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[A Global Approach to the Gender Gap in Mathematical, Computing, and Natural Sciences](#) - Colette

Guillopé 2020-06-06

This book reports on a three-year project (2017-2019) funded by the International Science Council and involving eleven scientific partner organizations. The main goal of the project was to

investigate the gender gap in STEM disciplines from different angles, globally and across disciplines. We have performed (i) a global survey of scientists with more than 32,000 responses; (ii) an investigation of the effect of gender in millions of scientific publications; and (iii) the compilation of best-practice

initiatives that address the gender gap in Mathematical, Computing, and Natural Sciences at various levels. We conclude that the gender gap is very real in science and mathematics. We present methodologies, insights, and tools that have been developed throughout the project, as well as a set of recommendations for different audiences: instructors and parents; educational institutions; scientific unions and other organizations responsible for science policy.

Caracas Cenital - Nicola Rocco
2004

The Churches the Apostles Left Behind - Raymond Edward Brown 1984

This book is a study of seven very different churches in the New Testament period after the death of the apostles.

Schooling for Tomorrow
Learning to Bridge the Digital Divide - OECD 2000-09-19

This book presents analysis of the "learning digital divide" in different countries - developed and developing - and the policies and specific innovations designed to bridge it.

Preventing Deadly Conflict - David A. Hamburg 1997-08-01
Analyzes the current state of violent conflict in the world and lays out a system of international conflict prevention. Three observations form the basis of the report: deadly conflict is not inevitable; the need to prevent such conflict is increasingly urgent; and successful prevention is possible. Inspired by the public health model of disease prevention, the report outlines practical measures to prevent deadly conflict that can be used by governments, internat. org's., non-governmental org's., religious leaders and institutions, the media, and business. For dangerous conditions, the report outlines options for early action to prevent mass violence.

Única Looking at the Sea -

Fernando Contreras Castro 2017

Fiction. Latino/Latina Studies.

Inside the great landfill at Río Azul, Única and her friends, her family, society's cast-offs, struggle to survive on what those in the city throw away. This story of the "divers" (buzos), the community of Western untouchables who live in landfills and dumps, immediately made Fernando Contreras Castro famous in his native Costa Rica and around Latin America. Now available in English for the first time in Elaine S. Brooks' translation, **ÚNICA LOOKING AT THE SEA** tells the story of an underclass invisible to the urban bourgeoisie who produce the trash they eke out a living from, a story no less pertinent in the US and the rest of the English-speaking world than it is in Latin America.

XX Bienal Colombiana de

Arquitectura - Alberto

Saldarriaga Roa 2006

Ashes of Izalco - Claribel Alegria

2015-02-20

A novel that blends politics,

history and romance with

unfailing gentleness,

unforeseeable, explosive events

determine the actions of the

characters but never interrupt

the work's lyrical structure.

Carmen Rojas, the heroine, was a

child when, in 1932, she

witnessed the brutality of the El

Salvadoran National Guard, who

murdered 30,000 rioting peasants.

The tragedy shapes her political

consciousness, and, although she

marries an American and lives in

Washington, D.C., she cannot

escape its memory. Thirty years

later, she returns home to attend

her mother's funeral and to care

for her sickly father, and

discovers a diary kept by her

mother's American lover in the

months before the 1932 uprisings.

Planindex - 1985

Play Matters - Miguel Sicart

2014-08-15

Why play is a productive, expressive way of being, a form of understanding, and a fundamental part of our well-being. What do we think about when we think about play? A pastime? Games? Childish activities? The opposite of work? Think again: If we are happy and well rested, we may approach even our daily tasks in a playful way, taking the attitude of play without the activity of play. So what, then, is play? In *Play Matters*, Miguel Sicart argues that to play is to be in the world; playing is a form of understanding what surrounds us and a way of engaging with others. Play goes beyond games; it is a mode of being human. We play games, but we also play with toys, on playgrounds, with technologies and design. Sicart proposes a theory of play that doesn't derive from a particular object or activity but is a portable tool for being—not tied to objects but brought by people to the

