
Chapter 1

Introduction Uni Halle

Chemical Structure–Biological Activity
Relationships: Quantitative Approaches
Political Representation in France and Germany
Database and Expert Systems Applications
Politics and Policies in Upper Guinea Coast
Societies
The Political Role of Corporations
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Bridging the Gap Between Algorithm Theory and
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Handbook of Complex Analysis
Suicide and Agency
A Cosmography of Man
F. W. Krummacher: an autobiography. Edited by
his daughter. Translated by M. G. Easton. With a

preface by Professor Cairns, etc
Attitudes and Activities of Citizens and MPs
Enzymatic Polymerizations
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Integrated Methods Part A
28th International Conference, DEXA 2017, Lyon,
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A Key Moment in the History of a Learned
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Proceedings of the 3rd Congress of the Hungarian
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Natural Product Biosynthesis by Microorganisms
and Plants
Natural Product Biosynthesis by Microorganisms
and Plants
Festschrift in Honour of Ursula Gather
Change and Continuity

*Chapter 1
Introduction
Uni Halle*

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ELSA JAELYN

Chemical
Structure–Biological
Activity Relationships:
Quantitative
Approaches Elsevier
This special issue of
The Enzymes is
targeted towards
researchers in
biochemistry,
molecular and cell
biology, pharmacology,
and cancer. This
volume discusses
Eukaryotic RNases and
their partners in RNA
degradation and
biogenesis.
Contributions from
leading authorities
Informs and updates
on all the latest
developments in the
field
Political Representation
in France and Germany
Academic Press

This book consists of
five introductory
contributions by
leading
mathematicians on the
functional analytic
treatment of evolutions
equations. In particular
the contributions deal
with Markov
semigroups, maximal
 L^p -regularity, optimal
control problems for
boundary and point
control systems,
parabolic moving
boundary problems
and parabolic
nonautonomous
evolution equations.
The book is addressed
to PhD students, young
researchers and
mathematicians doing
research in one of the
above topics.
Database and Expert
Systems Applications
Springer
Advances in Microbial
Physiology: Advances
in Bacterial Electron

Transport Systems and Their Regulation, the latest volume in the Advances in Microbial Physiology series, continues the long tradition of topical and important reviews in microbiology, with this latest volume focusing on the advances in bacterial electron transport systems and their regulation.

Contains contributions from leading authorities in the field of microbial physiology
 Informs and updates on all the latest developments in the field
 Presents a primary focus for this edition on the advances made in bacterial electron transport systems and their regulation

Politics and Policies in Upper Guinea Coast Societies Springer
 Science & Business

Media

This is the first comprehensive volume on Dipeptidyl Aminopeptidases that can be marketed to a wide variety of disciplines, as well as to a variety of clinicians. Leading experts in the field contribute to this state-of-the-art view on these enzymes. This book comes at a time when our understanding of their function is growing ever more rapidly and therapeutic options have become imminent.

The Political Role of Corporations Frontiers
 Media SA

This book examines the radical changes in social and political landscape of the Upper Guinea Coast region over the past 30 years as a result of civil wars,

post-war interventions by international, humanitarian agencies and peacekeeping missions, as well as a regional public health crisis (Ebola epidemic). The emphasis on 'crises' in this book draws attention to the intense socio-transformations in the region over the last three decades. Contemporary crises and changes in the region provoke a challenge to accepted ways of understanding and imagining socio-political life in the region – whether at the level of subnational and national communities, or international and regional structures of interest, such as refugees, weapon trafficking, cross-border military incursions, regional

security, and transnational epidemics. This book explores and transcends the central explanatory tropes that have oriented research on the region and re-evaluates them in the light of the contemporary structural dynamics of crises, changes and continuities.

Recent Advances

Springer Science & Business Media

This Festschrift in honour of Ursula Gather's 60th birthday deals with modern topics in the field of robust statistical methods, especially for time series and regression analysis, and with statistical methods for complex data structures. The individual contributions of leading experts provide a textbook-

style overview of the topic, supplemented by current research results and questions. The statistical theory and methods in this volume aim at the analysis of data which deviate from classical stringent model assumptions, which contain outlying values and/or have a complex structure. Written for researchers as well as master and PhD students with a good knowledge of statistics.

