

Biosafety Regulations And Practices In Biotechnology Industries

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Product Description

Biotechnology is defined as 'The application of biological methods or processes, to produce products useful to mankind'. It often involves making molecular changes in living things for their better utilization. Plant breeders and fermentation experts have for centuries laboured to improve the crops and microorganisms such as yeasts and bacteria, that produce food and medicine. Plant Breeding and Fermentation Technology, in fact, long preceded the scientific knowledge of Genetics. Modern Biotechnology or Genetic Engineering is the technology that makes possible the transfer of genes (DNA) from one organism to another, thus allowing the recipient organism to express traits or characteristics normally associated only with the donor. The new characteristics that the recipients gain, will never easily come to them through natural processes of gene transfer that occur in nature. Thus the scope for Genetic Engineering is far greater than the conventional techniques employed prior to our understanding of DNA.



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Authors

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Advanced Robotics Design & Applications

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Product Description

This book delivers an outline of an introduction to articulated robot mechanisms. Dynamics, and intelligent controls. Applications and exercises are tailored to experience servo-drives implementation. real-time control. Exercises are particularly composed for students to design and fabricate practical working robotic systems in supervised group-setting environments. * Artificial Intelligence (AI) in Humanoids-for Good not Evil. * Medical & Surgical Robots. * Nano Robots (Swarm) in Blood Cells Fighting Cancer. * Robot in Hazard Environment. * Military Robot-The Death Machine. * Galactic Robots-Mars Rovers. * Enhancing the National Economy of a Nation. * Robotics World- Championship. *Robots-Friend of Foe?



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Chapter 7: Mathematical Differential Motion.

Chapter 8: Robotic Force and Moments.

Chapter 9: Applied Forces and Energy.

Chapter 10: Humanoid Robots- Factory of the Future.

Author

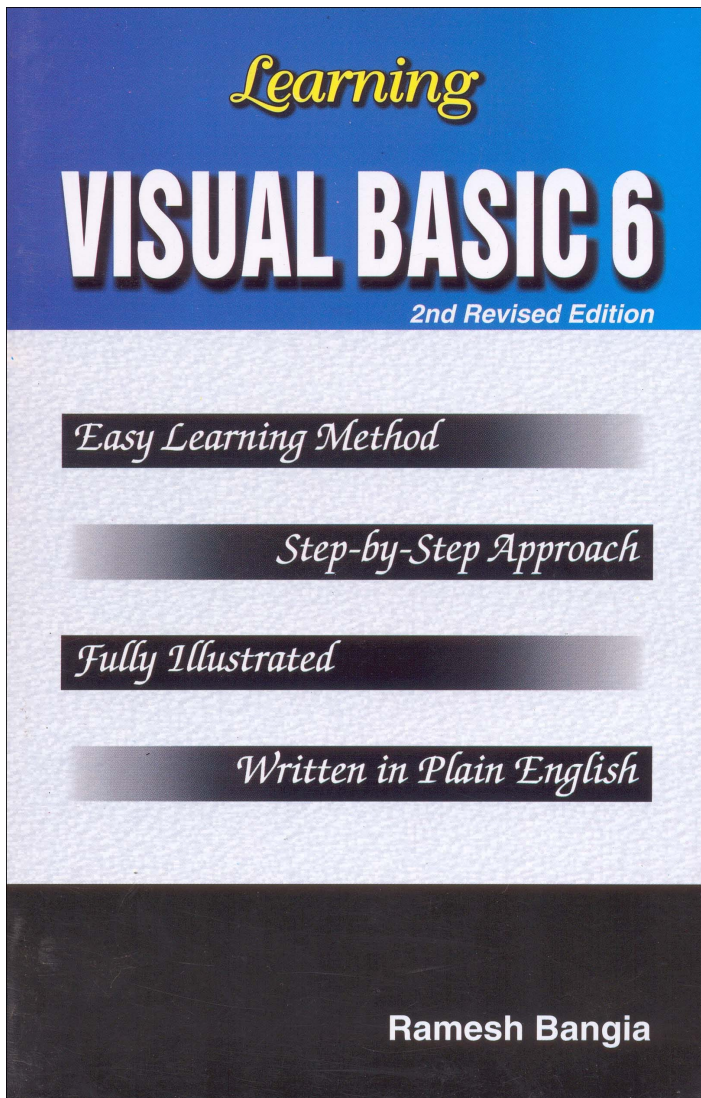
Sabrie Soloman, Ph.D, Sc.D., MBA, PE- he is the Chairman & CEO of American Senso Rx, Inc., USA; Founder of Advanced manufacturing Technology Post Graduate Studies at Columbia University, NY, USA; Professor of Advanced Technology at Columbia University Dr. Soloman Authored numbers of technical books published and translated worldwide: Sensors Handbook (2 Editions, Sensors and Control Systems in Manufacturing (2 edition); Affordable Automation; introduction to Electromechanical Engineering; Modern Welding Technology; 3D Printing Technology ; 3D Bioprinting Technology & Design to name a few. Dr. Soloman holds numerous patents, Technical Awards, and several US Product Registrations. Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continue to be instrumental in developing and implementing several industrial and modernization programs through the United Nations to Europe, Asia and African Countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems in the microelectronic and the meat industries, and the first to incorporate advanced vision technology in wide array of robot/ microrobot manipulators. Dr. Soloman was selected to deliver the Us presidential closing address “innovative Remote Sensors Technology”, at the universal Design Conference”, New York, USA. Dr. Soloman was the President of the International Christian Union at New Castle-Upon-Tyne University. He debated the “Origin of the Universe” before numerous attendees presenting his case against intellectuals and proponents of Big Bang’s Singularity in Great Britain.



