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## Sommario/riassunto

Bioelectrochemistry: Fundamentals, Experimental Techniques and Application, covers the fundamental aspects of the chemistry, physics and biology which underlie this subject area. It describes some of the different experimental techniques that can be used to study bioelectrochemical problems and it describes various applications of bioelectrochemistry including amperometric biosensors, immunoassays, electrochemistry of DNA, biofuel cells, whole cell biosensors, *in vivo* applications and bioelectrosynthesis. By bringing together these different aspects, this work provides a unique