complex interactions that form their daily lives. It is not separated from reality; it is part of it. It is pleasurable, but not necessarily fun. Play can be dangerous, addictive, and destructive. Along the way, Sicart considers playfulness, the capacity to use play outside the context of play; toys, the materialization of play—instruments but also play pals; playgrounds, play spaces that enable all kinds of play; beauty, the aesthetics of play through action; political play—from Maradona's goal against England in the 1986 World Cup to the hactivist activities of Anonymous; the political, aesthetic, and moral activity of game design; and why play and computers get along so well.

New World of Indigenous Resistance - Noam Chomsky
2010-04-13

Interviews with Chomsky accompanied by commentaries by

indigenous organizers on globalization and resistance in the Americas

The Third Teacher - OWP/P Cannon Design, Inc. 2014-07-11
Created by an international team of architects and designers concerned about our failing education system, *The Third Teacher* explores the critical link between the school environment and how children learn, and offers 79 practical design ideas, both great and small, to guide reader's efforts to improve our schools. Written for anyone who has school-age children in their life, from educators and education decision-makers to parents and community activists, this book is intended to ignite a blaze of discussion and initiative about environment as an essential element of learning. Including a wealth of interviews, facts, statistics, and stories from experts in a wide range of fields, this book is a how-to guide to be used to connect with the many

organizations, individuals, and ideas dedicated to innovating and improving teaching and learning. Contributors include children's singer and advocate Raffi, author and creativity consultant Sir Ken Robinson, scientist and environmentalist David Suzuki, inventor James Dyson, and other experts who are working to create fresh solutions to problems and create a new blueprint for the future of education.

NHS Plc - Allyson Pollock 2005
An analysis of the transition from universal, publicly funded health care to New Labour's application of market principles: a national institution reaching crisis point and a key lesson for those concerned with health care everywhere.

Social Policies and Institutional Reform in Post-COVID Cuba - Bert Hoffmann 2021-09-06
Die tiefe Wirtschaftskrise in Folge der Corona-Pandemie stellt Kubas Sozialismus vor eine ungeahnte Belastungsprobe. Die

Regierung in Havanna hat eine grundlegende Reform von Wirtschaft, Institutionengefüge und Sozialsystem auf die Agenda gesetzt. Der Band vereint Beiträge führender internationaler Experten und von der Insel selbst, die aus unterschiedlichen Perspektiven die Herausforderungen analysieren, vor denen Kuba heute steht.

Sistemas de Habitabilidad - Rafael Villazón Godoy 2023-05-29

Este libro parte de la idea de que hay un orden natural y que, para el arquitecto, la habitabilidad es su responsabilidad ética con el bienestar del ser humano y del medio ambiente. Este libro enseña cómo hacer habitables los espacios, cómo construir atmósferas para el bienestar de las personas. *Sistemas de habitabilidad* es un esfuerzo colectivo de profesores de Arquitectura e Ingeniería, liderados por Rafael Villazón Godoy y David Felipe Rodríguez,

que explora la inflexión del espacio a través de los principios técnicos del proyecto de arquitectura. Aquellos que le dan atmósfera, tectónica y habitabilidad al espacio humano. Dicen por ahí que ya no son tiempos de escribir tratados; quizás están equivocados. Aquí tienen, entre sus manos, un nuevo tratado del hacer, de la fábrica de la Arquitectura. Camilo Isaak

Working with Academic Literacies - Theresa Lillis 2015-11-04

The editors and contributors to this collection explore what it means to adopt an “academic literacies” approach in policy and pedagogy. Transformative practice is illustrated through case studies and critical commentaries from teacher-researchers working in a range of higher education contexts—from undergraduate to postgraduate levels, across disciplines, and spanning geopolitical regions

including Australia, Brazil, Canada, Cataluña, Finland, France, Ireland, Portugal, South Africa, the United Kingdom, and the United States.

