

Keys to using e-resources for advanced research

iGroup Oct 31st 2008



中文版

Tsinghua University Library



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Electronic Resources

Tsinghua University Library has a relatively complete collection of electronic resources on multiple disciplines. So far, the Library has owned over 350 electronic databases, near 42,000 full-text e-journals, more than 920,000 e-books and more than 35,000 multimedia collections.



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HOME

- China InfoBank
- China Economic Database
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- Chinese Academic Journals (5300 Chinese Full-text E-Journals)
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- Chinese Social Sciences Citation Index (CSSCI)
- WANFANG Chinese Databases (near 100 various Chinese databases)
- Tsinghua University Dissertation Service System
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- Springer E-books
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- Safari E-books
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- Benefits to using online research resources:
 - Easy to find/locate/search
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Searching within the university catalog

Tsinghua University Library /All Locations - Mozilla Firefox

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Database Navigation System

Electronic Fulltext Journal Navigation System

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- Derwent Innovation Index
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- PQDD
- ProQuest
- ProQuest Dissertation Fulltext
- RSC
- Safari
- Science Online

What kind of information is available?

Databases

- 1. Databases: Some with full text journals, some without
 - Journals indexed in a database, but not available to read
- 2. Subject Databases (Chemistry, Economics, Law, etc.)

Journals

- Commercial Journals (Elsevier SDOL, Springer, Taylor & Francis, etc)
 - Many subject areas
- Society Publisher Journals (APS, ASME, IEEE, SPIE, OSA, etc)
 - Focused on 1 subject area
 - Usually include the Conference papers from the Society's events
- University Presses: Oxford, ProjectMUSE

eBooks

- Subject Collections
 - eBrary (all subjects)
 - Safari (IT, Computer Science)
- Publisher Collections
 - Springer, SIAM, IEC, Begell House

Other Categories

- Conference Papers/Proceedings
 - Society Publishers (IEEE, ACM)
- Lecture Notes
 - Morgan & Claypool, Springer
- Dissertations/Thesis
 - UMI, Proquest Dissertation FT

Our Topics

- Society Publishers
 - ACM, ACS, AIP, APS/AIPCP, ASCE, ASME, AIAA, OSA, AAAS' Science, SIAM, SPIE
 - Advantages to having these publishers contents online: journals, conferences, archives

Our Topics

- eBooks:
 - eBrary:
 - Research Tools for Reference Content
 - Research Tools for the Classroom

Our Topics

- University Press: ProjectMUSE (Johns' Hopkins)
 - Specialized Subject Area:
 - Content Available

Our Topics

- Searching and finding related articles from subject indexing
- Finding related articles with references and citing articles

- Beginning:
 - Getting an overview:
 - Searching a Bibliographic Database to find journal articles:
 - Scifinder
 - H.W. Wilson
 - ABI Inform
 - Important to Remember: *what is inside the database you are searching*

Federated search over 21 society publishers:

The screenshot shows a Mozilla Firefox browser window with the title "Scitopia - Deep Federated Search - Mozilla Firefox". The address bar displays "http://www.scitopia.org/scitopia/". The browser's menu bar includes "File", "Edit", "View", "History", "Bookmarks", "Tools", and "Help". The page content features the "scitopia.org" logo in green and black. Below the logo are two search mode buttons: "simple" (highlighted in green) and "advanced". To the right of these buttons are four icons with labels: "Session Prefs", "Print", "Alerts", and "My Articles(0)". A large search input field is centered, with an orange "search" button to its right. Below the search field is the text "powered by DeepWeb". A green banner below the search field contains the text: "Search over 3.5 million documents, plus patents and government data. Twenty One societies spanning 350 years of sci-tech scholarship help you with your queries." At the bottom of the page, there is a section titled "in the news" with a newspaper icon and the text "Scitopia.org, the free federated search portal to". The browser's status bar at the bottom left shows "Done".



