

Optical Document Security Third Edition

This book presents for the first time the theory of the moiré phenomenon between aperiodic or random layers. The book provides a full general purpose and application-independent exposition of the subject. Throughout the whole text the book favours a pictorial, intuitive approach which is supported by mathematics, and the discussion is accompanied by a large number of figures and illustrative examples.

Proceedings of SPIE present the original research papers presented at SPIE conferences and other high-quality conferences in the broad-ranging fields of optics and photonics. These books provide prompt access to the latest innovations in research and technology in their respective fields. Proceedings of SPIE are among the most cited references in patent literature.

Today, the data transmitted over networks and archived on our computers, tablets, cell phones or clouds is multimedia data – images, videos, audio, 3D data. The applications of this data range from video games to healthcare, and include computer-aided design, video surveillance and biometrics. It is becoming increasingly urgent to secure this data, not only during transmission and archiving, but also during its retrieval and use.

Indeed, in today's "all-digital" world, it is becoming ever-easier to copy data, view it unrightfully, steal it or falsify it. Multimedia Security 2 analyzes issues relating to biometrics, protection, integrity and encryption of multimedia data. It also covers aspects such as crypto-compression of images and videos, homomorphic encryption, data hiding in the encrypted domain and secret sharing.

Multimedia Security 2
Security Engineering
Information Systems and Information Technology
Optical Security and Counterfeit Deterrence Techniques
Optical Document Security: Measurement, Characterization and Visualization
Optical Sensing for Public Safety, Health, and Security

This rewritten and updated second edition provides comprehensive information on the wide-ranging applications of statistics in the pharmacological field. Focusing on practical aspects, it sets out to bridge the gap between industry and academia. Reflecting the changes that have taken place since publication of the first edition, this volume covers new topics such as: cancer clinical trials, clinical trials of AIDS patients and animal tumorigenicity studies; the development of antiepileptic drugs; the role of epidemiology in postmarketing trials and adverse drug experience;

computer-assisted new drug application (CANDA) submissions; contract research organizations; interim analysis in clinical trials; and room-temperature tests for the stability of drugs. This work is intended as: a reference for statisticians, biostatisticians, pharmacologists, administrators, managers, and scientists in the pharmaceutical industry; and a text for graduate students taking courses in applied statistics or pharmaceutical statistics.

This book teaches the finite-difference frequency-domain (FDFD) method from the simplest concepts to advanced three-dimensional simulations. It uses plain language and high-quality graphics to help the complete beginner grasp all the concepts quickly and visually. This single resource includes everything needed to simulate a wide variety of different electromagnetic and photonic devices. The book is filled with helpful guidance and computational wisdom that will help the reader easily simulate their own devices and more easily learn and implement other methods in computational electromagnetics. Special techniques in MATLAB® are presented that will allow the reader to write their own FDFD programs. Key concepts in electromagnetics are reviewed so the reader can fully understand the calculations happening in FDFD. A powerful method for implementing the finite-difference method is taught that will enable the reader to solve entirely new differential equations and sets of differential equations in mere minutes. Separate chapters are included that describe how Maxwell's equations are approximated using finite-differences and how outgoing waves can be absorbed using a perfectly matched layer absorbing boundary. With this background, a chapter describes how to calculate guided modes in waveguides and transmission lines. The effective index method is taught as way to model many three-dimensional devices in just two-dimensions. Another chapter describes how to calculate photonic band diagrams and isofrequency contours to quickly estimate the properties of periodic structures like photonic crystals. Next, a chapter presents how to analyze diffraction gratings and calculate the power coupled into each diffraction order. This book shows that many devices can be simulated in the context of a diffraction grating including guided-mode resonance filters, photonic crystals, polarizers, metamaterials, frequency selective surfaces, and metasurfaces. Plane wave sources, Gaussian beam sources, and guided-mode sources are all described in detail, allowing devices to be simulated in multiple ways. An optical integrated circuit is simulated using the effective index method to build a two-dimensional model of the 3D device and then launch a guided-mode source into the circuit. A chapter is included to describe how the code can be modified to easily perform parameter sweeps, such as plotting reflection and transmission as a function of frequency, wavelength, angle of incidence, or a dimension of the device. The last chapter is advanced and teaches FDFD for three-dimensional devices composed of anisotropic materials. It includes simulations of a crossed grating, a doubly-periodic guided-mode resonance filter, a frequency selective surface, and an invisibility cloak. The chapter also includes a parameter retrieval from a left-handed metamaterial. The book includes all the MATLAB codes and detailed explanations of all programs. This will allow the reader to easily modify the codes to simulate their own ideas and devices. The author has created a website where the MATLAB codes can be downloaded, errata can be seen, and other learning resources can be accessed. This is an ideal book for both an undergraduate elective course as well as a graduate course in computational electromagnetics because it covers the background material so well and includes examples of many different types of devices that will be of interest to a very wide audience.

