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Titolo	The history of Islam in Africa // editors, Nehemia Levtzion, Randall L. Pouwels
Pubbl/distr/stampa	Athens, : Ohio University Press Oxford, : James Currey Ltd. Cape Town, : David Philip Pub., 2000
ISBN	0-8214-4461-1
Descrizione fisica	1 online resource (605 pages) : illustrations, map
Altri autori (Persone)	LevtzionNehemia PouwelsRandall Lee <1944->
Disciplina	297/.096
Soggetti	Islam - Africa - History
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Introduction; Part I; Chapter 1: Egypt and North Africa; Chapter 2: The Indian Ocean nad the Red Sea; Part II; Chapter 3: Islam in the Bilad al-Sudan to 1800; Chapter 4: The Juula and the Expansion of Islam into the Forest; Chapter 5: Precolonial Islam in the Eastern Sudan; Chapter 6: Revolutions in the Western Sudan; Chapter 7: The Eastern Sudan, 1822 to the Present; Chapter 8: Islam in Africa under French Colonial Rule; Chapter 9: Islam in West Africa: Radicalism and the New Ethic of Disagreement, 1960-1990; Chapter 10: Religious Pluralism in Northern Nigeria; Part III Chapter 11: Ethiopia and the Horn of AfricaChapter 12: The African Coast, c. 780 to 1900 C.E.; Chapter 13: The Coastal Hinterland and Interior of East Africa; Chapter 14: East Central Africa; Chapter 15: Islam in Southern Africa, 1652-1998; Chapter 16: Radicalism and Reform in East Africa; Part IV; Chapter 17: Islamic Law in Africa; Chapter 18: Muslim Women in African History; Chapter 19: Islamic Education and Scholarship in Sub-Saharan Africa; Chapter 20: Sufi Brotherhoods in Africa; Chapter 21: Prayer, Amulets, and Healing; Chapter 22: Islamic Art and Material Culture in Africa; Chapter 23: Islamic Literature in Africa; Chapter 24: Music and Islam in Sub-Saharan Africa; Glossary; Index

Sommario/riassunto

The history of the Islamic faith on the continent of Africa spans fourteen centuries. For the first time in a single volume, The History of Islam in Africa presents a detailed historic mapping of the cultural, political, geographic, and religious past of this significant presence on a continent-wide scale. Bringing together two dozen leading scholars, this comprehensive work treats the historical development of the religion in each major region and examines its effects.

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Titolo

Heart rate variability (HRV) signal analysis : clinical applications // edited by Markad V. Kamath, Mari A. Watanabe, Adrian R.M. Upton

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Altri autori (Persone)

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Soggetti

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Heart beat - Measurement
Heart beat - Physiological aspects
Heart function tests
Signal processing

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Nota di contenuto

Front Cover; Contents; Preface; Acknowledgments; Editors; Contributors; Chapter 1 - Heart Rate Variability: A Historical Perspective; Chapter 2 - Methodological Aspects of Heart Rate Variability Analysis; Chapter 3 - Methodological Aspects of Baroreflex Sensitivity Analysis; Chapter 4 - Arterial Blood Pressure Waveform

Analysis and Its Applications in the Assessment of Vasovagal Syncope; Chapter 5 - Heart Rate Turbulence; Chapter 6 - Phase-Rectified Signal Averaging: Methods and Clinical Applications Chapter 7 - Heart Rate Variability Analysis for the Monitoring of Fetal Distress and Neonatal Critical CareChapter 9 - Effects of Exercise Training on Heart Rate Variability in Patients with Hypertension; Chapter 8 - Heart Rate Variability and Blood Pressure Variability in Obstetrics and Gynecology; Chapter 10 - Heart Rate Variability and Sleep; Chapter 11 - Heart Rate Variability in the Intensive Care Unit; Chapter 12 - Heart Rate Variability and Cardiovascular Dynamic Changes during Local Anesthesia; Chapter 13 - Effect of General Anesthesia on Heart Rate Variability Chapter 14 - Heart Rate Variability in Functional NeurosurgeryChapter 15 - Bariatric Surgery and Its Effects on Heart Rate Variability; Chapter 16 - Heart Rate Variability in Congestive Heart Failure; Chapter 17 - Heart Rate Variability Analysis in Ischemic Cardiomyopathy and Aortic Stenosis Patients; Chapter 18 - Heart Rate Variability and Blood Pressure Variability in Respiratory Disease: Effects of Pharmaceutical Compounds, Non-Invasive Ventilation and Physical Exercise; Chapter 19 - Effects of Spinal Cord Injury on Heart Rate Variability and Blood Pressure Variability Chapter 20 - Autonomic Dysfunction in StrokeChapter 21 - Significance of Heart Rate Variability in Patients with Epilepsy; Chapter 22 - Classification of Parkinson's Disease Severity Using Heart Rate Variability Analysis; Chapter 23 - Heart Rate Variability in Neuropsychiatric Disorders; Chapter 24 - Heart Rate Variability and Depression; Chapter 25 - Heart Rate Variability as a Measure of Depression and Anxiety during Pregnancy; Back Cover

Sommario/riassunto

Written for graduate students and professionals dealing with heart rate variability (HRV), this cutting-edge reference reviews how minute variations in the beat-to-beat heart rate are regulated. It explores how these variations can be used as a window to understanding the central and peripheral mechanisms that modulate the autonomic nervous systems. Explaining how HRV is characterized through simple statistics and frequency analysis in both healthy human subjects and patients with a variety of diseases, the book provides examples for methods that require mathematical techniques. The authors cite a variety of real-life medical situations and offer extensive end-of-chapter references--Provided by publisher.