



Biomedical Engineering

By Ramesh R. Galigekere, A.G. Ramakrishnan & Jayaram K. Udupa (Eds)

Narosa Publishing House, 2012. Hardcover. Book Condition: New. Preface / Biomedical Instrumentation and Devices - LabVIEW based Respiratory Rate Measurement using Hot-wire Anemometer / Photoplethysmographic Signals and Preliminary Pulse Oximetry Estimation from the Bowel using a new Fiber Optic Sensor / Electrical Stimulation of Quadriceps Femoris and Tibialis Anterior in Children with Spastic Cerebral Palsy: A Study to Determine Optimum Current Strength and Duration for Therapy / Tremor Assessment Device for Parkinson?s Disease Patients / Optimized Design and Development of a Cardiotocograph (CTG) through Quality Function Deployment (QFD) / Biomedical Applications of Laser-Induced Breakdown Spectroscopy (LIBS): A Preliminary Study / Design and Development of MPSOC (ARM9) based ECG Machine with TSP and USB Interface / A Novel Approach for Non-invasive Blood Glucose Estimation? Preliminary Study / Micropump and Microfluidic Channels for a Drug Delivery System / Phonocardiography? Principles, Methods and Practices / Electrical Impedance Spectroscopic Studies of the Electronic Connectors of DIP Switch based Multiplexers Suitable for Multifrequency Electrical Impedance Tomography / Variable Gain Controller Design for the Nonlinear Long Term Blood Pressure Regulation / Telemedicine - An Automatic Falldetection System for the Elderly / A Rural Health Monitor with Telemedicine / An Adaptive Integrated Framework for Optimal...



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