Inside Outside Between Architecture And Landscape

Overgrown

A timely and important search for architecture's missing women For a century and a half, women have been proving their passion and talent for building and, in recent decades, their enrollment in architecture schools has soared. Yet the number of women working as architects remains stubbornly low, and the higher one looks in the profession, the scarcer women become. Law and medicine, two equally demanding and traditionally male professions, have been much more successful in retaining and integrating women. So why do women still struggle to keep a toehold in architecture? Where Are the Women Architects? tells the story of women's stagnating numbers in a profession that remains a male citadel, and explores how a new generation of activists is fighting back, grabbing headlines, and building coalitions that promise to bring about change. Despina Stratigakos's provocative examination of the past, current, and potential future roles of women in the profession begins with the backstory, revealing how the field has dodged the question of women's absence since the nineteenth century. It then turns to the status of women in architecture today, and the serious, entrenched hurdles they face. But the story isn't without hope, and the book documents the rise of new advocates who are challenging the profession's boys' club, from its male-dominated elite prizes to the erasure of women architects from Wikipedia. These advocates include Stratigakos herself and here she also tells the story of her involvement in the controversial creation of Architect Barbie. Accessible, frank, and lively, Where Are the Women Architects? will be a revelation for readers far beyond the world of architecture.

Architecture from the Outside

Widely admired for his sophistication, creativity and exuberance, David Rockwell is one of the leading architects, interiors architects and set designers working today.
For over 30 years, he has explored his desire to imagine new worlds, to tell stories and to engage with others. This interest is rooted in his sense of play and possibility—an endless curiosity that continually drives him to ask, "What if?" What if you could step inside a crystal goblet? What if your environment transformed with every step? What if a restaurant could vanish at a moment's notice? What if your ultimate escapist fantasy was real? "What If?" presents a wide array of Rockwell's brilliant explorations of the rich intersection between architecture and theater. Through immersive imagery and behind-the-scenes details, Rockwell introduces readers to 35 projects, from initial driving idea through physical realization. Works include the famed Nobu Fifty Seven and the newcomer TAO Downtown in New York, the W Paris Opéra, the West Lobby at The Cosmopolitan in Las Vegas and the newly opened TED Theater in Vancouver; set designs for the Academy Awards, "Kinky Boots" and "Hairspray"; the Hall of Fragments at the 2008 Venice Architecture Biennale and Jamie Oliver's traveling teaching kitchen, the Food Revolution truck. Engaging texts by Tony Award-winning playwright and screenplay writer John Guare, Tony Award-winning director and producer Jack O'Brien and Pulitzer Prize-winning critic Justin Davidson—written specially for this publication—and a conversation between Rockwell and acclaimed architect Elizabeth Diller round out this spectacular, celebratory volume. David Rockwell (born 1956) is an American architect and designer. He is founder and president of Rockwell Group, an award-winning, cross-disciplinary architecture and design practice based in New York City, with satellite offices in Madrid and Shanghai, that has been named as one of Fast Company's most innovative design practices.

**Architecture From the Outside In**

Gerald tells of the very unusual animals he would add to the zoo, if he were in charge.

**Critiques of Built Works of Landscape Architecture**

The current research scenario aims for new opportunities and perspectives in divulging of scientific results. Nowadays research asks to be widely diffused and disseminated in a larger community in the effort to demonstrate its innovation and originality, so to enlarge network and obtain fund to keep working. In this context, PhD students, as part of scientific community and young researchers in training, have to understand the rule of publications to define the best strategy for the dissemination of their research. The present book, through the experiences of national and international PhD candidates, PhDs and Professors, is a contribute in the current opened debate on the most effective strategies and related tools to design specific dissemination strategies, to highlight and improve the peculiar qualities and disciplines of each research.

**Natural Ventilation for Infection Control in Health-care Settings**

**Inside the Machine**

This volume documents a broad range of project types, including convention
centers, sports arenas, performance halls, corporate headquarters, financial institutions, educational facilities, retail facilities, entertainment venues, hotels, and resorts, where the firm has blurred the boundary between interior and exterior spaces in order to achieve a human scale.

