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Nota di contenuto	Design and Integration of Electrical Bio-impedance Sensing in a Bipolar Forceps for Soft Tissue Identification: A Feasibility Study -- Influence of Measurement Pattern on RAW-data in Electrical Impedance Tomography -- Hardware Setup for Bioimpedance Spectroscopy in Bandages -- Selection of Cole Model Bio-impedance Parameters for the Estimation of the Ageing Evolution of Apples -- Biosensor based on Carbon Nanocomposites for Detecting Glucose Concentration -- The Effect of Calf Adipose Tissue Thickness on the Estimation of Resistance by the Cole Model -- A Short Review of Membrane Models for Cells Electroporation.
Sommario/riassunto	This book gathers the proceedings of the 17th International Conference on Electrical Bioimpedance (ICEBI 2019), held on June 9-14, in Joinville, Santa Catarina, Brazil. The chapters cover the latest knowledge and developments concerning: sensors and instrumentation to measure bioimpendance, bioimpedance imaging techniques, theory and

modeling and bioimpendance, as well as cutting-edge clinical applications of bioimpendance. All in all, this book provides graduate students and researchers with an extensive and timely snapshot of current research and challenges in the field of electrical bioimpendance, and a source of inspiration for future research and cross-disciplinary collaborations.