The aim of this book is to advocate and promote network models of linguistic systems that are both based on thorough evolutionary and neurolinguistic research. It is intended to provide a theoretical basis for the life model, which is the basis for all linguistic systems. This book addresses researchers who want to get an overview of the field of network research and understand the empirical evaluation in the field of complex linguistic networks. It is intended to all those who are interested in statistical models of linguistic systems from the point of view of network research. This includes all relevant areas of biology with which the chapters collected here share the view on systems from the point of view of network analysis.

Educational linguistics is transcultural, with research in the field adopting an international scope. Educational policy and practice differ across countries, and sometimes even among provinces, local educational authorities, and schools. However, a globalized world needs to share the various meanings of “knowing a language” and “teaching a language”, as language is an essential part of human communication and interaction. The framework offered here is built on eight “hypotheses”, logical models that provide the potential common core of a non-culture-bound theory of language education and of language teaching. The book thus aims to be shared in both theoretical and practical research in edu-linguistics, consequently going beyond the borders implied by such titles as European framework, American standards, and Chinese guidelines.

This new introductory theory book addresses the underlying information needed to understand theory and apply it to educational practice. The book contains theoretical knowledge in such IT areas as enterprise architecture, information security, service management, and infrastructure management. It describes the models and approaches to assess the cost of ownership and organizational aspects of IT. The book will be a good asset for IT managers and heads of IT units. The material is presented in a logical order for the methodical study of all aspects of IT operations, as well as using it as a handbook.

A Theoretical Basis for the Design of a Schelduling System

The book's principal aim is to clarify fundamental concepts, decipher mathematical structures used to model space-time processes and events, and present a broad range of mathematical tools essential for an understanding of the theories of relativity. Both special and general theories of relativity are presented in the book, with the stress on their global aspects. The book describes global mathematical methods and concepts, short comments and examples make reading smooth without the need to consult other textbooks or review papers.

Estimating Probabilities of Extreme Floods

A Comprehensive Method, Tools, and Techniques for Building Sound Theory

Richard Swanson and Thomas Chermack present a comprehensive guide for building sound theories in any discipline. The book can be used as a textbook in courses or training programs, the text is designed to fully meet the needs of students. Content includes the history of the development of nursing science and theory; an introduction to the analysis and evaluation of a theory; concept and theory development; an overview of the grand nursing theories. Special features include chapter opening case studies and learning activities.
Theoretical Framework for Language Education and Teaching

A Theoretical Basis for University Planning

A complete revision of Goody's classic 1964 work, this volume offers a systematic discussion of atmospheric radiation. It deals with the ways in which incident solar radiation is transformed into scattered and thermal radiation, and the thermodynamic consequences for the Earth's gaseous envelope, identifying aspects of the interaction between radiation and...