The Metabolism of Islands -

Simron Singh 2021-08-04

This book makes the case for why we should care about islands and their sustainability. Islands are hotspots of biocultural diversity and home to 600 million people that depend on one-sixth of the earth's total area, including the surrounding oceans, for their subsistence. Today, they are at the frontlines of climate change and face an existential crisis. Islands are, however, potential "hubs of innovation" that are uniquely positioned to be leaders in sustainability and climate action. This volume argues that a full-fledged program on "island industrial ecology" is urgently needed, with the aim of offering policy-relevant insights and strategies to sustain small islands

in an era of global environmental change. The nine contributions in this volume cover a wide range of applications of socio-metabolic research, from flow accounts to stock analysis and their relationship to services in space and time. They offer insights into how reconfiguring patterns of resource use will allow island governments to build resilience and adapt to the challenges of climate change.

Human Development Report 2019 - United Nations Development Programme (UNDP) 2019-01-30

Inequalities in human development are a roadblock to achieving the 2030 Agenda for Sustainable Development. They are not just about disparities in income and wealth. They cannot be accounted for simply by using summary measures of inequality that focus on a single dimension. And they will shape the prospects of people that may live to see the 22nd century. The

2019 Report explores inequalities in human development by going beyond income, beyond averages and beyond today. It asks what forms of inequality matter and what drives them, recognizing that pernicious inequalities are generally better thought of as a symptom of broader problems in a society and economy. It also asks what policies can tackle those drivers policies that can simultaneously help nations to grow their economies, improve human development and reduce inequality.

Internet and Society in Latin

America and the Caribbean -

International Development
Research Centre (Canada) 2004

This book presents pioneering research that is designed to show, from a qualitative and ethnographic perspective, how new information and communication technologies, as applied to the school system and to local governance initiatives, merely reproduce traditional

pedagogical approaches and the dominant forms by which power is exercised at the local level. The studies thus constitute points of departure for further thinking about the need to promote an Internet culture based on the social application of a OC right to communication and cultureOCO and an OC Internet right, OCO that will permit the establishment of true citizen participation and free access to knowledge, with due regard to personal and individual rights such as those of privacy and intimacy."

Clinical Guidelines for Advanced Practice Nursing -

Geraldine M. Collins-Bride 2016-03-17

Clinical Guidelines for Advanced Practice Nursing: An

Interdisciplinary Approach,

Third Edition is an accessible and practical reference designed to

help nurses and students with daily clinical decision making.

Written in collaboration with

certified nurse midwives, clinical

nurse specialists, nurse practitioners, nutritionists, pharmacists, and physicians, it fosters a team approach to health care. Divided into four areas—Pediatrics, Gynecology, Obstetrics, and, Adult General Medicine—and following a lifespan approach, it utilizes the S-O-A-P (Subjective-Objective-Assessment-Plan) format. Additionally, the authors explore complex chronic disease management, health promotion across the lifespan, and professional and legal issues such as reimbursement, billing, and the legal scope of practice. The Third Edition has a keen focus on gerontology to accommodate the AGNP specialty and to better assist the student or clinician in caring for the aging population. The authors follow the across the life span approach and focus on common complete disorders. Certain chapters have been revised and new chapters have been added which include:Health

Maintenance for Older Adults; Frailty; Common Gerontology Syndromes; Cancer Survivorship; Lipid Disorders; Acne (pediatrics section). Please note that the 2016 CDC Guidelines for prescribing opioids for chronic pain in the United States were not yet available at the time the authors were updating the Third Edition. See the Instructor Resources tab to read a note from the authors about their recommendations for resources around these guidelines.

Mujeres que ejercen la prostitución - Ada Trifirò 2003

Twelve Years a Slave - Solomon Northup 2014-03-08

Now a major motion picture nominated for nine Academy Awards. Narrative of Solomon Northup, a Citizen of New-York, Kidnapped in Washington City in 1841, and Rescued in 1853.

