin and Guerin have identified 12 issues integral to the future development of the interior design profession. Renowned and emerging interior design thinkers (authors), who represent complementary and conflicting viewpoints on the same issue, have written their opinions (essays) in response to each issue. Their experiences are diverse; they have contributed to practice, industry, publication, research, education, engagement, and service--and many to several of these. Their responses reflect the currency of their opinions, thoughts, and research on the issue. Can a graphic designer be a catalyst for positive change? Green Graphic Design reframes the way designers can think about the work they create, while remaining focused on cost constraints and corporate identity. Simple, eco-innovative changes are demonstrated in all phases of the design process, including: - Picking projects - Strategizing with clients - Choosing materials for manufacture and shipping - Understanding users - Picking ink and paper for printing - Binding - Packing final products - Building strong brands - Working with clients to foster transparency and corporate social responsibility

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making of mankind itself as indivisible. It also functions as a provocation to rethink the fate of Homo sapiens, recognising that all species are finite and that the fate of humankind turns on a fundamental Darwinian principle - adapt or die. Fry considers the nature of adaptation, arguing that it will depend on an ability to think and design in new ways. The main focus of this book is to help better understand the multidimensionality and complexity of population displacement and the role that reconstruction and recovery knowledge and practice play in this regard. According to the UN Refugee Agency (UNHCR), the total number of people forcibly displaced due to wars and conflicts, disasters, and climate change worldwide, exceeded 66 million in 2016. Many of these displaced populations may never be able to go back and rebuild their houses, communities, and businesses. This text brings together recovery and reconstruction professionals, researchers, and policy makers to examine how displaced populations can rebuild their lives in new locations and recover from disasters that have impacted their livelihoods, and communities. This book provides readers with an understanding of how disaster recovery and reconstruction knowledge and practice can contribute to the recovery and reconstruction of displaced and refugee populations. This book will appeal to students, researchers, and professionals working in the field. Unprecedented challenges await the future of the world's cities. Accelerating population pressure, climate change, food insecurity, poverty and geopolitical instability – in the face of such problems our current attempts at producing a sustainable agenda for the world's cities appear fragmented and inadequate. Fresh thinking is needed. In Remaking Cities, renowned design theorist Tony Fry brings a conceptual design perspective to the challenge of urban sustainability and resilience. In a typically far-sighted and provocative work, Fry presents ideas and actions for 'metrofitting' – a new kind of practice in architecture and urban design. Metrofitting expands the technological concept of retrofit up to the city scale, placing social, cultural, political and ethical concerns at its heart. Metrofitting is not about visionary technology, it is about transforming existing cities by combining available resources with human creativity, prompted by new thinking about new and old urban problems. It requires overcoming outmoded Eurocentric assumptions of what constitutes a city, rethinking their forms and structures, and understanding their metabolic processes and social and economic functions. This book provides conceptually strong practical approaches that will ultimately change the whole way we view cities and the way the urban future is designed. Illustrated with international case studies of metrofitting in action, Remaking Cities will provoke and stimulate debate among architects, urban designers, and anyone concerned with the urban environment and social and cultural change. The first resource in the emerging field of biomimicry targeted directly at design professionals and students. This book looks at one of the strongest trends in fashion, towards the production of desirable and well-designed apparel and accessories with a conscience. Eco Fashion shows the range of sustainable and ethical products available around the globe and explains the stories behind them, as well as showing how and where they make a difference. This is a critical time in design. Concepts and practices of design are changing in response to historical developments in the modes of industrial design production and consumption. Indeed, the imperative of more sustainable development requires profound reconsideration of design today. Theoretical foundations and professional definitions are at stake, with consequences for institutions such as museums and universities as well as for future practitioners. This is "critical" on many levels, from the urgent need to address societal and environmental issues to the reflexivity required to think and do design differently. Gold winner of the AXIOM Business Book Award in the category of Philanthropy, Non-Profit, Sustainability. Please see: http://www.axiomawards.com/77/award-winners/2017-winners Consumerism promises a shortcut to a 'better' life through the accumulation of certain fashionable goods and experiences. Over recent decades, this has resulted in a rising tide of cheap, short-lived goods produced, used and discarded in increasingly rapid cycles, along the way depleting resources and degrading environmental systems. Somebody Else's Problem calls for a radical change in how we think about our material world, and how we design, make and use the products and services we need. Rejecting the idea that individuals alone are responsible for the environmental problems we face, it challenges us to look again at the systems, norms and values we take for granted in daily life, and their cumulative role in our environmental crisis. Robert Crocker presents an overview of the main forces giving rise to modern consumerism, looks closely at today's accelerating consumption patterns and asks why older, more 'custodial' patterns of consumption are in decline. Avoiding simplistic quick-fix formulas, the book explores recommendations for new ways of designing, making and using goods and services that can reduce our excess consumption, but still contribute to a good and meaningful life. Thinking about the Future distills the expertise of three dozen senior foresight professionals into a set of essential guidelines for carrying out successful strategic foresight. Presented in a highly scannable yet personable style, each guideline includes an explanation and rationale, key steps, a case example, and resources for further study. Design as Politics confronts the inadequacy of contemporary politics to deal with unsustainability. Current 'solutions' to unsustainability are analysed as utterly insufficient for dealing with the problems but, further than this, the book questions the very ability of democracy to deliver a sustainable future. Design as Politics argues that finding solutions to this problem, of which climate change is only one part, demands original and radical thinking. Rather than reverting to failed political ideologies, the book proposes a post-democratic politics. In this, Design occupies a major role, not as it is but as it could be if transformed into a powerful agent of change, a force to create and extend freedom. The book does no less than position Design as a vital form of political action.