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Encyclopedia of Biometrics

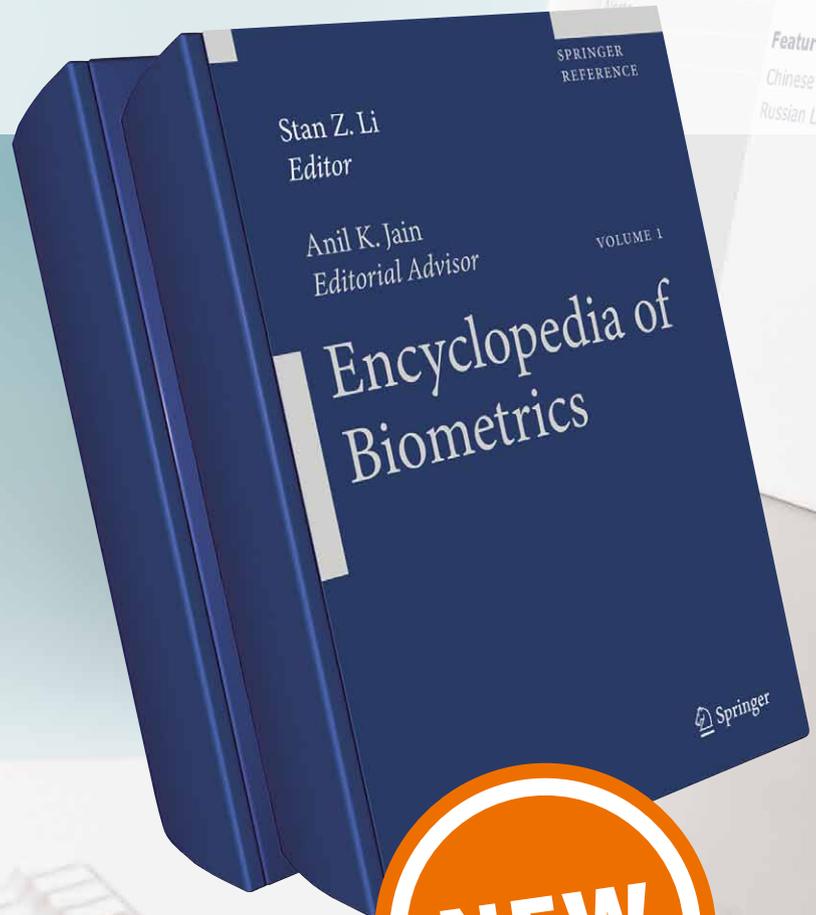
Edited by Stan Z. Li

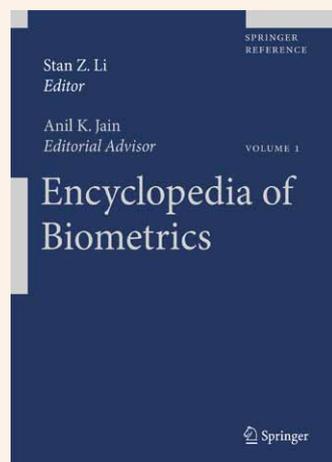
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Encyclopedia of Biometrics

Edited by **Stan Z. Li**, Chinese Academy of Sciences, Beijing, China

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The **Encyclopedia of Biometrics** provides a comprehensive reference to topics in Biometrics, including concepts, modalities, algorithms, devices, systems, security, performance testing, applications and standardization. With an A–Z format, the **Encyclopedia of Biometrics** provides easy access to relevant information on all aspects of biometrics for those seeking entry into this broad field. The Encyclopedia is composed of more than 250 overview and more than 800 definitional entries. Each entry includes a definition, key words, list of synonyms, list of related entries, illustration(s),

applications, and a bibliography. Most entries include useful literature references providing you with a portal to more detailed information. The style of the entries is expository and tutorial. The **Encyclopedia of Biometrics** provides a practical resource for research scientists and industry practitioners in a wide variety of fields for a broad array of applications; computer scientists and academics in other areas such as engineering, math, statistics, political science, management science, psychology, biomedicine; advanced-level students interested in entering the field of biometrics or working in related areas.

Benefits at a glance

- ▶ First comprehensive reference work on Biometrics
- ▶ Easily accessible though A-Z coverage of this complex field
- ▶ Additional targeted literature references
- ▶ Bibliographic entries with portal to more detailed information
- ▶ Expository and tutorial entries

Some examples for keywords covered

Active appearance models, Active shape models, Appearance models, Authentication, Biometric applications, Biometric encryption, Biometric modalities, Biometric systems, Cybersecurity, DNA pattern, Face recognition, Fingerprint recognition, Iris identification,

Iris recognition, Large scale identification, Machine recognition, Nail RFID, Palmprint, Person authentication, Reflectance, Retinal recognition, Skin biometrics, Skull recognition, Template aging, Video surveillance, Voice recognition.

About the editors

Stan Z. Li is an expert in face recognition, biometrics and intelligent video surveillance. Editorial Advisor **Anil K. Jain** is a world

renowned leader and author of several books in the field. See their bibliography with Springer on springer.com.

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Print

2009. XXXII, 1419 p. 680 illus.
(In 2 volumes, not available separately) Hardcover
ISBN 978-0-387-73002-8

eReference

2009.
ISBN 978-0-387-73003-5

Print + eReference

2009.
ISBN 978-0-387-73004-2



<http://www.springer.com/978-0-387-73003-5>

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Li, S.Z. (Ed.)

2009, eReference.,

ISBN: 978-0-387-73003-5