Theory Construction From Verbal To Mathematical Formulations

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Theories of Delinquency Donald J. Shoemaker 2018-05-01
Theories of Delinquency is a comprehensive survey of the theoretical approaches towards understanding delinquent behavior. Donald Shoemaker aptly presents all major individualistic and sociological theories in a standard format with basic assumptions, important concepts, and critical evaluations. Theories covered include biological and psychological explanations, anomie and social disorganization, differential association, drift theory, labeling theory, critical theories, and explanations of female delinquency. Now in its seventh edition, Theories of Delinquency contains up-to-date discussions based on current research, incorporates new developments in social disorganization theory and related concepts of collective efficacy and criminology of place, and presents a fresh look at bio-social and psychological connections to crime and delinquency and the general theory of crime. Clearly written, consistently organized, and thoroughly updated, Theories of Delinquency remains essential reading for advanced undergraduate and graduate students of crime and delinquency.

The Nature of Theoretical Thinking in Nursing Hesook Suzie Kim PhD, RN 2010-05-03 Named a 2013 Doody's Core Title! "This is a well-written, thought-provoking book on theoretical thinking and knowledge development in nursing." Score: 93, 4 stars.-Doody's Medical Reviews The past decade has seen tremendous growth and enrichment in nursing's theoretical work. This third edition has therefore been updated, revised, and expanded to cover the gamut of recent developments in theoretical thinking in nursing. This book presents a systematic framework that can be used to examine elements in the field of nursing and posits important concepts that have emerged in the field. The chapters help to enhance readers' understanding about how conceptualizations and theoretical statements are developed and refined in nursing while simultaneously offering a typology of conceptual domains that can be used to delineate theoretical elements essential to nursing. This third edition retains the previous typology of four domains: the domain of client, the client-nurse domain, the domain of practice, and the environment domain.

Theory Construction Hubert M. Blalock (jr.) 1969
Perspectives on Organizational Communication Steven R. Corman
2000-11-08 This volume promotes constructive dialogue among the basic methodological positions in organizational communication today. Three essays discuss the concept of common ground from interpretive, post-positivist, and critical vantage points.

**Theories and Models of Communication** Paul Cobley
2013-01-30 Open publication This unique volume offers an overview of the diversity in research on communication: including perspectives from biology, sociality, economics, norms and human development. It includes general social science and humanities approaches to communication, from systems theory to cultural theory, as well as perspectives more specifically related to communication acts, such as linguistics and cognition. The volume also features chapters on the participants and various elements in communication processes, on possible effects and on wider consequences of mediation [with technical media]. The scope of the contributions is global, and the volume is relevant to both the empirical and the philosophical traditions in human sciences. Designed as a stand-alone collection to engage undergraduates as well as postgraduates and academics, this is also the first book in, and an introduction to, the de Gruyter Mouton multi-volume Handbooks of Communication Science.

**Financial Econometrics, Mathematics and Statistics** Cheng-Few Lee
2019-06-03 This rigorous textbook introduces graduate students to the principles of econometrics and statistics with a focus on methods and applications in financial research. Financial Econometrics, Mathematics, and Statistics introduces tools and methods important for both finance and accounting that assist with asset pricing, corporate finance, options and futures, and conducting financial accounting research. Divided into four parts, the text begins with topics related to regression and financial econometrics. Subsequent sections describe time-series analyses; the role of binomial, multi-nomial, and log normal distributions in option pricing models; and the application of statistics analyses to risk management. The real-world applications and problems offer students a unique insight into such topics as heteroskedasticity, regression, simultaneous equation models, panel data analysis, time series analysis, and generalized method of moments. Written by leading academics in the quantitative finance field, allows readers to implement the principles behind financial econometrics and statistics through real-world applications and problem sets. This textbook will appeal to a less-served market of upper-undergraduate and graduate students in finance, economics, and statistics.