Twelve Years a Slave by Solomon Northup is a memoir of a black man who was born free

in New York state but kidnapped, sold into slavery and kept in bondage for 12 years in Louisiana before the American Civil War. He provided details of slave markets in Washington, DC, as well as describing at length cotton cultivation on major plantations in Louisiana.

Policy analysis in Brazil -

Vaitsman, Jeni 2013-07-24

Policy analysis in Brazil is part of the International Library of Policy Analysis and is the first book to paint a comprehensive panorama of policy analysis activities in Brazil. Highlighting the unique features of the Brazilian example, it brings together 18 studies by leading Brazilian social scientists on policy analysis as a widespread activity pursued in a variety of policy fields and through different methods by governmental and non-governmental institutions and actors. It shows how policy analysis emerged as part of

Brazilian state-building from the 1930s onwards. With the democratisation process of the late 1980s, policy analysis began to include innovative elements of social participation in public management. This unique book offers key insights into the practice of this field and is indispensable reading for scholars, policy makers and students of the social sciences interested in learning how policy analysis developed and functions in Brazil.

Introduction to Clinical

Psychology - Lynda A. Heiden

2013-06-29

Bringing together contributions by leaders in the field of clinical psychology, this highly readable textbook provides a current perspective on theory, training, assessment, consultation, research, and outpatient and inpatient practice. Bridging the gap between theory and practice, contributors offer a professional perspective on the various

specialized activities and settings of a clinical psychologist. With this unique insight, advanced undergraduate and beginning graduate students gain a realistic understanding of the life of a clinical psychologist as well as the diverse professional opportunities in the field.

Aves de piedra, barro y oro en la Costa Rica precolombina - Patricia Fernández Esquivel 2009

A scholarly and physically stunning presentation of the use of bird imagery in pre-Columbian Costa Rican art, with an equal balance of photos and text. Includes indigenous culture, contemporary links, and comparative photos of artifacts and actual birds

Social Psychology of Identity and the Self Concept - Glynis M. Breakwell 1992

This volume presents state-of-the-art reviews of social psychology theories and empirical research on the self concept, bringing together

researchers from a variety of theoretical traditions to debate current issues.

Environmental Policy - Thomas Walker 2020-09-09

EXPAND YOUR UNDERSTANDING OF HOW ENVIRONMENTAL POLICY AFFECTS BUSINESS, THE ECONOMY, AND YOUR LIFE WITH THIS ESSENTIAL RESOURCE *Environmental Policy: An Economic Perspective* offers readers a comprehensive examination of the ever-broadening scope and impact of environmental policy, law, and regulation. Editors Thomas Walker, Northrop Sprung-Much, and Sherif Goubran walk readers through a variety of subjects while maintaining a global perspective on the expanding role of environmental law. This book takes a pragmatic and practical approach to its subject matter, showing readers the real impact across the world of different kinds of environmental

policy. Among other topics, *Environmental Policy: An Economic Perspective* tackles: Climate change legislation Water conservation and pricing Biodiversity of the marine environment Wildlife ranching Emission trading schemes Green job strategies Sustainable investing Written for undergraduate and graduate students in any field affected by environmental legislation and policy, this book also belongs on the shelves of anyone who seeks to better understand the increasingly important role of environmental policy on their business and life.

A Psychology of Human Strengths - Lisa G. Aspinwall
2003

In an era of vaccinations, angioplasty, and gene therapy, is there any need for behavioral change in improving health? Is the role of the clinical, counseling, and health psychologist becoming obsolete?