**How to face the scientific communication today. International challenge and digital technology impact on research outputs dissemination**

An outdoor room is an extension of the home—a space that can be used for entertaining, relaxing, cooking, playing, swimming, and more. In spaces large and small, outdoor rooms offer a retreat from daily life and a connection to nature. In Inside Outside, Linda O'Keeffe—former creative director of Metropolitan Home—inspires readers to create outdoor living spaces that offer an oasis of comfort and style. O'Keeffe uses the language of interior design to inform her approach to exterior design, focusing on space, structure, movement, mood, and furniture. Inside Outside is filled with private gardens from North America and Europe that are inspiring and illustrative examples. Readers will learn about the importance of structure from a garden in New York’s Hudson Valley, the role of color from a home in Santa Monica, the element of surprise from a backyard in Paris, and much more. Stylishly designed and filled with hundreds of photographs, Inside Outside is a must-have for design-obsessed homeowners and gardeners.

**Inside/outside**

A practicing architect discusses the theoretical background of modern architecture

**Land Forum**

Critiques the legacy and ongoing influence of Deleuze on the discipline and practice of architecture. This collection looks critically at how Deleuze challenges architecture as a discipline, how architecture contributes to philosophy and how we can come to understand the complex politics of space of our increasingly networked world. Since the 1980s, Deleuze's philosophy has fuelled a generation of architectural thinking, and can be seen in the design of a global range of contemporary built environments. His work has also alerted architecture to crucial ecological, political and social problems that the discipline needs to reconcile.

**Inside and Outside the Not So Big House**

From 1946 to 1973, Whitney Rowland Smith and his partner, Wayne Williams, designed more than 800 projects, from residential, commercial, and public buildings to housing tracts, multi-use complexes, and parks and master plans for cities. Working in the wake of the first generation of avant-garde architects in Southern California and riding the postwar building boom, their firm, Smith and Williams, developed a pragmatic modernism that, through remarkable planning and design, integrated landscapes with buildings and decisively shaped the modern vocabulary of architecture in Los Angeles. Through a breathtaking array of images, Outside In unveils the core of Smith and Williams’s architectural practice.
Their most influential designs, the authors show, are compositions of balanced opposites: shelter and openness, private and public, restraint and exuberance, light and shadow. Smith and Williams created spaciousness in their buildings by layering spaces and manipulating the relationship between structure and landscape. This spaciousness expressed modern ideas about the relationship of architecture to environment, of building to site, and, ultimately, of outside to in.

**Inside/Outside Islamic Art and Architecture**

The Dutch interior and landscape designer Petra Blaisse is an outstanding creator who insists on new and more ambitious roles for landscape and interior architecture. On her own and in collaboration with city planners and architects such as Tim Ronalds, SANAA/Kazuyo Sejima, Macken & Macken, OMA/Rem Koolhaas, Michael Maltzan. Blaisse intervenes in important projects in Europe, Asia and the United States. Blaisse's work challenges architecture's rigidity and severity by developing more mutable and fluid solutions, both inside and outside. This is how Blaisse turns what is often treated as an afterthought into an almost overpowering experience.

**Where Are the Women Architects?**

This book explores how psychoanalysis and architecture can enhance and increase the chances of mental 'containment', while also fostering exchange between inside and outside. The way in which psychoanalysts take care of mental suffering, and the way in which architects and city planners assess the environment, are grounded in a shared concern with the notion of 'dwelling'. It is a matter of fact that dwelling exists in a complex context comprised of both biological need and symbolic function. Psychoanalysis and architecture can work together in both thinking about and designing not only our homes but also the analyst's consulting rooms and, more generally, our therapy places. However, this is possible only if they renounce the current limited and restrictive model of this interaction, and propose one more that is more in harmony with the questions and situations that clients themselves pose.

**New York Behind Closed Doors**

Reproduction of the original: An Architect’s Note-Book in Spain by M. Digby Wyatt

**If I Ran the Zoo**

A specialist book exploring the ways graphic design is applied in buildings and places. Arguably the most influential designer in Australia and Asia.