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↘ Main Laboratories

The State Key Laboratories

- Laboratory of Tribology
- Laboratory of Automotive Safety and Energy
- Laboratory of Intelligent Technology and Systems
- Laboratory of Microwave and Digital Communication
- Laboratory of New Ceramics and Fine Processing
- Laboratory of Clean Combustion of Coal
- Laboratory for C1 Chemical Technology
- Laboratory of Precision Measurement Technology and Instruments
- Laboratory of Solvent Extraction
- Laboratory on Integrated Optoelectronics in Tsinghua University
- Joint Laboratory of Environment Simulation and Pollution Control
- Laboratory of Biomembrane and Membrane Biotechnology
- Laboratory of Control and Simulation of Power Systems and Generation Equipment
- Laboratory of Large Structure of High Dams
- Laboratory of Particle & Radiation Imaging

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- Laboratory of Advanced Materials
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- Laboratory of Structural Engineering and Vibration



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Physical Electronics

Subject: Physical electronics and optoelectronics

Research Areas:

Applied Basic Researches: 1. Optoelectronic and Photonic Devices

2. Optical Fiber System and Network Technologies

3. Novel Display Devices and Novel Electro-optical Materials and Devices

4. Related Technologies and System

Basic Researches: 1. New Mechanism in Information Optoelectronics and Photonics



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Search: Record: nano structures (Advanced Search)

23 of 23 sources complete.

Clusters

All Results (497)

- Topics
 - Sub (64)
 - Micro Structures (53)
 - Model (40)
 - Nano-structured (34)
 - Thin Films (31)
 - More...
- Authors
 - Chen, H. L. (9)
 - Chang, T. C. (7)
 - Ko, F. H. (6)
 - Lin, B. T. (6)

- society documents (497)
- patents (13)
- government documents (62)

Includes journal articles, conference papers, standards and other content.

Results 1 - 25 of 497

Sort by: Rank Limit to: All Publishers



Optical impedance of metallic nano-structures

Mazilu, M.; Dholakia, K.

Optics Express, Vol. 14 Issue 17, pp.7709-7722 (2006) 2006-08-21

Impedance matching refers to the suppression of reflected radiation from an interface and is a concept that applies ... In particular it has come to prominence in relation to the propagation of light in metallic structures and associated meta-materials.



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Optical impedance of metallic nano-structures 
★★★★★ Mazilu, M.; Dholakia, K.
Optics Express, Vol. 14 Issue 17, pp.7709-7722 (2006) 2006-08-21

Impedance matching refers to the suppression of reflected radiation from an interface and is a concept that applies ... In particular it has come to prominence in relation to the propagation of light in metallic **structures** and associated meta-materials.

Design and fabrication of pyrolyzed polymer micro and nano structures 
★★★★★ Naka, K.; Konishi, S.

Micro-NanoMechatronics and Human Science, 2005 IEEE International Symposium on 2005-11-07 Graduate Sch. of Sci. & Eng., Ritsumeikan Univ., Kyoto, Japan

This paper deals with pyrolyzed polymers as a kind of carbon materials obtained by a pyrolysis ... Micromachining of polymers has allowed various polymer micro and **nano structures**. ... successfully fabricated as the fine free **structure**.

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 - Annealing (18)
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 - More...
- Micro Structures (53)
- Model (40)
- Nano-structured (34)
 - Metal (9)
 - Materials (9)
 - Devices (10)
 - Surface (9)
 - Quantum (9)
 - More...
- Thin Films (31)
 - Sub 2 (15)
 - Temperature (16)
 - Annealing (11)
 - Sup (10)
 - Silica Thin Films

Suggested Journals

The screenshot shows a Mozilla Firefox browser window titled "Scitopia: Search Results - Mozilla Firefox". The address bar shows the URL: <http://www.scitopia.org/scitopia/resultList.html?ssid=55cef13b%3A11>. The browser has three tabs: "Tsinghua University", "Scitopia: Search Results", and "The Department of Electronic ...".

The left sidebar, highlighted with a red box, contains the following categories and items:

- Publications
 - Journal of Vacuum Science & Technology B: Microelectronics and Nanometer
 - Structures (77)**
 - Applied Physics Letters (67)
 - Proceedings of SPIE (50)
 - Optics Express (20)
 - Journal of The Electrochemical Society (17)
 - More...
- Publishers
 - IEEE (100)
 - Optical Society of America (87)
 - AVS (78)
 - American Institute of Physics (72)
 - SPIE (51)
 - More...
- Affiliations

The main content area displays two search results:

scattered light from the **structures**. ... scatterometry can characterize periodic line-space ...