Quite the contrary. As Margaret A. Chesney and Michael H. Antoni demonstrate in *Innovative Approaches to Health Psychology*, the opportunity for clinical, counseling, and health psychologists to increase the scope of their practice and their contribution to research is more vital than ever. As medicine advances, risky behaviors rise, as does noncompliance with medical regimens and the incidence of more drug-resistant strains of viruses. This fascinating book demonstrates how health psychology has risen to the challenge to find new ways to reach and treat at-risk populations. Using their experiences in responding to the HIV/AIDS crisis over nearly two decades, leading experts in health psychology and clinical psychology illustrate how they identified avenues for intervention and new targets for behavior change and designed new methods to address critical

problems. Each chapter presents the theoretical rationale for a host of strategies, empirical validation for the effectiveness with a specific population or presenting problem, and step-by-step procedures for implementation. Experts demonstrate how basic behavioral science principles were used to develop interventions to assist individuals, families, small groups, and communities. They also share valuable lessons in treating chronic pain, sleep disturbance, noncompliance with complex medical regimens, and the miracle cure/quick fix mentality. They describe their successes in tailoring interventions to specific risk populations, such as adolescents, pregnant women, African American women, gay men, and IV drug users. These findings are invaluable in addressing a range of public health concerns, from sexually transmitted diseases to coping with chronic disease.

Manifesta 10 - Kasper König 2014

Published on the occasion of Manifesta 10, the European Biennial of Contemporary Art in St. Petersburg, Russia, this illustrated volume collects artworks, concepts, and essays that invite the reader to explore the possibilities of contemporary art in deeply historical settings. For the first time, Manifesta is hosted by a museum, uniting the State Heritage Museum's 250th anniversary and Manifesta's twentieth anniversary as a nomadic biennial. This book, which is structured like a classic catalogue, reflects the intuitive and playful nature of Kasper König's exhibition. Contemporary art stands alongside the historical and cultural heritage of the Hermitage, and many projects create a unique homage to it and to the city of St. Petersburg. New works claim their place in ways that are often subtle and surprising, inviting viewers and readers to grapple with the

endless ways in which contemporary art questions, complements, or even dovetails with tradition.

Global Education Monitoring Report 2020 - UNESCO
2020-07-07

This publication assesses progress towards Sustainable Development Goal 4 (SDG 4) on education and its ten targets, as well as other related education targets in the SDG agenda. It addresses inclusion in education, drawing attention to all those excluded from education, because of background or ability. The report is motivated by the explicit reference to inclusion in the 2015 Incheon Declaration, and the call to ensure an inclusive and equitable quality education in the formulation of SDG 4, the global goal for education. It reminds us that, no matter what argument may be built to the contrary, we have a moral imperative to ensure every child has a right to an appropriate education of high

quality.

Culture, Architecture, and Design - Amos Rapoport 2005

The three basic questions of EBS are (1) What bio-social, psychological, and cultural characteristics of human beings influence which characteristics of the built environment?; (2) What effects do which aspects of which environments have on which groups of people, under what circumstances, and when, why, and how?; and (3) Given this two-way interaction between people and environments, there must be mechanisms that link them. What are these mechanisms? Focusing on answers to these and other questions, "Culture, Architecture, and Design" discusses the relationship between culture, the built environment, and design by showing that the purpose of design is to create environments that suit users and is, therefore, user-oriented. Design must also be based on knowledge of how

people and environments interact. Thus, design needs to respond to culture. In discussing (1) the nature and role of Environment-Behavior Studies (EBS); (2) the types of environments; (3) the importance of culture; (4) preference, choice, and design; (5) the nature of culture; (6) the scale of culture; and (7) how to make culture usable, Amos Rapoport states that there needs to be a "change from designing for one's own culture to understanding and designing for users' cultures and basing design on research in EBS, anthropology, and other relevant fields. Such changes should transform architecture and design so that it, in fact, does what it claims to do and is supposed to do - create better (i.e., more supportive) environments."

The State and the Teacher - Samuel Ayers 1905

Exploring Happiness - Sissela Bok 2010-01-01

Examines the nature of happiness, discussing how it has been treated in philosophy and religion and by the modern disciplines of psychology, economics, and neuroscience, and considers the place of individual happiness within the context of modern life.