A series of tables and charts is presented from which the atmospheric transmittance between any two points in the terrestrial atmosphere can be determined. This material is based on a set of five atmospheric models ranging from tropical to arctic and two aerosol models. A selected set of laser frequencies has been defined for which monochromatic transmittance values have been given. For low resolution transmittance prediction, a series of charts has been drawn providing the capability for predicting transmittance at a resolution of 20 wave-numbers. Separate sections are included on scattered solar radiation, infrared emission, refractive effects, and attenuation by cloud and fog. This third edition differs from the others in that the low resolution spectral curves for the uniformly mixed gases and in the short wavelength region for water vapor have been revised, providing some overall improvement in accuracy; and more importantly, an appendix has been added providing model data and equivalent sea level path data for the U.S. Standard Atmosphere, 1962.

Methods and Techniques, Third Edition

Fundamentals of Media Security

Biometrics, Video Surveillance and Multimedia Encryption

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in the Light of Visual Evaluation

Scientific Examination of Documents

What is a hologram? – Important optical principles and their occurrence in nature -- Conventional holography and lasers -- Digital image holograms -- Recording materials for holography -- Processing techniques -- Infrastructure of a holography studio and its principle components -- Making conventional denisyuk, transmission, and reflection holograms in the studio -- Sources of holographic imagery -- A personal view of the history of holography -- Epilogue : an overview of the impact of holography in the world of imaging

A two-channel digital photometer system installed at the AFCLR Geopole Observatory, Thule, Greenland is described, and data from the system over the 1972 to 1973 optical observing season are presented. Results show that intensities of (O)(lambda)5577 A can be obtained over long periods of time under varied observational conditions with high reliability. The system makes it economically feasible to study long- and short-term variations and correlations of fast time resolution data. (Author)

Photonic structures occurring in biological tissues such as butterfly wings, beetle elytra or fish scales are responsible for a broad range of optical effects including iridescence, narrow-band reflection, large solid-angle scattering, polarization effects, additive color mixing, fluid-induced color changes, controlled fluorescence. Studies have provided understanding of the underlying optical mechanisms and the biological functions as well as inspiration for the design and development of novel photonic devices, also called bioinspiration. In this forward-thinking book, the research related to photonic structures in natural organisms is reviewed with a main foPhotonic structures occurring in biological tissues such as butterfly wings, beetle elytra, or fish scales are responsible for a broad range of optical effects including iridescence, narrow band reflection, large solid-angle scattering, polarization, additive color mixing, and controlled fluorescence. This book reviews research of biological photonic devices in accordance with the fundamental aspects of physical optics and environmental biology. It provides readers with an understanding of numerical modelling based on morphological and optical characterizations as well as the quantitative treatment of color vision. This forward-thinking book ties these concepts to the design and synthesis of bioinspired photonic devices and opens the door to the applications of nature's lessons in the technical world. This resource introduces a methodology for working with and utilizing bioinspiration. It includes the experimental and numerical tools necessary for the characterization and simulation of photonic structures and uses optical concepts as examples, with a focus on bioinspired hydrochromatic materials. Professionals are brought up to speed on a variety of fabrication techniques and methods of synthesis all following a straightforward bottom-up-down approach. The reader will gain an understanding of the capability of bioinspiration to meet human needs. This book's explanation of how natural photonics structures behave as efficient solar absorbers or thermal management devices makes it a useful resource for technical professionals in the field of energy and environment, and the concepts presented in this book also have applications in the designs of optical coatings, sensors, and light sources.