**X-Ray Architecture**

Honored with the 1990 American Institute of Architects Gold Medal for a lifetime of outstanding achievement, Fay Jones is an Arkansas original. In receiving the medal from Prince Charles of Great Britain, Jones was hailed as a “powerful and special genius who embodies nearly all the qualities we admire in an architect” and as an
artist who used his vision to craft “mysterious and magical places” not only in Arkansas but all over the world. This book accompanied a special museum exhibit of Jones’s life and work at the Old State House in Little Rock. It traces Jones’s development from his early years as a student of Frank Lloyd Wright and Bruce Goff, to the culmination of his ability in such arresting structures as Pinecote Pavilion in Picayune, Mississippi; Thorncrown Chapel in Eureka Springs, Arkansas; and Chapman University Chapel in Orange, California. Through the black-and-white photographs of the homes, chapels, and other buildings that Jones has created and the accompanying captions and interviews of the architect, the reader is allowed a view into this man’s remarkable talent. Designing structures that fuse architecture and landscape, the organic and the man-made, Jones has created special places which touch their viewers with the power and subtlety of poetry. Herein we learn why. From the Foreword by Robert Adams Ivy Jr.: “Fay Jones’s architecture begins in order and ends in mystery. . . . His role can perhaps best be understood as mediator, a human consciousness that has arisen from the Arkansas soil and scoured the cosmos, then spoken through the voices of stone and wood, steel and glass. Art, philosophy, craft, and human aspiration coalesce in his masterworks, transformed from acts of will into harmonies: Jones lets space sing.”

The Dynamics of Architectural Form

X-Ray Architecture explores the enormous impact of medical discourse and imaging technologies on the formation, representation and reception of twentieth-century architecture. It challenges the normal understanding of modern architecture by proposing that it was shaped by the dominant medical obsession of its time: tuberculosis and its primary diagnostic tool, the X-ray. Modern architecture and the X-ray were born around the same time and evolved in parallel. While the X-ray exposed the inside of the body to the public eye, the modern building unveiled its interior, dramatically inverting the relationship between private and public. Architects presented their buildings as a kind of medical instrument for protecting and enhancing the body and psyche. Beatriz Colomina traces the psychopathologies of twentieth-century architecture--from the trauma of tuberculosis to more recent disorders such as burn-out syndrome and ADHD--and the huge transformations of privacy and publicity instigated by diagnostic tools from X-Rays to MRIs and beyond. She suggests that if we want to talk about the state of architecture today, we should look to the dominant obsessions with illness and the latest techniques of imaging the body--and ask what effects they have on the way we conceive architecture. --Publisher's website.

An Architect’s Note-Book in Spain

By locating the architecture already hidden within deconstructive discourse, Wigley opens up more radical possibilities for both architecture and deconstruction.

Diderot, Inside, Outside, & In-between

First published in 1996, The Eyes of the Skin has become a classic of architectural theory. It asks the far-reaching question why, when there are five senses, has one single sense – sight – become so predominant in architectural culture and design?
With the ascendancy of the digital and the all-pervasive use of the image electronically, it is a subject that has become all the more pressing and topical since the first edition’s publication in the mid-1990s. Juhani Pallasmaa argues that the suppression of the other four sensory realms has led to the overall impoverishment of our built environment, often diminishing the emphasis on the spatial experience of a building and architecture’s ability to inspire, engage and be wholly life enhancing. For every student studying Pallasmaa’s classic text for the first time, The Eyes of the Skin is a revelation. It compellingly provides a totally fresh insight into architectural culture. This third edition meets readers’ desire for a further understanding of the context of Pallasmaa’s thinking by providing a new essay by architectural author and educator Peter MacKeith. This text combines both a biographical portrait of Pallasmaa and an outline of his architectural thinking, its origins and its relationship to the wider context of Nordic and European thought, past and present. The focus of the essay is on the fundamental humanity, insight and sensitivity of Pallasmaa’s approach to architecture, bringing him closer to the reader. This is illustrated by Pallasmaa’s sketches and photographs of his own work. The new edition also provides a foreword by the internationally renowned architect Steven Holl and a revised introduction by Pallasmaa himself.

**Landscape Architecture**

Inside Outside constructs a framework of interpretation for architecture and landscape architecture in order to disclose relations between them that are normally overlooked. Five operations—reciprocity, materiality, threshold, insertion, and infrastructure—each initiate an alternative way of looking at the construction and representation of relationships between architecture, landscape, city, and individuals. Twenty-four projects each contribute in a unique way to the definition of an operation.