*Bridging the Gap
Between Algorithm
Theory and Practice*
Elsevier

Calixarene chemistry, at the turn of the millennium, is a field approaching true maturity. In many areas, applications are real and important, and the arsenal of structures based on calixarenes provides

tools effective in numerous areas of supramolecular chemistry. In this book, chapters contributed by a broad spectrum of international authors provide a variety of perspectives upon the progress and future of calixarene chemistry. Issues covered in depth include:

Calixarene synthesis, with all its subtleties and sophistication. Forces at play in the inclusion of neutral and charged molecules by calixarenes.

Theoretical analyses of calixarene properties. Dynamics and thermodynamics of calixarenes and their complexes.

Nanocomposite construction based on calixarene aggregates. Calixarenes on surfaces. Analytical applications of

calixarenes. Catalysis by calixarenes and their complexes. Resource recovery and waste treatment with calixarenes. New directions in calixarene chemistry. Hetero- and homo-calixarenes. Bioactive calixarenes. Coordination chemistry of calixarenes. Calixarenes in the solid state.

Geopolitical Transformations in Higher Education

Springer Science & Business Media
Designed to reform contemporary British society, Joseph Addison and Richard Steele's *The Tatler* (1709-1711) and *The Spectator* (1711-1712, 1714) rely heavily on the representation of contemporary manners. In shaping such behavioural images, the authors

made use of the satirical character sketch. Their character sketches (re)create social interactions between fictionalised representatives of moral types of men and women located in contemporary London. This study examines how Addison and Steele employed the character sketch to create a 'cosmography' of (wo)man by actively engaging with the observational approaches of contemporary naturalists. Addison and Steele adapted distinctly empirical methods (e.g. induction and deduction, note taking, repeated and collective observation) and appropriated the (medico-legal) case study to communicate and disseminate socio-

moral knowledge. At the same time, the character sketch served them as a means to establish a taxonomic order of the socio-moral knowledge conveyed in the texts. The study sheds new light on the literary techniques and the methodological frameworks of two journals essentially associated with the British - and the European - Enlightenment.

**Imagining,
Fabricating and
Contesting**

Innovation Springer
Science & Business
Media

This new volume of *Methods in Enzymology* continues the legacy of this premier serial by containing quality chapters authored by leaders in the field. The

second of 3 volumes covering Natural product biosynthesis by microorganisms and plants. This new volume continues the legacy of this premier serial Contains quality chapters authored by leaders in the field The second of 3 volumes it has chapters on such topics as biological chlorination, bromination and iodination, and phylogenetic approaches to natural product structure prediction

**Teyler's Foundation
in Haarlem and Its
'Book and Art Room'
of 1779** Springer

Science & Business
Media

This book explores how universities as organizations influence and construct the production of academic elites and elitist

institutions. It analyzes the role played by the reorganization of higher education (HE) institutions, stimulated by new performance-based narratives aimed at building attractiveness towards stakeholders such as governments, prospective employers, academics, and students. Based on American, European, and Asian case studies of HE systems and institutions considered at various scales, the volume analyzes the consequences of increasing competition between HE institutions which are facing challenges such as the internationalization of higher education supply, the shortage of public resources and the structural changes of labor market

demands. It argues that policy discourses and tools, as well as assessment devices such as rankings and accreditation, incentivize HE institutions to develop positioning strategies that contribute to stratification and the production of elites. It will be of great interest to students and researchers in the fields of higher education, sociology, and education policy. Eukaryotic RNases and Their Partners in RNA Degradation and Biogenesis Ashgate Publishing, Ltd. This volume unites the perspective of business ethics with approaches from strategic management, economics, law, political science, and with philosophical reflections on the

theory of Corporate Citizenship and New Governance. In view of the internationalization of the (global) economy and the free movement of capital, new instruments of political coordination are needed. These societal changes trigger the two closely intertwined challenges examined in this book. The first challenge relates to the role and the self-conceptualization of business firms as corporate citizens within society. Companies are increasingly expected to assume the social responsibility of helping to shape the rule-framework of globalization. The second challenge refers to the form of the engagement in local, national and

international processes of governance. To more credibly and effectively tackle these challenges, corporate actors are ever more participating in rule-setting processes together with civil society organizations and the government.