12 April, 2007, Orlando, Florida, USA

Optical Document Security

Improvements in the Department of State's Development Process Could Increase the Security of Passport Cards and Border Crossing Cards

25-27 October 2000, Warsaw, Poland

Natural Photonics and Bioinspiration

Statistics in the Pharmaceutical Industry, 3rd Edition

Documents of high value, such as passports, tickets and banknotes, facilitate means for authentication. Authentication processes aim at mitigating counterfeit "passable products". The arsenal of "security features" in the business is abundant but an effective and reliable counterfeit mitigating system need an architectural approach rather than either relying on one feature only, or vaguely motivated aggregated security features. Optically variable device (OVD) is a concept in the industry, including costefficient and unique authentication functionality. OVD based features may serve as the main counterfeit mitigating functionality, as in banknotes. For higher value documents, such as passports, security architectural design may include multimodal (combined) features in which OVD is one characterizing and necessary aspect. Thereby a successful counterfeit need not only to simulate ("hack") electronic based security features, such as radio frequency based identifier combined with public key infrastructure based cryptography (PKI) but also simulate OVD functionality. Combined feature authentication, based e.g. on PKI and OVD that relies on principally different physics and hence technology competences is of especial interest. Well-architctured and implemented, such multimodal counterfeit mitigating systems are effective to the degree that producing passable products requiring more resources than potentially illegitimately gained by the counterfeiter. Irrespective of level of ambition and efforts spent on counterfeit mitigation, OVD remains critically important as a security concept. One feature of OVD is the possibility to include a human inspector in the authentication procedure. Including such "man-in-the-loop" reduces the risk of successful and unnoticed simulations of algorithms, such as PKI. One challenge of OVD is a lack of standards or even measurements characterizing OVD features. This thesis introduces a system able to measure, characterize and visualize the significant aspects influencing a human based inspection of OVD features. The contribution includes the development of a multidimensional and high-dynamic range (HDR) color measurement system of spatial and angular resolution. The capturing of HDR images is particularly demanding for certain high contrast OVD features and require innovative algorithms to achieve the necessary high contrast sensitivity function of the imaging sensor. Representing the significant aspects influencing a human based inspection of OVD requires a considerable amount of data. The development of an appropriate information protocol is therefore of importance, to facilitate further analysis, data processing and visualization. The information protocol transforming the measurement data into characterizing information is a second significant achievement of the presented work in this thesis. To prove the applicability measurements, visualizations and statistically based analyses have been developed for a selection of previously unsolved problems, as defined by senior scientists and representatives of central banks. Characterization and measurements of the degree to which OVD deteriorate with circulation is one such problem. One particular benefit of the implemented suggested solution is the characterization and measurement aim at aspects influencing human based ("first line") inspection. The principally difference in the problems treated indicates the generality of the system, which is a third significant project achievement. The system developed achieves the accuracy and precision including a resolution, dynamic range and contrast sensitivity function required for a technology independent standard protocol of "optical document security" OVDs. These abilities facilitate the definition and verification of program of requirements for the development of new security documents. Adding also the capability of interlinking first, second and third line inspection based characterizations may prove a particular valuable combination, which is a fourth significant project achievement. The information content (Entropy) of characterized OVDs and OVD production limitations in combination opens for OVD based novel applications of "physically unclonable functions" (PUF). This is of significance as it would generalize the established OVDs to facilitate multimodal verification, including PUF verification. The OVDs would thereby transform into a combined PUF first line inspection facilitating security feature.

This volume constitutes the proceedings of the Third European Symposium on Research in Computer Security, held in Brighton, UK in November 1994. The 26 papers presented in the book in revised versions were carefully selected from a total of 79 submissions; they cover many current aspects of computer security research and advanced applications. The papers are grouped in sections on high security assurance software, key management, authentication, digital payment, distributed systems, access control, databases, and measures. This resource includes an extensive list of organizations and associations that have some relationship to healthcare informatics (including contact information, mission statements, and web addresses).

Electromagnetic and Photonic Simulation for the Beginner: Finite-Difference Frequency-Domain in MATLAB®

A Guide to Building Dependable Distributed Systems

Principles and Practice

Optical Properties of the Atmosphere (Third Edition)

Concepts, Practical Experiences, Technologies

Multimedia Security Technologies for Digital Rights Management

Optical Document SecurityArtech House Publishers

This book presents today's most powerful signal processing techniques together with methods for assessing imaging system performance when each of these techniques is applied. This multi-use book helps you make the most of sensor hardware through software enhancement, and evaluate system and algorithm performance. You also learn how to make the best hardware/software decisions in developing the next-generation of image acquisition and analysis systems.