Experimental study of terahertz emission from ZnSe and ZnTe nano structures 
★★★★★ *Chen, Xiaoshu; He, Shan; Wu, Xiao J.; Zhao, Fu L.; Wang, Gang; Wang, Reng; Fang, Weizheng; Hu, Shuhong; Dai, Ning*
Proceedings of SPIE; Proc. SPIE Int. Soc. Opt. Eng.; PSI Volume 6840 Issue 1 2007-11-29 Sun Yat-Sen Univ. (China); Shanghai Institute of Technical Physics (China)
Terahertz (THz) emission from ZnSe and ZnTe **nano** dots and **nano** gratings is experimentally studied compared with ... THz radiation from ZnSe and ZnTe surface **nano structures** as the same as from bulk sample: current surge effect (drift current), Photo Dember effect (diffusion)

Entangled-Photon Generation via Biexcitons in Semiconductor Nano-Structures 
★★★★★ *Bamba, Motoaki; Ishihara, Hajime*
Conference on Lasers and Electro-Optics (CLEO) 2006 paper: JTuD4
We construct full quantum theory for optical response of weakly

Welcome to IEEE Xplore 2.0: A Novel Architecture of High Optical Non Linearity in Carbon ...

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A Novel Architecture of High Optical Non Linearity in Carbon Nanotube Based Nano Fiber Optic for Future Quantum Communication

Lee, L.G. Zhang, R. Yang, B.J.

Key Lab. of Opt. Commun. & Lightwave Technol., Beijing Univ. of Posts & Telecommun.;

This paper appears in: **Nano-Micro Engineered and Molecular Systems, 2007. IEMS '07. 2nd IEEE International Conference on**

Publication Date: 16-19 Jan. 2007

Index Terms

Inspect

Controlled Indexing

[carbon nanotubes](#) [mathematical analysis](#) [optical communication](#) [optical fibres](#) [optical properties](#) [quantum communication](#)

Non-controlled Indexing

[carbon nanotube](#) [high optical nonlinearity](#) [material engineering](#) [mathematical analysis](#) [nanofiber optic](#) [nanomaterial](#) [nanooptical fiber](#) [nonlinear optics](#) [optical communication devices](#) [quantum communication](#)

Author Keywords

[Carbon nanotube](#) [nano](#) [nano optical fiber](#) [non linearity](#)

- Examples of Indexing – by subject, by author, by school
 - Differences between searching and browsing
- Citations – backward and forward

- Refractive Index (9)
- Thermal Conductivity (8)
- Single Crystals (6)
- Phase Transition (5)
- SEM Images (5)
- Oxygen Plasma (5)
- ArF Lithography (4)
- Etch Rates (4)
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 - Chang, T. C. (7)
 - Ko, F. H. (6)
 - Liu, P. T. (6)
 - Yan, S. T. (5)
 - More...
- Publications
 - Journal of Vacuum Science & Technology B: Microelectronics and Nanometer Structures (77)
 - Applied Physics Letters (67)
 - Proceedings of SPIE (50)



A Novel Architecture of High Optical Non Linearity in Carbon Nanotube Based Nano Fiber Optic for Future Quantum Communication



★★★☆☆ Lee, L. G.; Zhang, R.; Yang, B. J.

Nano/Micro Engineered and Molecular Systems, 2007. NEMS '07. 2nd IEEE International Conference on 2007-01-16 Key Lab. of Opt. Commun. & Lightwave Technol., Beijing Univ. of Posts & Telecommun.

The field of nonlinear optics is over forty years old, but is still fresh to our minds and currently ... This paper studied a novel **structure** of our proposed high optical non linearity CNT based **nano** optical fiber for future quantum communications.



Influence of structure on the optical limiting properties of nanotubes



★★★☆☆ Izzard, N.; Billaud, P.; Riehl, D.; Anglaret, E.

Optics Letters, Vol. 30 Issue 12, pp.1509-1511 (2005) 2005-06-15

We investigate the role of carbon nanotubes **structure** on their optical limiting properties. Samples of different and well-characterized **structural** features are ... The influence of the diameter's size on the **nano**-object is demonstrated.