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Learning Visual Basic 6

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Product Description

Visual basic is such a vast subject that it will take a lot of time to understanding it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.



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Authors

Ramesh Bangia For the last fifteen years, Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools, Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.





Dr. S. Mukherjee

Essentials of
ROBOTICS
PROCESS AUTOMATION

Essentials of Robotics Process Automation

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Product Description

This Robotics Process Automation book describes the RPA platform for the future of business process automation. More precisely this RPA book has tried to innumerate the followings: 1. RPA that brings speed to your digital transformation. 2. RPA helps to get rid of resource burden and it's consequences. 3. This emphasizes Business process automation must be in the hands frontline. 4. Only Automation Anywhere Enterprise combines consumer-like usability with enterprise-class reliability, and security for RPA that empowers the workforce to automate on their own, in real time. 5. What does RPA mean for business? Optimize labor investment Increase capacity on demand Increase speed and productivity Maximize availability Improve business process compliance Improve controls Improve auditability Enhance security deliver business intelligence Enable digital transformation Improve employee morale 6. Putting RPA to work and deploy your digital workforce in your businesses like insurance, finance, manufacturing and health care and also other. Deploy, manage and audit your Digital Workforce through a highly-intuitive RPA central command center, on-premise or in the cloud. This RPA book also enable you to learn more about AI and machine language also factory automation, safeguard your data, analyze old predict business performance, streamline your blended anywhere, big data ready for analytics. This book is made for BS/B,TECH and MS/M.TECH/MCA/MBA student who will have in-depth knowledge about RPA and its associated technologies falls in the same platform.

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Author

S. Mukherjee Dr. Santosh Mukherjee is at present working as Chief Architect cum Chief Scientist and President of Santech International Inc.(San-Lab). Dr. Santosh Mukherjee is an young, award winning, widely proclaimed energetic and emerging Technologist & Scientist, who is one of the pioneer in the Technology fields of Digital technology focusing in Telecommunication/Nanotechnology, and Power/Medical Tech specializes in convergence connectivity, with 30 yrs professional experiences with Fortune 100 USA organization as Senior VP Innovation and Chief Scientists. Having experience to work as academia with the best Universities of USA, having qualification of B.Sc. and PhD in the relevant field of interest. He has many patents approved by USGOV and also few are in the process. He is joint patent holder of many patents, during his service career with the Above companies He has published four similar kinds of technological books. He is associated with IEEE, World Bank , American Management Association, NJTC, Asian Development Bank, Member of Indian Govt. Tech Diaspora and Knowledge Commission. Recipients of the award, "Best Technologist & Emerging Scientist of the Year 2003" from Chair person of Science and Tech Commission, USA in the Capitol Hill, but it Washington His leadership also include in accomplishing to develop an NRI Complex in India of American. He is "Technical Advisor " of Federal Commission of USA of " Science & Technology " and "Energy" from 2010 .

