

PREFACE

The present book is a collection of papers which have been accepted for publication after a peer review evaluation by the Editorial Board of the BIOMAT Consortium (<http://www.biomat.org>) and international referees adHoc. These papers have been presented on technical sessions of the BIOMAT 2016 International Symposium, the 16th Symposium of the BIOMAT Series which was held at the Chern Institute of Mathematics — Nankai University, Tianjin, People's Republic of China, from October 30th to November 04th, 2016. On behalf of the BIOMAT Consortium, we thank the Director of the Chern Institute, Prof. Chengming Bai, and the Chair of the BIOMAT 2016 Local Organizing Committee, Prof. Jishou Ruan of Nankai University. Ms. Hongqin Li, the Secretary of the Chern Institute, has used her professional expertise to provide very useful announcements to participants as well as changes on the Scientific Programme during the conference. We are also indebted to all those Chinese research students working on the registration office. Thanks so much for their unvaluable help.

Financial support has been provided by the Chern Institute in terms of fifty fellowships to cover living expenses with full pension accommodation of Keynote Speakers and selected participants. Special thanks are due to our colleagues of the Chern Institute and Nankai University for their hospitality in Tianjin.

The BIOMAT Consortium has succeed once more on its fundamental mission of enhancing the interdisciplinary scientific activities of Mathematical and Biological Sciences on Developing Countries with the organization of the BIOMAT 2016 Intenational Symposium. Participants from Western Europe, Asia, North and South America had the usual opportunity of exchanging scientific feedback of their research fields with their colleagues from P.R. China and excellent joint work is expected to appear in the near future.

The Editor of the book and President of the BIOMAT Consortium is very glad for the collaboration and critical support of his wife Carmem Lucia on the editorial work, from the reception of submitted papers for

the peer review procedure of BIOMAT Consortium Editorial Board to the ultimate publication of the Scientific Programme. He also thanks his research student S.C. de Albuquerque Neto from Federal University of Rio de Janeiro for his computational skills and technical expertise with LaTeX versions.

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