Constructing and Reconstructing Childhood - Allison James 2003-09-02

First published in 1997.

Routledge is an imprint of Taylor & Francis, an informa company.

Advances in Laboratory Testing and Modelling of Soils and Shales (ATMSS) - Alessio Ferrari 2017-01-16

In this spirit, the ATMSS International Workshop

"Advances in Laboratory Testing & Modelling of Soils and Shales" (Villars-sur-Ollon, Switzerland; 18-20 January 2017) has been organized to promote the exchange of ideas, experience and state of the art among major experts active in the field of

experimental testing and modelling of soils and shales. The Workshop has been organized under the auspices of the Technical Committees TC-101 "Laboratory Testing", TC-106 "Unsaturated Soils" and TC-308 "Energy Geotechnics" of the International Society of Soil Mechanics and Geotechnical Engineering. This volume contains the invited keynote and feature lectures, as well as the papers that have been presented at the Workshop. The topics of the lectures and papers cover a wide range of theoretical and experimental research, including unsaturated behaviour of soils and shales, multiphysical testing of geomaterials, hydro-mechanical behaviour of shales and stiff clays, the geomechanical behaviour of the Opalinus Clay shale, advanced laboratory testing for site characterization and in-situ applications, and soil - structure interactions.

A Pattern Language -

Christopher Alexander
2018-09-20

You can use this book to design a house for yourself with your family; you can use it to work with your neighbors to improve your town and neighborhood; you can use it to design an office, or a workshop, or a public building. And you can use it to guide you in the actual process of construction. After a ten-year silence, Christopher Alexander and his colleagues at the Center for Environmental Structure are now publishing a major statement in the form of three books which will, in their words, "lay the basis for an entirely new approach to architecture, building and planning, which will we hope replace existing ideas and practices entirely." The three books are *The Timeless Way of Building*, *The Oregon Experiment*, and this book, *A Pattern Language*. At the core of these books is the idea that people should design for themselves

their own houses, streets, and communities. This idea may be radical (it implies a radical transformation of the architectural profession) but it comes simply from the observation that most of the wonderful places of the world were not made by architects but by the people. At the core of the books, too, is the point that in designing their environments people always rely on certain "languages," which, like the languages we speak, allow them to articulate and communicate an infinite variety of designs within a forma system which gives them coherence. This book provides a language of this kind. It will enable a person to make a design for almost any kind of building, or any part of the built environment. "Patterns," the units of this language, are answers to design problems (How high should a window sill be? How many stories should a building have? How much space

in a neighborhood should be devoted to grass and trees?). More than 250 of the patterns in this pattern language are given: each consists of a problem statement, a discussion of the problem with an illustration, and a solution. As the authors say in their introduction, many of the patterns are archetypal, so deeply rooted in the nature of things that it seems likely that they will be a part of human nature, and human action, as much in five hundred years as they are today.

Endangered Languages and

Literacy - Foundation for Endangered Languages. Conference 2000

Conference 2000

Papers for the fourth Foundation for Endangered Languages (FEL) Conference include the following: "Endangered languages and Literacy" (Nicholas Ostler, Blair Rudes); "Keynote Address: On Native Language Literacy: a Personal Perspective" (Ofelia Zepeda); "A Community's