**The Future of Architecture in 100 Buildings**

Site and Composition examines design strategies and tactics in site making. It is concerned with the need for a renewed understanding of the site in the twenty-first century and the need for a critical position regarding the continued tendency to view the site as an isolated ‘fragment’ severed from its wider context. The book argues revisiting the traditional instruments or means of both siting and composition in Architecture to explore their true potential in achieving connections between site and context. Through the various examples studied here it is suggested that such instrumental means have the potential for achieving greater poetic outcomes. The book focuses on the works of twentieth century architects of wide-ranging persuasion – Peter Eisenman, Le Corbusier, Frank Lloyd Wright, Alvaro Siza, Herzog and de Meuron, and Charles Correa, for example – who have strived in quite different ways to achieve deeper engagement with the physical qualities of place and context. Departing from a reconsideration of the fragment, Site and Composition emphasises the role of the ‘positive fragment’ in achieving both historical continuity and renewed wholeness. The potential of both planimetric and sectional compositional methods are explored, emphasising the importance of reciprocity between ‘inside’ and ‘outside’ – between fragment and the whole, as well as materiality. Written in a clear and accessible manner, this book makes vital
reading for both researchers and students of architecture and urbanism.

**Inside/outside**

Om hvordan mikroprocessorer fungerer, med undersøgelse af de nyeste mikroprocessorer fra Intel, IBM og Motorola.

**Site and Composition**

If you lived at the time of the American Revolution --What started the American Revolution? --Did everyone take sides? --Would you have seen a battle? Before 1775, thirteen colonies in America belonged to England. This book tells about the fight to be free and independent.

**Interior Urbanism**

Rudolf Arnheim has been known, since the publication of his groundbreaking Art and Visual Perception in 1974, as an authority on the psychological interpretation of the visual arts. Two anniversary volumes celebrate the landmark anniversaries of his works in 2009. In The Power of the Center, Arnheim uses a wealth of examples to consider the actors that determine the overall organization of visual form in works of painting, sculpture, and architecture. The Dynamics of Architectural Form explores the unexpected perceptual consequences of architecture with Arnheim’s customary clarity and precision.

**What If?**

Identifying and critically discussing the key terms, techniques, methodologies and habits that comprise our understanding of fieldwork in architectural education, research and practice, this book collates contributions by established and emerging international scholars. It will be of interest to critical practitioners, researchers, scholars and students of architecture. A selection of critical historiographies, theoretical strategies and reflective design practices challenge us to think seriously about our knowledge, experience and application of fieldwork in architecture.

**Inside Outside**

The founder of Architizer.com and practicing architect draws on his unique position at the crossroads of architecture and social media to highlight 100 important buildings that embody the future of architecture. We’re asking more of architecture than ever before; the response will define our future. A pavilion made from paper. A building that eats smog. An inflatable concert hall. A research lab that can walk through snow. We’re entering a new age in architecture—one where we expect our buildings to deliver far more than just shelter. We want buildings that inspire us while helping the environment; buildings that delight our senses while serving the needs of a community; buildings made possible both by new technology and repurposed materials. Like an architectural cabinet of wonders, this book collects the most innovative buildings of today and tomorrow. The
buildings hail from all seven continents (to say nothing of other planets), offering a truly global perspective on what lies ahead. Each page captures the soaring confidence, the thoughtful intelligence, the space-age wonder, and at times the sheer whimsy of the world’s most inspired buildings—and the questions they provoke: Can a building breathe? Can a skyscraper be built in a day? Can we 3D-print a house? Can we live on the moon? Filled with gorgeous imagery and witty insight, this book is an essential and delightful guide to the future being built around us—a future that matters more, and to more of us, than ever.

**Outside In**

How to Read Architecture is based on the fundamental premise that reading and interpreting architecture is something we already do, and that close observation matters. This book enhances this skill so that given an unfamiliar building, you will have the tools to understand it and to be inspired by it. Author Paulette Singley encourages you to misread, closely read, conventionally read, and unconventionally read architecture to stimulate your creative process. This book explores three essential ways to help you understand architecture: reading a building from the outside-in, from the inside-out, and from the position of out-and-out, or formal, architecture. This book erodes boundaries between the frequently compartmentalized fields of interior design, landscape design, and building design with chapters exploring concepts of terroir, scenography, criticality, atmosphere, tectonics, inhabitation, type, form, and enclosure. Using examples and case studies that span a wide range of historical and global precedents, Singley addresses the complex interaction among the ways a building engages its context, addresses its performative exigencies, and operates as an autonomous aesthetic object. Including over 300 images, this book is an essential read for both undergraduate and postgraduate students of architecture with a global focus on the interpretation of buildings in their context.

