

Call for Chapters

“Advances in Artificial Intelligence for Privacy Protection and Security”

Series on Intelligent Information Systems

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Aims and scope

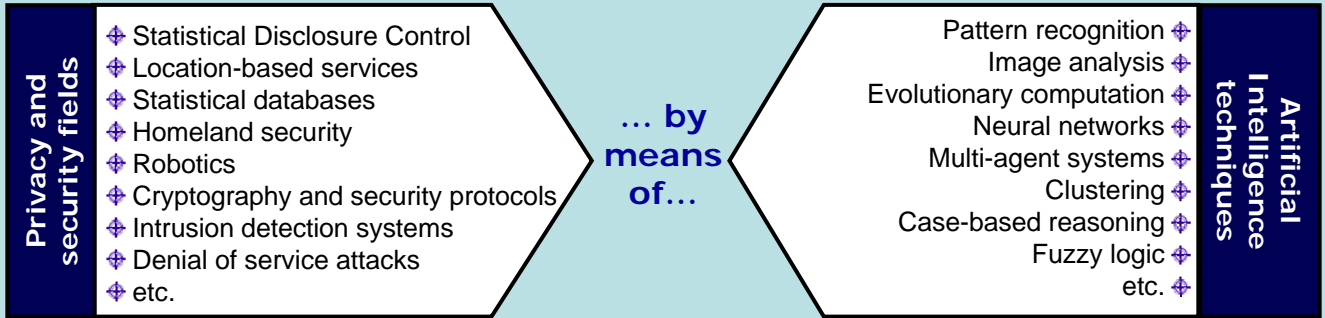
In this book, we aim to collect the most recent advances in artificial intelligence techniques which are applied to the protection of privacy and security.

On the one hand, individual privacy protection is a hot topic and must be addressed in order to guarantee the proper evolution of a modern society. On the other, security can invade individual privacy, especially after the appearance of the new forms of terrorism. These two concepts are opposite because, most of the times, security is achieved by means of privacy invasion.

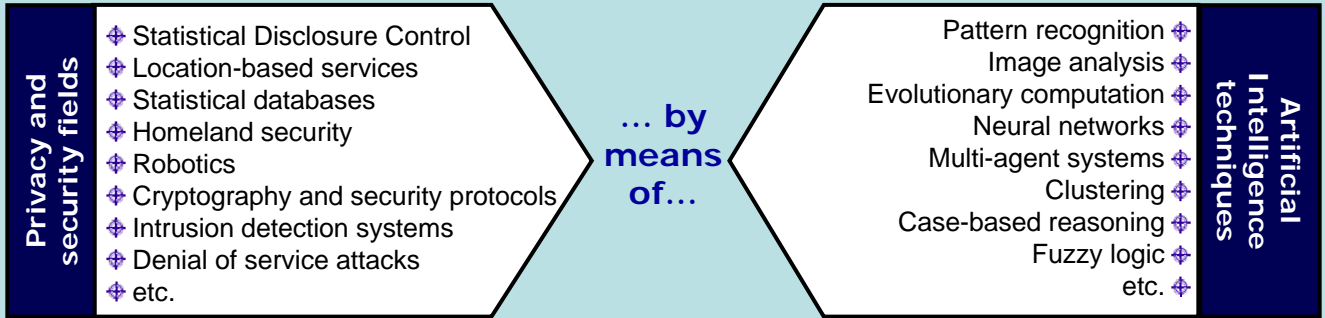
Statistical agencies and the like are collecting large amounts of personal information that has to be protected before its publication. Different forms of evolutionary computation and clustering have been proposed to tackle this problem. Moreover, the protection of critical infrastructures such as airports has invigorated the study of more efficient techniques for pattern recognition, image analysis, etc.

This book will consider all the artificial intelligence techniques that are used to address these problems. It will be focused on real applications and theoretical contributions.

Topics include but are not limited to

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- Privacy and security fields
- ✦ Statistical Disclosure Control
 - ✦ Location-based services
 - ✦ Statistical databases
 - ✦ Homeland security
 - ✦ Robotics
 - ✦ Cryptography and security protocols
 - ✦ Intrusion detection systems
 - ✦ Denial of service attacks
 - ✦ etc.

... by means of...

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- Artificial Intelligence techniques
- ✦ Pattern recognition
 - ✦ Image analysis
 - ✦ Evolutionary computation
 - ✦ Neural networks
 - ✦ Multi-agent systems
 - ✦ Clustering
 - ✦ Case-based reasoning
 - ✦ Fuzzy logic
 - ✦ etc.

Important Dates

December 07

Deadline for submitting title and abstract

January 08

Notification of acceptance /rejection of chapters

April 08

Deadline for submitting complete chapters

June 08

Notification of acceptance of complete chapters

August 08

Submission of the camera ready version

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