This landmark work – considered by many in the field to be THE reference on fiber-optic gyroscopes (FOGs) – provides you with a complete and thorough system analysis of the FOG and remains unmatched by any other single source. Now in its third edition, this fully updated and authoritative book: Gives you access to all the details you need to know about optics, single-mode fiber optics, and integrated optics to fully grasp the design rules of the fiber-optic gyroscope Helps you understand the concepts that have emerged as the preferred solutions to obtain a practical device Guides you through the advances that have occurred in the last seven years since the previous edition was published and how they are implemented in the current FOGs Drawing on 45 years of research and development, The Fiber-Optic Gyroscope, Third Edition, features new content on the relationship between white-noise power spectral density and random walk; Allan variance; testing with optical coherence domain polarimetry; a new simple mechanical model of the thermally induced stresses and related strains in the sensing coil; simple viewing of the reduction of the Shupe effect with symmetrical windings; and comments about dispersion and birefringence dispersion. The book contains over 350 illustrations (including 70 new figures) and many helpful appendices, and gives you everything you need to understand the fiber gyro. The author is a leading expert in this field and is one of the early pioneers of the practical optical architecture and signal processing technique that is universally used in today's FOGs. This is a must-have reference for anyone working with FOGs, from students and academics learning about the device, to optoelectronics engineers and professionals needing to stay abreast of the current concepts and recent advances.

Computer Security - ESORICS 94

Signal Processing and Performance Analysis for Imaging Systems

Principles and Techniques

Forensic Investigation of Stolen-Recovered and Other Crime-Related Vehicles

HMSS Dictionary of Healthcare Information Technology Terms, Acronyms and Organizations, Third Edition

Security is a major concern in an increasingly multimedia-defined universe where the Internet serves as an indispensable resource for information and entertainment. Digital Rights Management (DRM) is the technology by which network systems protect and provide access to critical and time-sensitive copyrighted material and/or personal information. This book equips savvy technology professionals and their aspiring collegiate protégés with the latest technologies, strategies and methodologies needed to successfully thwart off those who thrive on security holes and weaknesses. Filled with sample application scenarios and algorithms, this book provides an in-depth examination of present and future field technologies including encryption, authentication, copy control, tagging, tracing, conditional access and media identification. The authors present a diversified blend of theory and practice and focus on the constantly changing developments in multimedia applications thus providing an admirably comprehensive book. * Discusses state-of-the-art multimedia authentication and identification * Presents several practical methodologies from industry, including broadcast encryption, digital media forensics and 3D mesh watermarking * Focuses on the need for security in multimedia applications found on computer networks, cell phones and emerging mobile computing devices
Computer Security: Principles and Practice, 2e, is ideal for courses in Computer/Network Security. In recent years, the need for education in computer security and related topics has grown dramatically – and is essential for anyone studying Computer Science or Computer Engineering. This is the only text available to provide integrated, comprehensive, up-to-date coverage of the broad range of topics in this subject. In addition to an extensive pedagogical program, the book provides unparalleled support for both research and modeling projects, giving students a broader perspective. The Text and Academic Authors Association named Computer Security: Principles and Practice, 1e, the winner of the Textbook Excellence Award for the best Computer Science textbook of 2008.

From the O. J. Simpson case to the CSI franchise, more and more of us are aware of and curious about the world of forensic science. Cynthia Holt takes that interest and directs it toward the literature that supports and defines the study of how evidence is discovered at a crime scene, interpreted in a lab, and used in a court of law. Her bibliography, grouped by type of material, covers topics such as ballistics, DNA analysis, entymology, expert witnessing, and facial imaging/reconstruction, as well as contributions from academic fields such as anthropology, linguistics, and engineering.

Border Security

Computer Security

American Book Publishing Record

Optoelectronics Applications in Medicine, Food Technology and Environmental Protection

Guide to RBI Grade B Officers Exam 2019 Phase 1 - 3rd Edition

Computing Handbook, Third Edition

It takes the proper application of the appropriate methods to either confirm or disprove the authenticity of a handwriting sample that appears on a document. The conclusion may mean substantiating a person's intent and preventing a fraud. Revised and expanded to reflect the most recent innovations in the field of forensic document examination, S

Now in its third edition, Optical Document Security has transformed from a compilation of related topics on the subject, to a comprehensive and cohesive treatment of all aspects of optical document security written by a leading expert with decades of experience. This completely revised and updated edition brings you to the cutting-edge of this field, with new coverage of paper-based security, printed security, security evaluation and features, and biometrics.