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Influence of structure on the optical limiting properties of nanotubes

N. Izzard, P. Billaud, D. Riehl, and E. Anglaret
Optics Letters, Vol. 30, Issue 12, pp. 1509-1511
doi:10.1364/OL.30.001509

> View Full Text: Acrobat PDF (150 KB)

OCIS Codes:

- (190.3970) Nonlinear optics : Microparticle nonlinear optics
- (190.4400) Nonlinear optics : Nonlinear optics, materials
- (190.4870) Nonlinear optics : Photothermal effects
- (290.5850) Scattering : Scattering, particles

Citation

N. Izzard, P. Billaud, D. Riehl, and E. Anglaret, "Influence of structure on the optical limiting properties of nanotubes," Opt. Lett. **30**, 1509-1511 (2005)
<http://www.opticsinfobase.org/abstract.cfm?URI=ol-30-12-1509>

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- Temporal and angular analysis of nonlinear scattering in carbon-black suspensions in water and ethanol
 - Picosecond-resolution study of nonlinear scattering in carbon black suspensions in water and ethanol
 - Pulse duration and wavelength effects on the optical limiting behavior of carbon nanotube suspensions
 - Picosecond and nanosecond polychromatic pump-probe studies of bubble growth in carbon-nanotube

Topic	Total Papers
Atmospheric and oceanic optics	3392
Atomic and molecular physics	919
Coherence and statistical optics	1750
Detectors	920
Diffraction and gratings	3977
Fiber optics and optical communications	9447
Fourier optics and signal processing	2233
Geometric optics	802
Holography	2034
Image processing	3819
Imaging systems	3306
Instrumentation, measurement, and metrology	8302

Topic	Total Papers
Lasers and laser optics	10363
Machine vision	360
Materials	4467
Medical optics and biotechnology	4907
Microscopy	1450
Nonlinear optics	1722
Optical data storage	784
Optical design and fabrication	2201
Optical devices	6615
Optics at surfaces	1564
Optoelectronics	1146
Physical optics	4650
Quantum optics	1401

Topic	Total Papers
Remote sensing and sensors	1643
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Fourier modal method for the analysis of second-harmonic generation in two-dimensionally periodic structures containing anisotropic materials

Abstract

- o JOSA B, Vol. 24, Issue 5, pp. 1105-1112 (May 2007)
- o Benfeng Bai, Jari Turunen

Maximizing the yield and cutoff of high-order harmonic generation from plasma plume

Abstract

- o JOSA B, Vol. 24, Issue 11, pp. 2770-2778 (November 2007)
- o Rashid A. Ganeev, Luc B. Elouga Bom, Tsuneyuki Ozaki, Pavel V. Redkin

High-order nonlinearities of aqueous colloids containing silver

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- High-quality sub-100-fs optical pulse generation by fiber-optic soliton compression of gain-switched distributed-feedback laser-diode pulses in conjunction with nonlinear optical fiber loops**
 Abstract | Full Text: PDF
 - o Optics Letters, Vol. 24 Issue 16, pp.1172-1174 (1999)
 - o Yatsu, Ryosuke; Taira, Kenji; Tsuchiya, Masahiro
 - o We report our investigations of a new and simpler femtosecond fiber-optic soliton compressor for chirp-compensated gain-switched diode-laser pulses and of pedestal suppression by a...

- All-optical, fiber-optic modulator and logic gate using nonlinear refraction and absorption**
 Abstract | Full Text: PDF
 - o Optics Letters, Vol. 11 Issue 11, pp.751-753 (1986)
 - o Normandin, R
 - o The first demonstration to our knowledge of new all-optical logic gates and modulators that use nonlinear refraction and absorption to modify fiber-to-fiber coupling is reported....

- Design Considerations of All-Optical A/D Conversion: Nonlinear Fiber-Optic Sagnac-Loop Interferometer-Based Optical Quantizing and Coding**
 Abstract | Full Text: PDF
 - o Journal of Lightwave Technology, Vol. 24 Issue 7, pp.2618- (2006)
 - o Ikeda, Kensuke; Abdul, Jalil Mohammad; Tobioka, Hideaki; Inoue, Takashi; Namiki, Shu; Kitayama, Ken-ichi
 - o The authors describe in detail the design considerations of our previously proposed novel optical quantizing and coding method for all-optical analog-to-digital (A/D) conversion using...