**Foundations of theory-formation in criminology** Catharina Irma Dessaur
2018-12-03

**Theory and Methods in Political Science** Vivien Lowndes
2017-09-28 A broad-ranging and pluralistic textbook which highlights the rich variety of approaches to studying politics. Written by an international team of experts, this fully revised fourth edition offers cutting-edge coverage from fundamental to contemporary issues. Integrating guides to further reading and clear examples of how research methods can be applied, it enables readers to feel confident about taking their study of politics forward. An ideal foundation for study and research in political science, this textbook will be essential to students at any stage of their degree. It serves as core reading on undergraduate and postgraduate political analysis, theory and methods courses. In demonstrating how independent research is undertaken in political science, the book allows students and early career researchers to begin thinking about formulating their own research agendas. This new edition: - Leads the way with fresh new ideas and perspectives with the help of new co-editor Vivien Lowndes - Includes new chapters on post-structuralism as a theoretical approach and on 'big data' as a methodological resource - Offers an international perspective on political science, with discussion of global as well as domestic politics and a range of international cases and examples.
Continuities in Sociological Human Ecology  Michael Micklin 2013-11-11  The completion of this volume would not have been possible without the generous and dedicated help of numerous people. The book had its genesis in a conference held at Cornell University in the fall of 1990 that was organized by Dudley Poston, Paul Eberts, and Michael Hannan, all professors at the time at Cornell. With the very generous financial assistance of David Call, then the dean of Cornell's College of Agriculture and Life Sciences, Poston, Eberts, and Hannan put together a two-day conference of lectures and papers by human ecologists from Cornell University and elsewhere. The conference focused on sociological human ecology and celebrated the fortieth anniversary of the publication of Amos Hawley's Human Ecology (Ronald Press 1950). Professor Hawley was the keynote speaker at the conference. Many of the authors of the chapters in this volume presented earlier versions at the Cornell conference in 1990. Cornell's Departments of Rural Sociology and Sociology also contributed financial assistance; however, without Dean Call's very generous support, the conference would not have been possible. A few months after the conference, Poston and Michael Micklin discussed the possibility of asking the various authors of the Cornell conference papers to revise them for publication in a volume on sociological human ecology and celebrated the fortieth anniversary of the publication of Amos Hawley's Human Ecology (Ronald Press 1950). Professor Hawley was the keynote speaker at the conference. Many of the authors of the chapters in this volume presented earlier versions at the Cornell conference in 1990. Cornell's Departments of Rural Sociology and Sociology also contributed financial assistance; however, without Dean Call's very generous support, the conference would not have been possible. A few months after the conference, Poston and Michael Micklin discussed the possibility of asking the various authors of the Cornell conference papers to revise them for publication in a volume on sociological human ecology. Many opted to do so, but others did not because of time and other kinds of commitments and constraints.

Approaches to Sociology (RLE Social Theory)  John Rex 2014-08-21  These essays, commissioned by John Rex, reflect the state of sociology in Britain today. Leading representatives of the diverse ‘schools’ provide lucid accounts of their own particular approaches to this complex discipline and in doing so demonstrate the techniques described. Topics covered include the empirical study of stratification, social evolution, survey techniques, mathematical sociology, systems theory, phenomenological approaches, Weberian sociology, structuralism, contemporary Marxism, and the development of theory after Talcott Parsons.

Public Policy Studies  Stuart S. Nagel 2002  Covers the methods, substance and process of public policy.

Primer in Theory Construction  Paul Davidson Reynolds 2015-07-02  A Primer in Theory Construction is for those who have already studied one or more of the social, behavioral, or natural sciences, but have no formal introduction to the way theories are constructed, stated, tested, and connected together to form a scientific body of knowledge. The author discusses scientific theories in general terms, but also addresses the special challenges of developing scientific knowledge about social and human phenomena. This Allyn and Bacon Classics Edition contains the complete text of the original copyright 1971 version, with new typography and page design.

Communication Yearbook 5  Michael Burgoon 1981-12-01  Published under the auspices of the International Communication Association, this volume, the fifth in the Communication Yearbook series, provides an annual overview and synthesis of developments in the science of communication. Disciplinary reviews and commentaries on general topics in all subdivisions of communication accompany analyses of developments in communication theory and research in specialized areas within the communication sciences. Among the areas covered are information systems, interpersonal communication, political communication, instructional communication, health communication, mass communication, organizational communication, and intercultural communication. Reviews and commentaries are commissioned by the editor, and divisional overviews are prepared by scholars in each area of specialization. Articles presenting current research are selected through competitive judging processes within each interest area.
**Philosophy of Science and Sociology** Edmund Mokrzycki  
2013-04-15 Originally published in 1983. This book concentrates on the impact of philosophy of science on sociology and other disciplines. It argues that the impact of the philosophy of science on sociology from the rise of the Vienna Circle until the mid-1980s resulted in a deep-reaching and, in the author’s view, undesirable methodological reorientation in sociology.  