In July 2008, the Dept. of State (State) began issuing passport cards as a lower-cost alternative to passports for U.S. citizens to meet Western Hemisphere Travel requirements. In Oct. 2008, State began issuing the second generation border crossing card (BCC) based on the architecture of the passport card. This report examined the effectiveness of the physical and electronic security features of the passport card and the BCC. The report addresses: (1) How effectively State's development process includes testing and evaluation of the passport card and second generation BCC mitigates the risk of fraudulent use? (2) How are U.S. Customs and Border Protection officers using the cards' security features to prevent fraudulent use at land ports of entry? Illus.

Machine Readable Travel Documents

The Hologram

Review

Book Review Index

Bibliography, with Abstracts, of AFCLR Publications from 1 October to 31 December 1972

The Theory of the Moiré Phenomenon

Forensic Investigation of Stolen-Recovered and Other Crime-Related Vehicles provides unique and detailed insights into the investigations of one of the most common crime scenes in the world. In addition to a thorough treatment of auto theft, the book covers vehicles involved in other forms of crime—dealing extensively with the various procedures and dynamics of evidence as it might be left in any crime scene. An impressive collection of expert contributors covers a wide variety of subjects, including chapters on vehicle identification, examination of burned vehicles, vehicles recovered from under water, vehicles involved in terrorism, vehicle tracking, alarms, anti-theft systems, steering columns, and ignition locks. The book also covers such topics as victim and witness interviews, public and private auto theft investigations, detection of trace evidence and chemical traces, vehicle search techniques, analysis of automotive fluids, vehicle registration, document examination, and vehicle crime mapping. It is the ultimate reference guide for any auto theft investigator, crime scene technician, criminalist, police investigator, criminologist, or insurance adjuster. Extensively researched and exceptionally well-written by internationally-recognized experts in auto theft investigation and forensic science All the principles explained in the text are well-illustrated and demonstrated with more than 450 black and white and about 100 full-color illustrations, many directly from real cases Serves as both a valuable reference guide to the professional and an effective teaching tool for the forensic science student

In the forthcoming years, citizens of many countries will be provided with electronic identity cards. eID solutions may not only be used for passports, but also for communication with government authorities or local administrations, as well as for secure personal identification and access control in e-business. Further eID applications will be implemented in the healthcare sector. For some of these solutions we will not need a physical data carrier at all. The Handbook of eID Security is the first source presenting a comprehensive overview of this strongly discussed topic. It provides profound information on the following questions: - Which are the latest concepts, technical approaches, applications and trends in the field of eID? - Which areas of application are covered by the different eID concepts? - Which security mechanisms are used, for what reasons, and how can their reliability be ensured? - How will the security of personal data be guaranteed? This book is a perfect source of information for all persons working in industry, banking, healthcare, research institutes, administrations and public authorities: - who are involved in the development of eID application concepts, technical solutions, and of devices used for transfer and read out data to and from eIDs, - who have or will have to do with eID applications in their daily work, and - who participate in informing and discussing about the security and transparency of eID solutions.

Now that there's software in everything, how can you make anything secure? Understand how to engineer dependable systems with this newly updated classic In Security Engineering: A Guide to Building Dependable Distributed Systems, Third Edition Cambridge University professor Ross Anderson updates his classic textbook and teaches readers how to design, implement, and test systems to withstand both error and attack. This book became a best-seller in 2001 and helped establish the discipline of security engineering. By the second edition in 2008, underground dark markets had let the bad guys specialize and scale up; attacks were increasingly on users rather than on technology. The book repeated its success by showing how security engineers can focus on usability. Now the third edition brings it up to date for 2020. As people now go online from phones more than laptops, most servers are in the cloud, online advertising drives the Internet and social networks have taken over much human interaction, many patterns of crime and abuse are the same, but the methods have evolved. Ross Anderson explores what security engineering means in 2020, including: How the basic elements of cryptography, protocols, and access control translate to the new world of phones, cloud services, social media and the Internet of Things Who the attackers are – from nation states and business competitors through criminal gangs to stalkers and playground bullies What they do – from phishing and carding through SIM swapping and software exploits to DDoS and fake news Security psychology, from privacy through ease-of-use to deception The economics of security and dependability – why companies build vulnerable systems and governments look the other way How dozens of industries went online – well or badly How to manage security and safety engineering in a world of agile development – from reliability engineering to DevSecOps The third edition of Security Engineering ends with a grand challenge: sustainable security. As we build ever more software and connectivity into safety-critical durable goods like cars and medical devices, how do we design systems we can maintain and defend for decades? Or will everything in the world need monthly software upgrades, and become unsafe once they stop?