Functional Analytic Methods for Evolution Equations

Academic Press
Stroke is a major health concern worldwide, and the epidemiological data is staggering. One in six people will have a stroke during the course of their life; it is the second most common cause of death; and stroke also ranks second among causes contributing to the global burden of disability. However, the burden of stroke can be alleviated: it is

potentially preventable, treatable, and possible to manage long term. Despite continuing advances in our knowledge about this disease, there is currently still a large evidence-to-clinical practice gap in all regions. The Oxford Textbook of Stroke and Cerebrovascular Disease is a comprehensive textbook on clinical stroke, covering all major aspects of cerebrovascular disease including epidemiology, risk factors, primary prevention, pathophysiology, diagnostics, clinical features, acute therapies, secondary prevention, prognosis, and rehabilitation. It makes use of current pedagogic principles,

and includes not only aspects on management in the acute hospital phase of stroke, but also public health issues, prevention, long-term management, and silent vascular disease (which is becoming increasingly epidemic in the general population). Topical aspects also include advice to improve clinical skills in examination, diagnosing, and treating stroke. The text also covers the fields of silent cerebrovascular disease (silent brain infarcts, microbleeds, white matter ischemic abnormalities) that more recently have been recognized to be highly prevalent in the general population, and that carry important risks on

vascular events and cognitive decline/dementia. Chapters are written by a most distinguished group of international experts in the field of stroke from around the world, and have been carefully edited to ensure consistency in style and clarity of contents. The concurrent online version allows access to the full content of the textbook, contains links from the references to primary research journal articles, allows full text searches, and provides access to figures and tables that can be downloaded to PowerPoint®. Practical, easy to use, yet detailed with respect to pathophysiology, diagnostics, and management, this text provides a source of

reference for the detection and management of all stroke and less common cerebrovascular diseases for practising and trainee neurologists, geriatricians, and all stroke physicians and clinicians.

Plant Cell Biology

Routledge

Geometric Function Theory is that part of Complex Analysis which covers the theory of conformal and quasiconformal mappings. Beginning with the classical Riemann mapping theorem, there is a lot of existence theorems for canonical conformal mappings. On the other side there is an extensive theory of qualitative properties of conformal and quasiconformal

mappings, concerning mainly a priori estimates, so called distortion theorems (including the Bieberbach conjecture with the proof of the Branges). Here a starting point was the classical Schwarz lemma, and then Koebe's distortion theorem. There are several connections to mathematical physics, because of the relations to potential theory (in the plane). The Handbook of Geometric Function Theory contains also an article about constructive methods and further a Bibliography including applications eg: to electrostatic problems, heat conduction, potential flows (in the plane). · A collection of independent survey articles in the field of

Geometric Function Theory · Existence theorems and qualitative properties of conformal and quasiconformal mappings · A bibliography, including many hints to applications in electrostatics, heat conduction, potential flows (in the plane).
Handbook of Complex Analysis
 Springer Science & Business Media
 This text provides a new proof of Glauberman's Z^* -Theorem under the additional hypothesis that the simple groups involved in the centraliser of an isolated involution are known simple groups.
Suicide and Agency
 Academic Press
 Tumor Immunology and Immunotherapy
 Integrated Methods -

Part A, Volume 635 in the Methods in Enzymology series, continues the legacy of this premier serial with quality chapters authored by leaders in the field. Specific chapters to this release include Deconvolution of the immunological contexture of mouse tumors with multiplexed immunohistochemistry, High-dimensional multiplexed immunohistochemical characterization of immune contexture in human cancers, Multiplex assay by IHC for melanoma tumor microenvironment evaluation, Characterization of the tumor immune microenvironment by multispectral image analysis of multiplex immunofluorescence images, Phenotyping of

immune cells in situ using multispectral imaging quantification, and much more. Authored by leaders in the field of enzymology Provides a comprehensiveness level of discussion on the field Presents a highly specialized group of topics that delve deep into new updates and future prospects