**Biographical Memoirs** National Academy of Sciences 1996-02-01  
Biographic Memoirs Volume 68 contains the biographies of deceased members of the National Academy of Sciences and bibliographies of their published works. Each biographical essay was written by a member of the Academy familiar with the professional career of the deceased. For historical and bibliographical purposes, these volumes are worth returning to time and again.  

**The Contemporary Critique of Positivism: The Issues of Replicability and Universality** Uğur Berk Kalelioğlu 2020-03-10  
The aim of this book is to critically discuss the validity of replicability and universality principles of positivism from a sociological perspective. The main critiques of contemporary positivism are given by the schools of thought represented by multifarious thinkers. The critique of positivist sociology, which confirms itself based on continuous replication and aims to reach universal laws, is given and the validity of replicability principle from the sociological point of view, is discussed. The discussion begins with brief premises of classical positivism, proceeds to contemporary critique of logical positivism and is complemented by the post-2010 Replication Crisis. The particular emphasis is given to the Replication Crisis, and the reasons why replication studies are rare in sociology, are discussed. As a result of the study, it is concluded that positivist claims: replication and universality principles lose their validity in sociology due to ontological, epistemological, individual and structural aspects.  

**Keywords:** Positivism, Replicability, Universality, Replication Crisis  

**Theoretical Research Programs** Joseph Berger 1993  
Analyzing the structure and growth of major theoretical research programs in the sociological study of group processes, this book considers such topics as exchange processes and network structures, bargaining and conflict, status characteristics and status organizing processes, social interaction, and legitimation processes.  

**George C. Homans** A Javier Treviño 2015-11-17  
George C. Homans: History, Theory, and Method offers original essays written by scholars from the fields of sociology, history, anthropology, and literature with the aim of assessing Homans's rich and diverse intellectual contributions. It is the first volume in over thirty years to offer a reappraisal of the life and work of one of the twentieth century's leading social scientists.  

**An Integrated Approach to Communication Theory and Research** Don W. Stacks 2019-03-14  
This new edition provides a comprehensive overview of current theory and research written by the top theorists and researchers in each area. It has been updated to address the growing influence of technology, changing relationships, and several growing integrated approaches to communication and includes seven new chapters on: ■ Digital Media ■ Media Effects ■ Privacy ■ Dark Side ■ Applied Communication ■ Relational Communication ■ Instructional Communication ■ Communication and the Law  
The book continues to be essential reading for students and faculty who want a thorough overview of contemporary communication theory and research.  

**Mass Communication Theories** Melvin L. DeFleur 2016-01-08  
Mass Communication Theories: Explaining Origins, Processes, and Effects explores mass communication theories within the social and cultural context that influenced their origins. An intimate examination of the lives and times of prominent mass communication theorists both past and present bring the subject
Theory construction Hubert M. Blalock 1969

Mathematical Ideas and Sociological Theory Thomas J. Fararo 1984 First Published in 1984. Routledge is an imprint of Taylor & Francis, an informa company.


Using theory, research evidence and experiential knowledge is a critical component of good social work. This unique text is designed to help social work students and practitioners to integrate theorizing into practice, demonstrating how to search for, select and translate academic knowledge for practical use in helping people improve their lives and environments. Presenting 32 core skills, Skills for Using Theory in Social Work provides a conceptual foundation, a vocabulary, and a set of skills to aid competent social work theorizing. Each chapter outlines the knowledge and action components of the skill and its relationship to core practice behaviours, along with learning and reflection activities. The lessons are divided into four parts: Section one discusses foundational material, including self-identification as a theorist-practitioner, the deliberate use of the term theory, and a social work approach to the selection of knowledge. Section two focuses on the adept use of theorizing skills. It covers identifying assumptions, using concepts, formulating propositions, organizing theory elements inductively or deductively, summarizing and displaying the elements of a theory, gathering and organizing assessment information and communicating with clients and colleagues about tentative theories. Section three includes lessons preparing social workers for the construction of useful middle-range theories including causal theories and interpretive theories and for testing and sharing these practical theories. Section four presents skills to develop critical thinking about theoretical knowledge. These include avoiding the misuse of theory, judging a theory using scientific standards, judging a theory by professional standards, critiquing theory in its cultural and historical context and making judgments about the likely long-term impact of a theory. This key text will help readers to demonstrate their expertise in reflective, competent, and theory-informed practice. It is suitable for all social work students and practitioners, particularly those taking practice, theory and human behaviour in the social environment courses.