- Linearized optical single sideband Mach-Zehnder electro-optic**
 modulator for media over fiber systems

Refine search for full record: **Nonlinear Optical Fiber Optics**

- Frequent OCIS Categories:**
- [Nonlinear optics](#)
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Conference Paper
Optical Fiber Communication Conference (OFC)
San Diego, California
February 24, 2008
Silicon Photonics and Supercontinuum (OWM)

Fiber Supercontinuum Generation: Fundamentals to Applications

John M. Dudley

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(060.0060) Fiber optics and optical communications : Fiber optics and optical communications
(190.0190) Nonlinear optics : Nonlinear optics
(190.4370) Nonlinear optics : Nonlinear optics, fibers
(060.5295) Fiber optics and optical communications : Photonic crystal fibers

Citation
J. M. Dudley, "Fiber Supercontinuum Generation: Fundamentals to Applications," in *Optical Fiber Communication Conference and Exposition and The National Fiber Optic Engineers Conference*, OSA Technical Digest (CD) (Optical Society of America, 2008), paper OWM4.
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[F. I. Baida](#), [A. Belkhir](#), and [D. Van Labeke](#)

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[O. Lamrous](#)

Laboratoire de Physique et Chimie Quantique, Université Mouloud Mammeri, Tizi-Ouzou, Algeria

(Received 11 July 2006; revised 25 September 2006; published 16 November 2006)

A theoretical investigation is presented of the mode propagation and attenuation in a nanometric coaxial waveguide in real metal. By a rapid comparison with other structures, it is established that a coaxial waveguide has propagative modes with very interesting properties: the cutoff wavelengths are very large, they become larger when a perfectly electric conductor is replaced by gold or silver (real metal), and they can be increased when the outer and inner radii are very close one to other. By studying dispersion curves and field structures, it is shown that surface plasmon modes are responsible for these properties. By simply changing the geometrical parameters of the structure, a very large effective index and very low group velocities could be obtained. We also establish that, in spite of the metal losses, a reasonable large propagation length could be obtained (50 μm) which should allow applications for guiding light in nano-optics.

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Enhanced backscattering by multiple nanocylinders illuminated by TE plane wave

 J. Appl. Phys. **104**, 064310 (2008); DOI:10.1063/1.2975214

Published 24 September 2008

[ABSTRACT](#) [REFERENCES \(48\)](#)

 Hao-Yuan She,¹ Le-Wei Li,^{1,3} Soo Jin Chua,¹ Wei-Bin Ewe,² Olivier J. F. Martin,³ and Juan R. Mosig³
¹Nanoscience and Nanotechnology Initiative and Department of Electrical and Computer Engineering, National University of Singapore, Kent Ridge 119260, Singapore

²Institute of High Performance Computing, Singapore Science Park II 117528, Singapore

³Institute for Transmission, Waves and Photonics, Swiss Federal Institute of Technology, Lausanne CH-1015, Switzerland

In this paper, we study the multiple scattering by electrically small (the radius of the cylinder is much smaller than the wavelength) plasmonic nanocylinders near surface plasmon resonance. The cylinders are assumed to be identical in dimension and composition. The incident plane wave is assumed to be TE polarized so that the plasmon resonance of two-dimensional cylindrical structures (for both individual and group of cylinders) can be excited. It is found that multiple plasmonic cylinders enhance the near-field magnetic field intensity due to mutual coupling. When the electrical dimension q of the cylinders ($q = k_0 R$, where k_0 is the wave number of the free space and R is the radius of the cylinder) is fixed, the magnitude of the field distribution primarily depends on the positions of the cylinders at normal incidence. ©2008 American Institute of Physics

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Issue Date: September/October 2008

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Shen-hong Chen,¹ Sheng Qiang,² Isam Shahrour,³ and Peter Egger⁴

¹Professor, State Key Laboratory of Water Resources and Hydropower Engineering Science, Wuhan Univ., Wuhan, Hubei, 430072, P.R. China (corresponding author). E-mail: chensh@whu.edu.cn

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⁴Professor, LMR-DGC, Swiss Federal Institute of Technology in Lausanne, CH-1015 Lausanne, Switzerland. E-mail: peter.egger@freesurf.ch

This paper presents the formulation and application of a composite element method, which is intended for numerical modeling of discontinuous rock masses. This method allows analysis of fractured rock masses using regular meshes that do not need to rigorously respect the orientations and positions of discontinuities. It can be incorporated in conventional finite-element programs. The performance of this method are illustrated through its use for the analysis of the mechanical behavior of the Baozhusi gravity dam which is constructed on a complex rock foundation.

