

# Information Security and Ethics: Concepts, Methodologies, Tools, and Applications

Hamid Nemati

*The University of North Carolina at Greensboro, USA*



**INFORMATION SCIENCE REFERENCE**

Hershey • New York

Assistant Executive Editor: Meg Stocking  
Acquisitions Editor: Kristin Klinger  
Development Editor: Kristin Roth  
Senior Managing Editor: Jennifer Neidig  
Managing Editor: Sara Reed  
Typesetter: Amanda Appicello  
Cover Design: Lisa Tosheff  
Printed at: Yurchak Printing Inc.

Published in the United States of America by  
Information Science Reference (an imprint of IGI Global)  
701 E. Chocolate Avenue, Suite 200  
Hershey PA 17033  
Tel: 717-533-8845  
Fax: 717-533-8661  
E-mail: [cust@igi-pub.com](mailto:cust@igi-pub.com)  
Web site: <http://www.igi-pub.com/reference>

and in the United Kingdom by  
Information Science Reference (an imprint of IGI Global)  
3 Henrietta Street  
Covent Garden  
London WC2E 8LU  
Tel: 44 20 7240 0856  
Fax: 44 20 7379 0609  
Web site: <http://www.eurospanonline.com>

#### Library of Congress Cataloging-in-Publication Data

Knowledge management : concepts, methodologies, tools and applications / Murray Jennex, editor.  
p. cm.

Summary: "This is the defining reference source for all theories, concepts, and methodologies within the KM discipline. It includes chapters on Implementing KM in Organizations; KM Systems Acceptance; KM Communication; Knowledge Representation; Knowledge Sharing; KM Success Models; Knowledge Ontology; and Operational KM, and provides libraries with the defining reference to the field"--  
Provided by publisher.

Includes bibliographical references and index.

ISBN-13: 978-1-59904-933-5 (hardcover)

ISBN-13: 978-1-59904-934-2 (ebook)

1. Knowledge management. I. Jennex, Murray E., 1956-

HD30.2.K636866 2008

658.4'038--dc22

2007027566

Copyright © 2008 by IGI Global. All rights reserved. No part of this publication may be reproduced, stored or distributed in any form or by any means, electronic or mechanical, including photocopying, without written permission from the publisher.

Product or company names used in this set are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark.

#### British Cataloguing in Publication Data

A Cataloguing in Publication record for this book is available from the British Library.

9 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: [www.igi-global.com/chapter/cryptography-deciphering-its-progress/23301](http://www.igi-global.com/chapter/cryptography-deciphering-its-progress/23301)

## Related Content

---

### Factors Impacting Behavioral Intention of Users to Adopt IoT In India: From Security and Privacy Perspective

Sheshadri Chatterjee (2020). *International Journal of Information Security and Privacy* (pp. 92-112). [www.irma-international.org/article/factors-impacting-behavioral-intention-of-users-to-adopt-iot-in-india/262088](http://www.irma-international.org/article/factors-impacting-behavioral-intention-of-users-to-adopt-iot-in-india/262088)

### Analyzing Research Activity Duration and Uncertainty in Business Doctorate Degrees

Kenneth David Strangand Robert J. Symonds (2012). *International Journal of Risk and Contingency Management* (pp. 29-48). [www.irma-international.org/article/analyzing-research-activity-duration-uncertainty/65730](http://www.irma-international.org/article/analyzing-research-activity-duration-uncertainty/65730)

### A Multi-User Shared Mobile Payment Protocol in the Context of Smart Homes

Yonglei Liu, Kun Hao, Weilong Zhang, Lin Gaoand Li Wang (2022). *International Journal of Information Security and Privacy* (pp. 1-14). [www.irma-international.org/article/a-multi-user-shared-mobile-payment-protocol-in-the-context-of-smart-homes/303668](http://www.irma-international.org/article/a-multi-user-shared-mobile-payment-protocol-in-the-context-of-smart-homes/303668)

### Using Hybrid Attack Graphs to Model and Analyze Attacks against the Critical Information Infrastructure

Peter J. Hawrylak, Chris Hartney, Mauricio Papaand John Hale (2013). *Critical Information Infrastructure Protection and Resilience in the ICT Sector* (pp. 173-197). [www.irma-international.org/chapter/using-hybrid-attack-graphs-model/74631](http://www.irma-international.org/chapter/using-hybrid-attack-graphs-model/74631)

### Arguing Satisfaction of Security Requirements

C. B. Haley, R. Laney, J. D. Moffettand Bashar Nuseibeh (2008). *Information Security and Ethics: Concepts, Methodologies, Tools, and Applications* (pp. 3199-3221). [www.irma-international.org/chapter/arguing-satisfaction-security-requirements/23285](http://www.irma-international.org/chapter/arguing-satisfaction-security-requirements/23285)