Optical Properties of the Atmosphere

Corporate Legal Compliance Handbook, 3rd Edition

Third European Symposium on Research in Computer Security, Brighton, United Kingdom, November 7 - 9, 1994. Proceedings

Display Technologies and Applications for Defense, Security, and Avionics

Monthly Report on General Business and Agricultural Conditions in Federal Reserve District No. 8

Volume II Aperiodic Layers

Computing Handbook, Third Edition: Information Systems and Information Technology demonstrates the richness and breadth of the IS and IT disciplines. The second volume of this popular handbook explores their close links to the practice of using, managing, and developing IT-based solutions to advance the goals of modern organizational environments. Established leading experts and influential young researchers present introductions to the current status and future directions of research and give in-depth perspectives on the contributions of academic research to the practice of IS and IT development, use, and management Like the first volume, this second volume describes what occurs in research laboratories, educational institutions, and public and private organizations to advance the effective development and use of computers and computing in today's world. Research-level survey articles provide deep insights into the computing discipline, enabling readers to understand the principles and practices that drive computing education, research, and development in the twenty-first century.

As economic crises continue to increase, accountants and law enforcement personnel must be vigilant in expanding their knowledge of ways to detect these clandestine operations. Written by a retired IRS agent with more than twenty years of experience, Financial Investigation and Forensic Accounting, Third Edition offers a complete examination of the current methods and legal considerations involved in the detection and prosecution of economic crimes. Explores a range of crimes Following an overview of the economic cost of crime, the book examines different types of offenses with a financial element, ranging from arson to tax evasion. It explores offshore activities and the means criminals use to hide their ill-gotten gains. The author provides a thorough review of evidentiary rules as well as the protocol involved in search warrants. He examines the two modalities used to prove financial crime: the Net Worth Method and the Expenditure Theory, and presents an example scenario based on real-life incidents. Organized crime and consumer fraud Additional topics include organized crime and money laundering — with profiles of the most notorious cartels — consumer and business fraud and the different schemes that befall the unwary, computer crimes, and issues surrounding banking and finance. The book also presents focused and concrete advice on trial preparation and specific accounting and auditing techniques. New chapters in the third edition, including new chapters on investigative interview analysis and document examination, as well as advice for fraud examiners working on private cases, including the preparation of an engagement letter. For a successful prosecution, it is essential to recognize financial crime at its early stages. This practical text presents the nuts and bolts of fraud examination and forensic accounting, enabling investigators to stay ahead of an area that is increasingly taking on global importance.

Every 3rd issue is a quarterly cumulation.

A Two-channel Interference-filter Photometer Digital Recording System at the AFCLR Geopole Observatory, Thule, Greenland

Financial Investigation and Forensic Accounting, Third Edition

Instrumentation Papers

The Fiber-Optic Gyroscope, Third Edition

First Polish-German Seminar, Wrocław, 17 and 18 December 2001

Guide to Information Sources in the Forensic Sciences

Corporate Legal Compliance Handbook, Third Edition, provides the knowledge necessary to implement or enhance a compliance program in a specific company, or in a client's company. The book focuses not only on doing what is legal or what is right--the two are both important but not always the same--but also on how to make a compliance program actually work. The book is organized in a sequence that follows how to approach a compliance program. It gives the compliance officer in the basics of compliance law. This includes such things as the rules about corporate and individual liability, an understanding of the basics of the key laws that impact companies, and the workings of the U.S. Sentencing Guidelines. Successful programs also require an understanding of educational techniques, good communication skills, and the use of computer tools. The effective compliance program also takes into account how to deliver messages using a variety of media to reach different ages or education, who speak different languages. Note: Online subscriptions are for three-month periods.

Handbook of eID Security