**Groundwork**

When we walk into a gallery, we have a fairly good idea where the building begins and ends; and inside, while observing a painting, we are equally confident in distinguishing between the painting-proper and its frame and borders. Yet, things are often more complicated. A building defines an exterior space just as much as an interior, and what we perceive to be ornamental and marginal to a given painting may in fact be central to what it represents. In this volume, a simple question is presented: instead of dichotomous separations between inside and outside, or exterior and interior, what other relationships can we think of? The first book of its kind to grapple with this question, Inside/Outside Islamic Art and Architecture focuses on a wide spectrum of mediums and topics, including painted manuscripts, objects, architectural decoration, architecture and urban planning, and photography. Bringing together scholars with diverse methodologies—who work on a geographical span stretching from India to Spain and Nigeria, and across a temporal spectrum from the thirteenth to the twenty-first century—this original book also poses engaging questions about the boundaries of the field.

**Inside Outside**
How to Read Architecture

This guideline defines ventilation and then natural ventilation. It explores the design requirements for natural ventilation in the context of infection control, describing the basic principles of design, construction, operation and maintenance for an effective natural ventilation system to control infection in health-care settings.

The Eyes of the Skin

Vast interior spaces have become ubiquitous in the contemporary city. The soaring atriums and concourses of mega-hotels, shopping malls and transport interchanges define an increasingly normal experience of being 'inside' in a city. Yet such spaces are also subject to intense criticism and claims that they can destroy the quality of a city's authentic life 'on the outside'. Interior Urbanism explores the roots of this contemporary tension between inside and outside, identifying and analysing the concept of interior urbanism and tracing its history back to the works of John Portman and Associates in 1960s and 70s America. Portman – increasingly recognised as an influential yet understudied figure – was responsible for projects such as Peachtree Center in Atlanta and the Los Angeles Bonaventure Hotel, developments that employed vast internal atriums to define a world of possibilities not just for hotels and commercial spaces, but for the future of the American downtown amid the upheavals of the 1960s and 70s. The book analyses Portman's architecture in order to reconsider major contexts of debate in architecture and urbanism in this period, including the massive expansion of a commercial imperative in architecture, shifts in the governance and development of cities amid social and economic instability, the rise of postmodernism and critical urban studies, and the defence of the street and public space amid the continual upheavals of urban development. In this way the book reconsiders the American city at a crucial time in its development, identifying lessons for how we consider the forces at work, and the spaces produced, in cities in the present.

Deleuze and Architecture

A call for landscape architects to leave the office and return to the garden. Addressing one of the most repressed subjects in landscape architecture, this book could only have been written by someone who is both an experienced gardener and a landscape architect. With Overgrown, Julian Raxworthy offers a watershed work in the tradition of Ian McHarg, Anne Whiston Spirn, Kevin Lynch, and J. B. Jackson. As a discipline, landscape architecture has distanced itself from gardening, and landscape architects take pains to distinguish themselves from gardeners or landscapers. Landscape architects tend to imagine gardens from the office, representing plants with drawings or other simulations, whereas gardeners work in the dirt, in real time, planting, pruning, and maintaining. In Overgrown, Raxworthy calls for the integration of landscape architecture and gardening. Each has something to offer the other: Landscape architecture can design beautiful spaces, and gardening can enhance and deepen the beauty of garden environments over time. Growth, says Raxworthy, is the medium of garden
development; landscape architects should leave the office and go into the garden in order to know growth in an organic, nonsimulated way. Raxworthy proposes a new practice for working with plant material that he terms “the viridic” (after “the tectonic” in architecture), from the Latin word for green, with its associations of spring and growth. He builds his argument for the viridic through six generously illustrated case studies of gardens that range from “formal” to “informal” approaches—from a sixteenth-century French Renaissance water garden to a Scottish poet-scientist's “marginal” garden, barely differentiated from nature. Raxworthy argues that landscape architectural practice itself needs to be “gardened,” brought back into the field. He offers a “Manifesto for the Viridic” that casts designers and plants as vegetal partners in a renewed practice of landscape gardening.

