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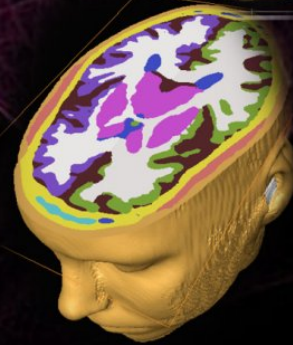
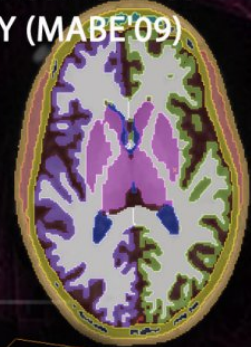
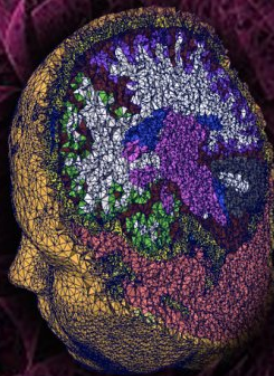
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RECENT ADVANCES in MATHEMATICAL BIOLOGY and ECOLOGY

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Proceedings of the 5th WSEAS International Conference
on MATHEMATICAL BIOLOGY and ECOLOGY (MABE'09)



Ningbo, China, January 10-12, 2009

Recent Advances in Biology and Biomedicine
A Series of Reference Books and Textbooks

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Preface

On behalf of the Program and Operating Committees of the 5th WSEAS International Conference on MATHEMATICAL BIOLOGY and ECOLOGY, we are pleased to welcome you to attend the MABE'09.

Held under the sponsorship of the WSEAS, the conference is co-organized by Zhejiang Wanli University, Ningbo, China and the Scientific Societies WSEAS, www.wseas.org, IASME, www.iasme.org and NAUN www.naun.org.

The conference will be held on January 10-12, 2008 at Zhejiang Wanli University, Ningbo, China. The scope of the Conference covers all the aspects of Biology and Ecology.

Ningbo is a seaport sub-provincial city with a population of 1,219,900 in northeastern Zhejiang province, People's Republic of China. Lying south of the Hangzhou Bay, and facing the East China Sea to the east, Ningbo borders Shaoxing to the west and Taizhou to the south, and is separated from Zhoushan by a narrow body of water.

Ningbo was one of China's oldest cities with a history dating back to 4800 B.C. the Hemudu culture. Ningbo was known as a major trading port along with Yangzhou and Guangzhou in the Tang dynasty; thereafter, the major ports for foreign trade in the Song dynasty. Ningbo was one of the five Chinese treaty ports opened by the Treaty of Nanjing (signed in 1842) at the end of the First Opium War between Britain and China. During the war, British forces took possession of the walled city of Ningbo briefly after storming the fortified town of Zhenhai at the mouth of the Yong River on October 10, 1841. In 1864 the forces of the Taiping Rebellion held the town for six months. Ningbo was once famed for traditional Chinese furniture production.

Zhejiang Wanli University (ZWU), situated in Ningbo Higher Education Zone, covers a total area of 951,809 square meters and consists of Huilong Campus and Qianhu Campus. ZWU has a very beautiful campus that is well-equipped, widely recognized by people from the education circle. In ZWU, there are Junior College, Business School, Law School, Faculty of Culture and Media, Faculty of Foreign Languages, Faculty of Art and Design, Faculty of Biological and Environmental Sciences, Faculty of Electronic and Information Engineering, Faculty of Computing and Information Technology as well as World College, Adult Education College, with 27 specialties of undergraduate (4-year program) and 30 specialties offering associate degree (3-year program), which contains such disciplines as economics, law, literature, science, engineering, agriculture and management. At present, the total number of full-time students at ZWU is over 16,000.

The accepted papers of this conference are published in this Book that will be indexed by ISI. Please, check it: www.worldses.org/indexes as well as in the CD-ROM Proceedings. They will be also available in the E-Library of the WSEAS. The best papers will be also promoted in many Journals for further evaluation.

Only in September of 2008, 21 (twenty one) books from WSEAS Press included in ISI: <http://worldses.org/indexes>. A very strong and important feature is that the WSEAS is going to give you a new username and password without expiry date for on-line access in the WSEAS Conference proceedings for ever. Several University Faculty Members and Senior Researchers that will be with us in the Conference will be invited as Members in the International Scientific Committee of the same conferences of WSEAS in 2009.

The WSEAS

Table of Contents

<u>The Application of Variance Analysys in Multi Attribute Methods of Decision for Optimal Factor Combination Choice in Experiment</u>	9
<i>Dragan Randjelovic</i>	
<u>Hypersensitive Response of a Harmonic Oscillator with Fluctuating Frequency to Noise Amplitude</u>	15
<i>Katrin Laas, Romi Mankin, Astrid Rekker</i>	
<u>An Application of Multiple Criteria Analysis to Assess Optimal Factor Combination in One Experiment</u>	21
<i>Dragan Randjelovic, Cemal Dolicanin, Milinko Milenkovic, Jovan Stojkovic</i>	
<u>Three-Dimensional Simulation of Rice Pollen Dispersal and Hybridization in Field Scale</u>	27
<i>Tomoki Ushiyama, Mingyuan Du, Satoshi Inoue, Hiroyuki Shibaïke, Seiichiro Yonemura, Shigeto Kawashima</i>	
<u>The Degradation, Prevention and Treatment of Black Soil in Jilin Province</u>	33
<i>Bian Hong-Feng, Sheng Lian-Xi, Yang Guang, Jiang Jing</i>	
<u>Chinese Real Estate Sector under Precommitment and Discretion Monetary Policy Rule</u>	39
<i>Bing Xu, Yafen Ye</i>	
<u>Enhancing Engineering Education with Virtual Technology: The Case of Industrial Engineering Curriculum</u>	45
<i>A. M. S. Hamouda, K. N. Al-Khalifa, Haslina Arshad</i>	
<u>Ground Penetrating Radar</u>	51
<i>Mansoor-Ul-Hassan Siddique</i>	
<u>Colour Vision Properties For Peel of Mango's Fruit: An Approach to Objective of Total Pigments Assessment: RGB, CMY And Total Pigments Relations Mathematical Guide</u>	55
<i>Ahmed Hammad, Farid Kassim</i>	
<u>Neural Network Algorithms Performance Measure for Intrusion Detection</u>	61
<i>Hassan I. M. Sayedahmed, Osama S. Fargalla, Nawal A. Elfeshawy</i>	
<u>PCU Evaluation for Non-Urban Roads</u>	67
<i>Som Nath Sachdeva</i>	
<u>Fuzzy Sliding Model Reference Adaptive Controller Design</u>	72
<i>Ali Mohamed Elmelhi, A. Tahir B. El Hashani</i>	
<u>Efficient SNR Enhancement Schemes on Wireless Electromagnetic Signal Environment</u>	78
<i>Hyun-So Lee, Yun-Ho Lee, Kyung-Seok Kim</i>	
<u>Fuzzy Learning Design for Neural Networks</u>	84
<i>Zhenkun Huang, Honghua Bin</i>	
<u>A New Quantum Immune Evolutionary Algorithm and its Application</u>	89
<i>Zhang Xiangxian, Qu Hongjian</i>	
<u>A New Quantum Clonal Algorithm</u>	93
<i>Gan Changsheng, Zhou Liang</i>	

