# Lotka-Volterra and Related Systems

By Ahmad, Shair / Stamova, Ivanka M.

Condition: New. Publisher/Verlag: De Gruyter | Recent Developments in Population Dynamics | The De Gruyter Series in Mathematics and Life Sciences is devoted to the publication of monographs in the field. They cover topics and methods in fields of current interest that use mathematical approaches to understand and explain, model and influence phenomena in all areas of life sciences. This includes, among others, theory and application of biological mathematical modeling, complex systems biology, bioinformatics, computational biomodeling stochastic modeling, biostatistics, computational evolutionary biology, comparative genomics, or structural bioinformatics. Also, new types of mathematical problems that arise from biological knowledge shall be covered. | In recent years, there has been a tremendous amount of research activity in the general area of population dynamics, particularly the Lotka-Volterra system, which has been a rich source of mathematical ideas from both theoretical and application points of view. In spite of the technological advances, many authors seem to be unaware of the bulk of the work that has been done in this area recently. This often leads to duplication of work and frustration to the authors as well as to the editors of various journals. This book is built out of lecture notes and consists of...

READ ONLINE
[ 5.46 MB ]

## Reviews

*The book is fantastic and great. I have got read through and i am confident that i will planning to read yet again once again in the foreseeable future. I found out this book from my dad and i recommended this publication to discover.*
*-- Prof. Nicole Zieme*

*This ebook is great. I really could comprehended every thing using this composed e ebook. Its been designed in an exceedingly simple way and it is only following i finished reading this publication where basically modified me, modify the way in my opinion.*
*-- Herminia Blanda*