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History: Submitted 19 May 2006; accepted 29 January 2008
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A short-range-correlation (SRC) model is introduced in the framework of Markov/Gibbs random field theory to characterize and simulate random media. The Metropolis spin-flip algorithm is applied to build a robust simulator for multiphase random materials. Through development of the SRC model, several crucial conceptual ambiguities are clarified, and higher-order statistical simulation of random materials becomes computationally feasible. In the numerical examples, second- and third-order statistical simulations are demonstrated for biphase random materials, which shed light on the relationship between n th-order correlation functions and morphological features. Based on the observations, further conjectures are made concerning some fundamental morphological questions, particularly for future investigation of physical behavior of random media. It is expected that the SRC model can also be extended to third- and higher-order simulations of non-Gaussian stochastic processes such as wind pressure, ocean waves, and earthquake accelerations, which is an important research direction for high fidelity simulation of physical processes.

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A mathematical model describing the coupling of electrical and optical effects in the active region of a realistic semiconductor laser medium is introduced. The weakly nonlinear analysis which follows gives rise to a leading-order problem describing three lateral modes. At the next order, the secularity conditions exhibit competition for photons and modal interaction. By making further assumptions, a partially lumped model is deduced which has no counterpart in the existing literature; this simplified system consists of one parabolic and six first-order hyperbolic partial differential equations. Predictions of this partially lumped model are compared with experimental observations.

