

1. Record Nr.	UNISALENT0991000151829707536
Autore	Mazzi, Maria Serena
Titolo	Salute e società nel Medioevo / Maria Serena Mazzi
Pubbl/distr/stampa	Firenze : la nuova Italia, 1978
Descrizione fisica	158 p. ; 20 cm.
Collana	Strumenti. Storia ; 95
Disciplina	614
Soggetti	Epidemie Sanità pubblica
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNISA996279607003316
Titolo	IEEE Std 1003.1-2017 (Revision of IEEE Std 1003.1-2008) - IEEE Standard for Information Technology Portable Operating System Interface (POSIX(R)) Base Specifications . Issue 7 -Redline / / IEEE
Pubbl/distr/stampa	New York : , : IEEE, , 2018
ISBN	1-5044-4963-0
Descrizione fisica	1 online resource (6900 pages)
Collana	IEEE Std ; ; 1003.1-2017
Disciplina	005.43
Soggetti	POSIX (Computer software standard) Operating systems (Computers) Command languages (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

## Sommario/riassunto

POSIX.1-2017 is simultaneously IEEE Std 1003.1(TM)-2017 and The Open Group Standard Base Specifications, Issue 7. POSIX.1-2017 defines a standard operating system interface and environment, including a command interpreter (or shell), and common utility programs to support applications portability at the source code level. POSIX.1-2017 is intended to be used by both application developers and system implementors and comprises four major components (each in an associated volume): General terms, concepts, and interfaces common to all volumes of this standard, including utility conventions and C-language header definitions, are included in the Base Definitions volume. Definitions for system service functions and subroutines, language-specific system services for the C programming language, function issues, including portability, error handling, and error recovery, are included in the System Interfaces volume. Definitions for a standard source code-level interface to command interpretation services (a shell) and common utility programs for application programs are included in the Shell and Utilities volume. Extended rationale that did not fit well into the rest of the document structure, which contains historical information concerning the contents of POSIX.1-201x and why features were included or discarded by the standard developers, is included in the Rationale (Informative) volume. The following areas are outside the scope of POSIX.1-201x: Graphics interfaces Database management system interfaces Record I/O considerations Object or binary code portability System configuration and resource availability POSIX.1-2017 describes the external characteristics and facilities that are of importance to application developers, rather than the internal construction techniques employed to achieve these capabilities. Special emphasis is placed on those functions and facilities that are needed in a wide variety of commercial applications.

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3. Record Nr.	UNINA9910830645503321
Titolo	Bioelectronics [[electronic resource]] : from theory to applications / / edited by Itamar Willner and Eugenii Katz
Pubbl/distr/stampa	Weinheim ; ; [Great Britain], : Wiley-VCH, c2005
ISBN	1-280-51958-4 9786610519583 3-527-60376-X 3-527-60418-9
Descrizione fisica	1 online resource (495 p.)
Altri autori (Persone)	WillnerItamar KatzEugenii
Disciplina	572.437
Soggetti	Bioelectronics Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Bioelectronics; Contents; Preface; List of Contributors; 1 Bioelectronics - An Introduction; References; 2 Electron Transfer Through Proteins; 2.1 Electronic Energy Landscapes; 2.2 Theory of Electron Tunneling; 2.3 Tunneling Pathways; 2.4 Coupling-limited ET Rates and Tests of the Pathway Model; 2.5 Multiple Tunneling Pathway Models; 2.6 Interprotein Electron Transfer: Docking and Tunneling; 2.7 Some New Directions in Electron Transfer Theory and Experiment; 2.8 Concluding Remarks; References 3 Reconstituted Redox Enzymes on Electrodes: From Fundamental Understanding of Electron Transfer at Functionalized Electrode Interfaces to Biosensor and Biofuel Cell Applications3.1 Introduction; 3.2 Electrodes Functionalized with Reconstituted Redox Proteins; 3.2.1 Reconstituted Flavoenzyme-Electrodes Using Molecular or Polymer Relay Systems; 3.2.2 Electrical Contacting of Flavoenzymes by Reconstitution on Carbon Nanotubes and Conducting Polymer Wires; 3.2.3 Electrical Contacting of Flavoenzymes by Means of Metallic Nanoparticles 3.2.4 Integrated Electrically Contacted Electrodes Composed of

Reconstituted Quinoproteins; 3.2.5 Reconstituted Electrically Contacted Hemoproteins; 3.2.6 Reconstituted *de novo* Hemoproteins on Electrodes; 3.3 Electrical Contacting of Redox Proteins by Cross-linking of Cofactor-Enzyme Affinity Complexes on Surfaces; 3.3.1 Integrated NAD(P)(+)-Dependent Enzyme-Electrodes; 3.3.2 Integrated Electrically Contacted Hemoprotein Electrodes; 3.4 Reconstituted Enzyme-Electrodes for Biofuel Cell Design; 3.5 Conclusions and Perspectives; References

4 Application of Electrically Contacted Enzymes for Biosensors; 4.1 Introduction; 4.2 Biosensors - Precursors of Bioelectronics; 4.3 Via Miniaturization to Sensor Arrays - The Biochip; 4.4 The Route to Electrically Contacted Enzymes in Biosensors; 4.5 Routine Applications of Enzyme Electrodes; 4.6 Research Applications of Directly Contacted Proteins; 4.6.1 Protein Electrodes for the Detection of Oxygen-derived Radicals; 4.6.2 Cytochrome P 450 - An Enzyme Family Capable of Direct Electrical Communication; 4.7 Conclusions; References; 5 Electrochemical DNA Sensors; 5.1 Introduction; 5.1.1 Indicator Electrodes; 5.1.2 Electrochemical Methods; 5.2 Natural Electroactivity and Labeling of Nucleic Acids; 5.2.1 Electroactivity of Nucleic Acid Components; 5.2.2 Analysis of Unlabeled Nucleic Acids; 5.2.3 Electroactive Labels of Nucleic Acids; 5.2.4 Signal Amplification; 5.3 Sensors for DNA and RNA Hybridization; 5.3.1 DNA Hybridization; 5.3.2 Electrochemical Detection in DNA Sensors; 5.3.3 Single-surface Techniques; 5.3.4 Double-surface Techniques; 5.3.5 Concluding Remarks to DNA Hybridization Sensors; 5.4 Sensors for DNA Damage; 5.4.1 DNA Damage; 5.4.2 Relations Between DNA Damage and its Electrochemical Features

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#### Sommario/riassunto

Medicine, chemistry, physics and engineering stand poised to benefit within the next few years from the ingenuity of complex biological structures invented and perfected by nature over millions of years. This book provides both researchers and engineers as well as students of all the natural sciences a vivid insight into the world of bioelectronics and nature's own nanotechnological treasure chamber.

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