Solution to Some Literacy Problems: The Mayangna of Nicaragua" (Elena Benedicto); "Pathway to an Acceptable Orthography" (Francene Patterson); "Technology, Literacy, and Orality: The Case of Coeur d'Alene Language" (Gary Sobbing, Audra Vincent); "Building a Frame for Our Past: Contemporary Guatemalan Mayan Literature" (R. McKenna Brown); "The Future of Koho: Mon-Khmer Language of Vietnam" (Neil H. Olsen); "The Applied Linguist in Indian Country: Preservation and Revival of the Catawba Language" (Claudia Y. Heinemann-Priest); "How Do You Write Lisu?" (David L. Morse, Thomas M. Tehan); "Orthography as Literacy: How Manx Was Reduced to Writing" (Mark Sebba); "Four Orthographies for Forest Nenets?" (Tapani Salminen); "When You Choose, Must You Lose? Standard Orthography

versus Dialect Diversity" (Blair A. Rudes); "Developing a Standard Orthography for an Oral Language: The Innu Experiment" (Anne-Marie Baraby); "Literacy Ideologies and the Future of Gascon" (Thomas Field); "Perspectives on Literacy in Endangered Language Revitalization" (Patricia Shaw); "Incorporating Literacy Style Prior to Literacy in the Elementary Tribal School" (Kristin Denham, Kevin George, Erek Rensink, Jonathan Sarr); "Literacy Ability and Practice in Peru: An Indigenous Account" (Kathleen Tacelosky); "The Bilingual-Bicultural Literacy Program for the Tarahumara of Chihuahua" (Carla Paciotto); "The Prospect of Taiwanese Indigenous Language Instruction in Taiwan: Looking at a Successful American Indian Community School" (Jiwas Bawan); "All Literate and Nothing to Read: The Problem of the Lack of Written Literature in

Rotuman" (Marit Vamarsai); "Gaulish Literacy: A Dying Glimmer" (Nicholas Ostler); "Orthography, Lexicography, and Language Change" (Ivy Doak, Timothy Montler); "Limitations of Literacy in Bagri" (Lakhan Gusain); and "Semantic Barriers to Literacy in the Sierra Tarahumara" (Julia E. Lonergan). References are included at the end of each paper. (KFT)

Turtles, Termites, and Traffic Jams - Mitchel Resnick
1997-01-22

How does a bird flock keep its movements so graceful and synchronized? Most people assume that the bird in front leads and the others follow. In fact, bird flocks don't have leaders: they are organized without an organizer, coordinated without a coordinator. And a surprising number of other systems, from termite colonies to traffic jams to economic systems, work the same decentralized way. Turtles, Termites, and

Traffic Jams describes innovative new computational tools that can help people (even young children) explore the workings of such systems—and help them move beyond the centralized mindset.

Sistemas de habitabilidad: principios técnicos del proyecto de arquitectura - Rafael Villazón Godoy 2021-04-01

La arquitectura es un artificio que actúa como interfaz entre la naturaleza y el ser humano. La naturaleza genera diversas acciones ambientales que inciden de manera directa sobre la arquitectura, y esta se traduce en una envolvente que tiene que procesarlas para traducirlas en un espacio habitable (véase figura 1). Este concepto, en apariencia elemental, supone diversas operaciones complejas que permiten que el ser humano, con la sensibilidad que lo caracteriza, pueda sobrevivir en un espacio estable y confortable. Figura 1. La arquitectura como artificio frente

a las acciones ambientales* La envolvente arquitectónica tiene como objetivo traducir las acciones ambientales —como la gravedad, el sonido, la luz, el aire, el agua y la radiación— en indicadores tangibles asociados al espacio arquitectónico: • La función estructural (gravedad) • El confort acústico (sonido) • El confort lumínico y visual (luz) • El confort térmico (aire y radiación) • La estanqueidad (agua) La técnica incluye los diferentes procedimientos que permiten ordenar la materia por medio de la construcción, para responder a las acciones

ambientales y generar un espacio estable (función estructural), estanco y habitable (confort acústico, lumínico y térmico). La técnica es un concepto complejo que hace posible conectar de forma simultánea elementos racionales asociados a la lógica, una actitud de respeto a la naturaleza, al ser humano y la comunidad, fundamentada en la ética, y un resultado plástico que es reflejo de la búsqueda constante de generar una empatía profunda entre el espacio y sus usuarios, todo mediado por la estética (véase figura 2)

- 1999