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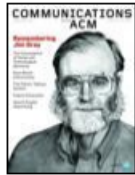
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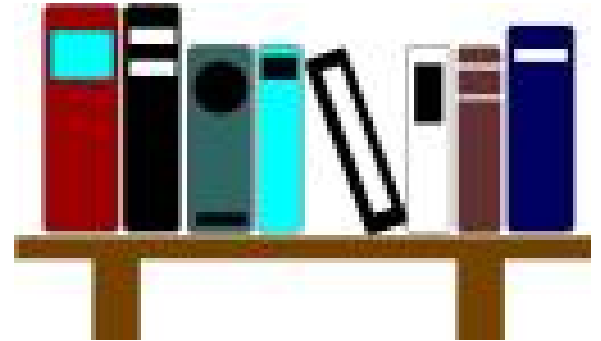
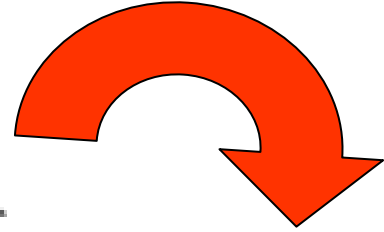
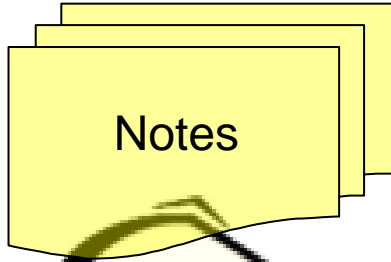
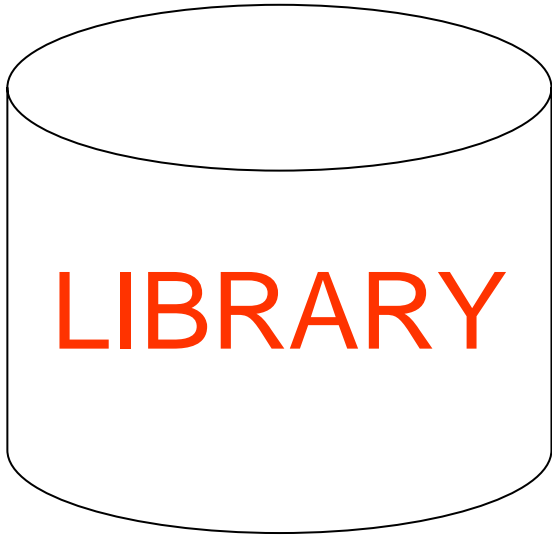
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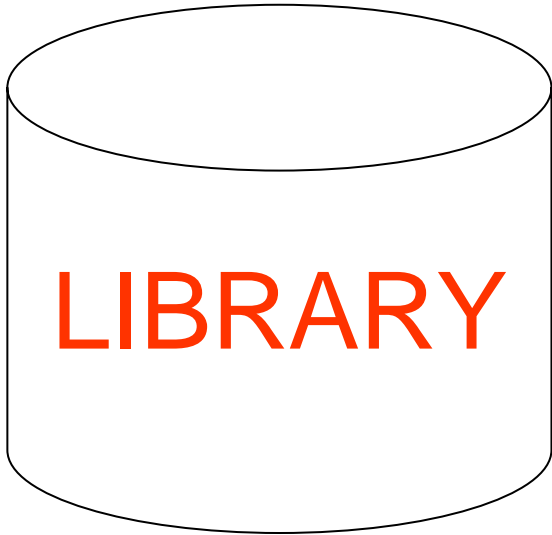
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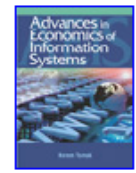
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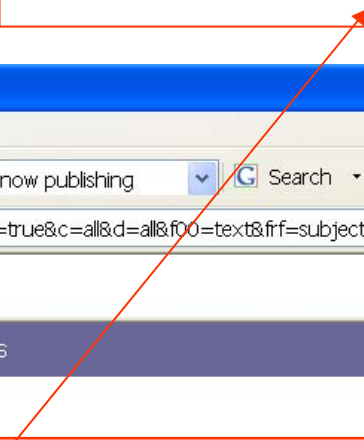
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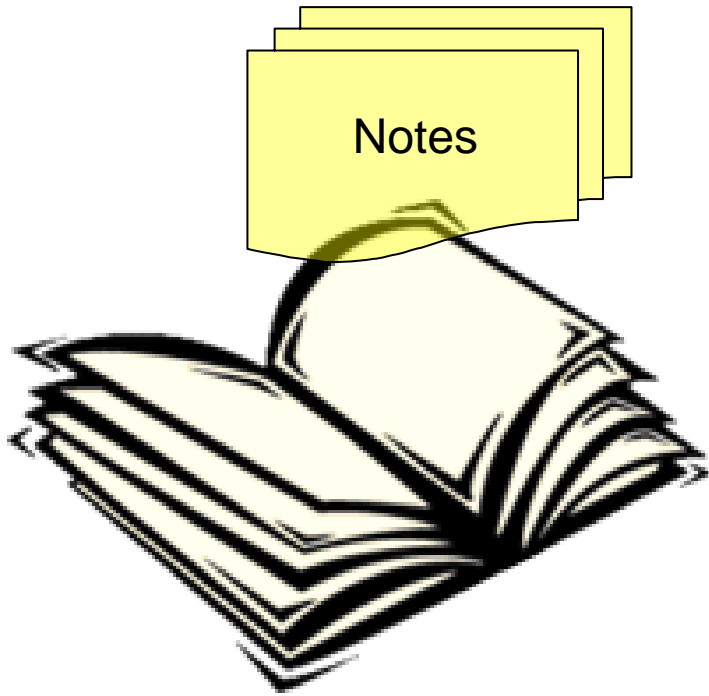
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The screenshot shows a web browser window with the Merriam-Webster Online dictionary page. The address bar shows the URL <http://www.m-w.com/cgi-bin/dictionary?va=differentials>. The page features the Merriam-Webster logo and navigation links for 'Merriam-Webster FOR KIDS', 'Encyclopædia Britannica', 'Merriam-Webster ONLINE', and 'Merriam-Webster COLLEGIATE'. A 'VISUAL THESAURUS' section is visible with a search box containing the word 'learn' and a 'LOOK IT UP' button. The main content area displays the search results for 'differential', showing one entry found. The entry details include the main entry 'differential', its function as a noun, and a definition: '1 a : the product of the derivative of a function of one variable by the increment of the independent variable'. The page also includes a sidebar with navigation options like 'HOME', 'PREMIUM SERVICES', 'DOWNLOADS', and 'WORD OF THE DAY'. The browser's taskbar at the bottom shows the start button, several open applications, and the system clock indicating 9:30 PM.

Merriam-Webster Online

Merriam-Webster FOR KIDS Encyclopædia Britannica

Merriam-Webster ONLINE Merriam-Webster COLLEGIATE

VISUAL THESAURUS

learn LOOK IT UP TRY IT NOW!

Merriam-Webster Online Dictionary

Thesaurus

One entry found for **differential**.

Main Entry: ²**differential**
Function: *noun*
1 a : the product of the derivative of a function of one variable by the increment of the independent variable

...structure of the bank, and anticipated that have resulted in an absence of senior management or avoided

...ould establish the maximum maximum loans should be granted with a security scheduling should be designated source of repayment, the life of the collateral.