Revitalizing Causality Ruth Groff 2007-12-18

This cutting edge collection of new and previously published articles by philosophers and social scientists addresses just what it means to invoke causal mechanisms, or powers, in the context of offering a causal explanation. A unique collection, it offers the reader various disciplinary and inter-disciplinary divides, helping to stake out a new, neo-Aristotelian position within contemporary debate.

A Mathematics Course for Political and Social Research Will H. Moore 2013-07-24

Political science and sociology increasingly rely on mathematical modeling and sophisticated data analysis, and many graduate programs in these fields now require students to take a "math camp" or a semester-long or yearlong course to acquire the necessary skills. Available textbooks are written for mathematics or economics majors, and fail to convey to students of political science and sociology the reasons for learning often-abstract mathematical concepts. A Mathematics Course for Political and Social Research fills this gap, providing both a primer for math novices in the social sciences and a handy reference for seasoned researchers. The book begins with the fundamental building blocks of mathematics and basic algebra, then goes on to cover essential subjects such as calculus in one and more than one variable, including optimization, constrained optimization, and implicit functions; linear algebra, including Markov chains and eigenvectors; and probability. It describes the intermediate steps most other textbooks leave out, features numerous exercises throughout, and grounds all concepts by illustrating their use and importance in political science and
sociology. Uniquely designed and ideal for students and researchers in political science and sociology. Uses practical examples from political science and sociology. Features "Why Do I Care?" sections that explain why concepts are useful. Includes numerous exercises. Complete online solutions manual (available only to professors, email david.siegel at duke.edu, subject line "Solution Set"). Selected solutions available online to students.

Contemporary Sociological Theory
Jonathan H. Turner
2012-09-20

Written by award-winning scholar, Jonathan Turner, Contemporary Sociological Theory covers the range of diversity of theory in nine theoretical traditions, and variants of theoretical approaches in these traditions. The result is a comprehensive review of present-day theorizing in sociology covering functional, evolutionary, ecological, conflict, interactionist, exchange, structuralist, cultural, and critical theories and the major proponents of these theories. Moreover, for each theoretical tradition, its origins are examined in a separate chapter with an eye to how classical theorists influenced the work of key contemporary scholars. This book will serve as a valuable resource for those readers seeking in-depth and comprehensive coverage of contemporary traditions in their historical contexts. Unlike many texts, coverage is comprehensive and deep. The theories and their origins are examined in detail so that readers can fully understand the origins and present profile of theories in present-day sociology. Unlike many texts that skim over theories on the surface, this book seeks to unlock for the reader their underlying structure of each theory. The book is written in a modular format so that theories and traditions can be examined in any order, and in many diverse combinations. If desired, only the contemporary theories can be read without attention to their historical contexts, or the reverse is true if readers want to understand the historical origins of a particular theoretical tradition. Since Jonathan Turner is an active theorist in his own right, he brings to the book an appreciation of how theories are created as an insider rather than as only a commentator on theory. As such, he is able to bring out the underlying assumptions, structure, and form of a theory in new and interesting ways for casual readers and scholars alike.

Handbook of Social Theory
George Ritzer
2003-07-26

The Handbook of Social Theory presents an authoritative and panoramic critical survey of the development, achievement and prospects of social theory.

