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Altri autori (Persone)	MisraJ. C
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Nota di contenuto	Detecting Mosaic Structures in DNA Sequence Alignments (D Husmeier); Application of Statistical Methodology and Model Design to Socio-Behaviour of HIV Transmission (J Oluwoye); A Stochastic Model Incorporating HIV Treatments for a Heterosexual Population: Impact on Threshold Conditions (R J Gallop et al.); Modeling and Identification of the Dynamics of the MF-Influenced Free-Radical Transformations in Lipid-Modeling Substances and Lipids (J Bentsman et al.); Computer Simulation of Self-Reorganization in Biological Cells (D Greenspan); Modelling Biological Gel Contraction by Cells: Consequences of Cell Traction Forces Distribution and Initial Stress (S Ramtani); Peristaltic Transport of Physiological Fluids (J C Misra & S K Pandey); Mathematical Modelling of DNA Knots and Links (J C Misra & S Mukherjee); Using Monodomain Computer Models for the Simulation of Electric Fields During Excitation Spread in Cardiac Tissue (G Plank); Flow in Tubes with Complicated Geometries with Special Application to Blood Flow in Large Arteries (G Jayaraman); Mathematical Modeling in Reproductive Biomedicine (S Sharma & S K Guha); Image Theory and Applications in Bioelectromagnetics (P D Einziger et al.); Dynamics of Humanoid Robots: Geometrical and Topological Duality (V G

	Ivancevic); The Effects of Body Composition on Energy Expenditure and Weight Dynamics During Hypophagia: A Setpoint Analysis (F P Kozusko); Mathematical Models in Population Dynamics and Ecology (R Dilao); Modelling in Bone Biomechanics (J C Misra & S Samanta).
Sommario/riassunto	This work on modelling and simulation in biomathematics is designed for researchers who are interested in the emerging areas of the field. Graduate students and lecturers in related areas should also find it useful. Some of the chapters have been written by known experts in the field.