**Inside Out and Outside in**

**Psychoanalysis and Architecture**

**Inside Outside**

A look inside the homes of New York’s artists, designers, writers, and social influencers. Twenty-four homes and stories of real New Yorkers who live in small spaces with art, books, collections, treasures, and fabulous, sometimes funky furniture—each space expressing the resident’s unique personality. Bright, captivating photographs throughout pair dynamically with Polly Devlin’s in-depth interviews with the homeowners. Her critiques of their spaces are at once delightful, bold, and irreverent—and always lively and opinionated. From architectural grandeur to streamlined modern buildings, see how individuals turn older apartments and historic structures into places for comfortable living. Houses and apartments are sampled from across the city, including Tribeca, Murray Hill, Union Square, Harlem, Midtown, Brooklyn, and more. This is a visual and literary feast. Polly Devlin is an author, journalist, broadcaster, art critic. From her roots in northern Ireland, Devlin’s career has taken her into the sophisticated world of arts and letters in London, New York, and Paris. A former features editor at Vogue, and a contributor to key British newspapers and magazines, she is currently adjunct professor at Barnard College, Columbia University, New York. Photographer Annie Schlechter is a native New Yorker whose clients include New York Magazine, House Beautiful, Travel + Leisure, and The World of Interiors.

**Architecture and Field/Work**

**The Architecture of Deconstruction**

This work is organized into five sections (practices, buildings and projects, architecture and sociology, housing, and architectural education) with 14 essays/articles by Gutman, each preceded by a brief introduction setting the context in which it was written.
Outside the Pale

Essays at the intersection of philosophy and architecture explore how we understand and inhabit space. To be outside allows one a fresh perspective on the inside. In these essays, philosopher Elizabeth Grosz explores the ways in which two disciplines that are fundamentally outside each another—architecture and philosophy—can meet in a third space to interact free of their internal constraints. "Outside" also refers to those whose voices are not usually heard in architectural discourse but who inhabit its space—the destitute, the homeless, the sick, and the dying, as well as women and minorities. Grosz asks how we can understand space differently in order to structure and inhabit our living arrangements accordingly. Two themes run throughout the book: temporal flow and sexual specificity. Grosz argues that time, change, and emergence, traditionally viewed as outside the concerns of space, must become more integral to the processes of design and construction. She also argues against architecture's historical indifference to sexual specificity, asking what the existence of (at least) two sexes has to do with how we understand and experience space. Drawing on the work of such philosophers as Henri Bergson, Roger Caillois, Gilles Deleuze, Jacques Derrida, Luce Irigaray, and Jacques Lacan, Grosz raises abstract but nonformalistic questions about space, inhabitation, and building. All of the essays propose philosophical experiments to render space and building more mobile and dynamic.

Outside Inside Out

The Discipline of Architecture

Complexity and Contradiction in Architecture

The current environmental crisis calls for a unified practice of landscape and architecture that would allow buildings and landscapes to perform symbiotically to heal the environment. Over the past ten years, a diverse group of architects, landscape architects, and artists have undertaken groundbreaking projects that propose an integration of landscape and architecture, dissolving traditional distinctions between building and environment. Groundwork: Between Landscape and Architecture examines twenty-five projects, on an international scale, that consider landscape and architecture as true reciprocal entities. Groundwork divides the projects into three design directions: Topography, Ecology, and Biocomputation. Topographic designers create projects that manipulate the ground to merge building and landscape as in Cairo Expo City in Egypt (Zaha Hadid Architects), Island City Central Park Grin Grin in Fukuoka, Japan (Toyo Ito & Associates) and the City of Culture of Galicia in Santiago de Compostela, Spain (Eisenman Architects). Ecologic designers develop environments that address issues such as energy climate and remediation, such as I'm Lost In Paris in France (R&Sie(n)), Turistroute in Eggum, Norway (Snøhetta) and Parque Atlántico in Santander, Cantabria, Spain (Batlle i Roig Arquitectes). Biocomputation designers use digital technologies to align biology and design in projects such as the Grotto Concept (Aranda/Lasch), North Side Copse House in West Sussex, England
(EcoLogicStudio) and Local Code: Real Estates (Nicolas de Monchaux.) What these projects all have in common is a desire to pay attention and homage to the liminal space where indoors and outdoors meet. The critical connection between natural and synthetic, exterior and interior space, paves the way toward a more inclusive—and indeed more alive—conceptualization of the physical world.