How to Build Social Science Theories
Pamela J. Shoemaker
2003-12-10

As straightforward as its title, How to Build Social Science Theories sidesteps the well-traveled road of theoretical examination by demonstrating how new theories originate and how they are elaborated. Essential reading for students of social science research, this book traces theories from their most rudimentary building blocks (terminology and definitions) through multivariable theoretical statements, models, the role of creativity in theory building, and how theories are used and evaluated. Authors Pamela J. Shoemaker, James William Tankard, Jr., and Dominic L. Lasorsa intend to improve research in many areas of the social sciences by making research more theory-based and theory-oriented. The book begins with a discussion of concepts and their theoretical and operational definitions. It then proceeds to theoretical statements, including hypotheses, assumptions, and propositions. Theoretical statements need theoretical linkages and operational linkages; this discussion begins with bivariate relationships, as well as three-variable, four-variable, and further multivariate relationships. The authors also devote chapters to the creative component of theory-building and how to evaluate theories.

The Dark Side of Families
1983-03

This series of articles portrays the state of the art on family violence and abuse research, crystallizes the key interdisciplinary issues confronting family violence and abuse researchers, and suggests...
a research agenda for the coming years. Although the chapters cover a broad spectrum of issues and controversies in the areas of wife abuse, child abuse, the sexual abuse of children, and marital rape, a number of common themes and issues emerge.

First, many chapters share the perspective that violence and abuse emerge from the nature of social arrangements. Second, even though many different forms of family violence and abuse are discussed, several chapters explore their commonalities and important etiological differences. A number of articles examine the common effects of victimization across various forms of family violence and abuse. A third common theme of the papers is an expansion of research efforts to groups other than victims of family violence and abuse, as there are chapters that examine the individual and social characteristics of male perpetrators of both wife abuse and child abuse as well as chapters that focus on the attitudes and behaviors of professional groups concerned with the treatment of victims of family violence and abuse. The volume shows great methodological diversity and attention to theoretical detail; the research presented reveals the possibility of a more comprehensive social science approach to the study of family violence and abuse. In work related to theory building, one chapter explains a number of findings in the child abuse and neglect literature using propositions derived from evolutionary biology; another paper distills propositions from several theoretical traditions. In conjunction with these efforts, several chapters report research designed to test competing propositions. Chapter references and research data are provided.

The New History Theodore K. Rabb 2017-03-14 In this volume a diverse group of leading historians analyzes the future needs of their craft and suggests the many ways in which scholars of the near future will interpret the events of earlier years. Originally published in 1983. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

Frontiers of Social Theory George Ritzer 1990 This book presents essays reflecting the current state and near-term prospects of sociological theory.

Advancing Information Systems Theories Nik Rushdi Hassan 2021-03-21 The information systems (IS) field represents a multidisciplinary area that links the rapidly changing technology of information (or communications and information technology, ICT) to the business and social environment. Despite the potential that the IS field has to develop its own native theories to address current issues involving ICT it has consistently borrowed theories from its “reference disciplines,” often uncritically, to legitimize its research. This volume is the first of a series intended to advance IS research beyond this form of borrowed legitimization and derivative research towards fresh and original research that naturally comes from its own theories. It is inconceivable for a field so relevant to the era of the hyper-connected society, disruptive technologies, big data, social media, “fake news” and the weaponization of information to not be brimming with its own theories. The first step in reaching the goal of developing native IS theories is to reach an agreement on the need for theory (its rationale) and its role as the most distinctive product of human intellectual activity. This volume addresses what theories are, why bother with theories and the process of theorizing itself because the process of developing theories cannot be divorced from the product of that process. It will lay out a research agenda for decades to come and will be invaluable reading for any academic in the IS field and related disciplines concerned with information, systems, technology and their management.
Theory and Methods in Sociology  John Hughes 2017-09-16 This book offers a guide to sociology that explores its theoretical and methodological dimensions. Aiming to provide the reader with a sense of the reasoned character of the discipline, it traces how different theories and methods relate to one another, exploring the particular problems they spawn and the debates that have arisen in response.