A Cosmography of Man Elsevier

Emotions have moved center stage in many contemporary debates over religious diversity and multicultural recognition. As in other contested fields, emotions are often one-sidedly discussed as quintessentially subjective and individual phenomena, neglecting their social and cultural constitution. Moreover,

emotionality in these debates is frequently attributed to the religious subject alone, disregarding the affective anatomy of the secular. This volume addresses these shortcomings, bringing into conversation a variety of disciplinary perspectives on religious and secular affect and emotion. The volume emphasizes two analytical perspectives: on the one hand, chapters take an immanent perspective, focusing on subjective feelings and emotions in relation to the religious and the secular. On the other hand, chapters take a relational perspective, looking at the role of affect and emotion in how the religious and the secular constitute

one another. These perspectives cut across the three main parts of the volume: the first one addressing historical intertwinements of religion and emotion, the second part emphasizing affects, emotions, and religiosity, and the third part looking at specific sensibilities of the secular. The thirteen chapters provide a well-balanced composition of theoretical, methodological, and empirical approaches to these areas of inquiry, discussing both historical and contemporary cases. *F. W. Krummacker: an autobiography. Edited by his daughter. Translated by M. G. Easton. With a preface by Professor Cairns, etc* Springer

This book constitutes the refereed proceedings of five workshops symposia, held at the 37th International Conference on Conceptual Modeling, ER 2018, in Xi'an, China, in October 2018. The 42 papers promote and disseminate research on theories of concepts underlying conceptual modeling, methods and tools for developing and communicating conceptual models, techniques for transforming conceptual models into effective implementations, and the impact of conceptual modeling techniques on databases, business strategies and information systems. The following workshops are included

in this volume: Emp-ER: Empirical Methods in Conceptual Modeling, MoBiD: Modeling and Management of Big Data, MREBA: Conceptual Modeling in Requirements and Business Analysis, QMMQ: Quality of Models and Models of Quality, SCME: Conceptual Modeling Education.

Attitudes and Activities of Citizens and MPs
Springer Science & Business Media

This book discusses the central role education and research play in generating both value and comparative advantages in the (imageries of) global competition, competitiveness and transnational value chains. They are seen as assets placed at the forefront of

developments that are arguably reshaping individuals, society and economy. This edited volume explores these developments in terms of changing relations between society, economy, science and individuals. The idea that we live in global knowledge societies and knowledge-based economies or that present-day productive systems constitute an industry 4.0 have gained currency as descriptions of contemporary society that are said to bear direct and indirect consequences for political, economic, and social orders. In this context, innovation, science and education are central themes in contemporary discussions about the future of modern

societies. Innovation is enthusiastically embraced as the panacea for all sorts of societal issues of our times; science is equally deemed to play a decisive role in solving current problems and in heralding a bright future with more wealth and more welfare for all citizens; education is conferred the task to producing individuals equipped with both skills and competences considered key to innovation but also displaying the attitudes and dispositions that will secure continuous innovation and economic growth.

Enzymatic Polymerizations

Academic Press

This book will gather current research in early childhood

mathematics education. A special focus will be the tension between instruction and construction of knowledge. The book includes research on the design of learning opportunities, the development of mathematical thinking, the impact of the social setting and the professionalization of nursery teachers.

Affect and Emotion in Multi-Religious Secular Societies EOLSS

Publications

Chemical Engineering and Chemical Process Technology is a theme component of Encyclopedia of Chemical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an

integrated compendium of twenty Encyclopedias. Chemical engineering is a branch of engineering, dealing with processes in which materials undergo changes in their physical or chemical state. These changes may concern size, energy content, composition and/or other application properties. Chemical engineering deals with many processes belonging to chemical industry or related industries (petrochemical, metallurgical, food, pharmaceutical, fine chemicals, coatings and colors, renewable raw materials, biotechnological, etc.), and finds application in manufacturing of such products as acids, alkalis, salts, fuels,

fertilizers, crop protection agents, ceramics, glass, paper, colors, dyestuffs, plastics, cosmetics, vitamins and many others. It also plays significant role in environmental protection, biotechnology, nanotechnology, energy production and sustainable economical development. The Theme on Chemical Engineering and Chemical Process Technology deals, in five volumes and covers several topics such as: Fundamentals of Chemical Engineering; Unit Operations – Fluids;

Unit Operations – Solids; Chemical Reaction Engineering; Process Development, Modeling, Optimization and Control; Process Management; The Future of Chemical Engineering; Chemical Engineering Education; Main Products, which are then expanded into multiple subtopics, each as a chapter. These five volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.