Mathematics and Science  Ronald E Mickens 1990-08-23 The purpose of this review volume is to present the opinions of a number of distinguished individuals who have given careful thought as to why mathematics is so “unreasonably effective” when applied to the analysis of the natural sciences. Contents:

- On the Effectiveness and Limits of Mathematics in Physics (A O Barut)
- Why is the Universe Knowable? (P C W Davies)
- Mathematics in Sociology: Cinderella's Carriage or Pumpkin? (P Doreian)
- Fundamental Roles of Mathematics in Science (D Greenspan)
- Inner Vision, Outer Truth (R Hersh)
- Mathematics and the Natural Order (W G Holladay)
- A Few Systems-Colored Views of the World (Yi Lin)
- The Reasonable Effectiveness of Mathematical Reasoning (S Mac Lane)
- Three Aspects of the Effectiveness of Mathematics in Science (L Narens & R D Luce)
- Mathematics and Natural Philosophy (R L Oldershaw)
- Mathematics and the Language of Nature (F David Peat)
- The Reason Within and the Reason Without (J Polkinghorne)
- The Modelling Relation and Natural Law (R Rosen)
- Structure and Effectiveness (L V Shelton)
- Psychology and Mathematics (J T Townsend & H Kadlec)
- Ariadne’s Thread: The Role of Mathematics in Physics (H C von Baeyer)
- The Disproportionate Response (B J West)
- The Unreasonable Effectiveness of Mathematics in the Natural Sciences (E P Wigner)
- The Effectiveness of Mathematics in Fundamental Physics (A Zee)

Readership: Mathematicians, natural and social scientists, philosophers, and historians of science. Keywords: Philosophy of Mathematics; Relationship of Mathematics to the Sciences; Mathematical Modeling; Natural Philosophy; Effectiveness of Mathematics; Structure of Mathematics; History of Mathematics; What is Knowledge; Limits of Mathematics

Family Theories  James M. White 2014-02-19 The Fourth Edition of James M. White, David M. Klein, and Todd F. Martin’s bestselling Family Theories: An Introduction offers a thorough and accessible approach to the most current perspectives in family theory. Rich in detail yet exceptionally concise, the text’s analytical structure draws from such major theoretical frameworks as social exchange and choice, symbolic-interaction, family life course development, systems, conflict, feminism, and ecology to explain variation in families. Thoroughly updated, this new edition helps readers connect theory to everyday life.

Reconstructing Sociology  Douglas V. Porpora 2015-08-31 Critical realism is a philosophy of science that positions itself against the major alternative philosophies underlying contemporary sociology. This book offers a general critique of sociology, particularly sociology in the United States, from a critical realist perspective. It also acts as an introduction to critical realism for students and scholars of sociology. Written in a lively, accessible style, Douglas V. Porpora argues that sociology currently operates with deficient accounts of truth, culture, structure, agency, and causality that are all better served by a critical realist perspective. This approach argues against the alternative sociological perspectives, in particular the dominant positivism which privileges statistical techniques and experimental design over ethnographic and historical approaches. However, the book also compares critical realism favourably with a range of other approaches, including poststructuralism, pragmatism, interpretivism, practice theory, and relational sociology. Numerous sociological examples are included, and each chapter addresses well-known and current work in sociology.

Applications of Mathematics in Models, Artificial Neural
The book shows a very original organization addressing in a non-traditional way, but with a systematic approach, to who has an interest in using mathematics in the social sciences. The book is divided into four parts: (a) a historical part, written by Vittorio Capecchi which helps us understand the changes in the relationship between mathematics and sociology by analyzing the mathematical models of Paul F. Lazarsfeld, the model of simulation and artificial societies, models of artificial neural network and considering all the changes in scientific paradigms considered; (b) a part coordinated by Pier Luigi Contucci on mathematical models that consider the relationship between the mathematical models that come from physics and linguistics to arrive at the study of society and those which are born within sociology and economics; (c) a part coordinated by Massimo Buscema analyzing models of artificial neural networks; (d) a part coordinated by Bruno D’Amore which considers the relationship between mathematics and art. The title of the book "Mathematics and Society" was chosen because the mathematical applications exposed in the book allow you to address two major issues: (a) the general theme of technological innovation and quality of life (among the essays are on display mathematical applications to the problems of combating pollution and crime, applications to mathematical problems of immigration, mathematical applications to the problems of medical diagnosis, etc.) (b) the general theme of technical innovation and creativity, for example the art and mathematics section which connects to the theme of creative cities. The book is very original because it is not addressed only to those who are passionate about mathematical applications in social science but also to those who, in different societies, are: (a) involved in technological innovation to improve the quality of life; (b) involved in the wider distribution of technological innovation in different areas of creativity (as in the project "Creative Cities Network" of UNESCO).