...an types must be sufficient to provision, administration (including losses. At the same time, they of profit. Rates should be periodic reflect changes in costs or competitive factors. Rate **differentials** may be deliberately maintained either to encourage some types of borrowers to seek credit elsewhere or to attract a specific type of borrower. Guidelines for other relevant procedures, such as the determination of fees on commit-

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start | Inbox - Outlook ... | Corporate | 2 Microsoft Po... | Igroup Demo Sit... | Merriam-Webste... | 98% | 9:30 PM

Search

[Analyzing I Framework Corporate Financial R](#)

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Contributor: G (Author)
 Publisher: Worl
 Date: 1999

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...of lending officers, the deposit structure of the bank, and anticipated credit demand. Types of credit that have resulted in an abnormal loss should be controlled by senior management or avoided completely.

- **Maturities.** A maturity for each realistic repayment terminated in re purpose of the
- **Loan pricing.** cover the costs ing general ove should provide periodically review petitive factors either to encour where or to attract a specific type of borrower. Guidelines for other relevant procedures such as the determination of fees on commit-

- Define
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- Locate
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- Search Web
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- Highlight
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- Copy Bookmark
- Print...
- Print Again
- Toggle Automenu
- Preferences...
- Help...
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Auto Translate ENGLISH TO THAI

The screenshot shows a web browser window displaying the LEXITRON Thai-English Dictionary. The browser's address bar shows the URL: <http://lexitron.nectec.or.th/sansarn?query=a42001b2eadba56e98>. The website header includes the title "LEXITRON version 2.0 Thai<...>English Dictionary" and a navigation menu with links: Home, Introduction, Download LEXITRON, Webboard, Vocabulary Suggestion, and Language. Below the navigation menu, there is a search bar with the text "Thai <...> English Dictionary" and a prompt "ใส่คำศัพท์ที่ต้องการค้นหา (ไทย หรือ English):". A "Look Up" button is visible next to the search bar. A pop-up window titled "MEANING" displays the definition for the word "attract":

attract [ค้นข้อมูลเพิ่มเติม](#)

1. **attract** [VT] ; ดึงดูดความสนใจ
Syn. allure; charm; appeal to
2. **attract** [VI] ; มีความน่าสนใจ
Syn. be attractive
3. **attract** [VT] ; ทำให้เข้ามาใกล้
Syn. make approach; make adhere

The background of the browser window shows a document with text, including the word "attract" highlighted in a black box. The Windows taskbar at the bottom shows the Start button, several open applications (Inbox - Outlook, Corporate, Microsoft Po..., Igroup Demo Sit..., LEXITRON Thai...), and system tray icons (98% battery, Internet, 9:32 PM).

Home

Search

Analyzing Banking Risk: A Framework for Assessing Corporate Governance and Financial Risk

View this title

Contributor: G... (Author)

Publisher: World Scientific

Date: 1999

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How to view this document

English

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ing has far exceeded the growth of international trade and capital flows, and has contributed to greater exchange rate volatility and therefore currency risk.

Currency risk arises from a mismatch between the value of assets and that of capital and liabilities denominated in foreign currency (or vice versa), or because of a mismatch between foreign receivables and foreign payables that are expressed in domestic currency. Such mismatches may exist between both principal and interest due. **Currency risk** is of a speculative nature and can thereby result in a gain or a loss, depending on the direction of exchange rate shifts and whether a bank is net long or short in a particular foreign currency. For example, in the case of a net long position in a particular foreign currency, domestic currency depreciation will result in a net gain, while domestic currency appreciation will produce a loss. Under a net short position in a particular foreign currency, the opposite effect will have the opposite effect.

In principle, the fluctuations in the value of a bank's foreign currency assets and liabilities are, in turn, brought about by differences in the exchange rates of these currencies. These are normally motivated by macroeconomic factors and are manifested over relatively long periods of time. Although market sentiment can

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Auto SEARCH the WEB

The image shows a Windows XP desktop environment. In the background, an Internet Explorer window displays the 'iGroup Demonstration Site'. The page content includes a search bar, a sidebar with navigation links like 'Analyzing Framework', and a main text area discussing 'currency risk'. The text is partially obscured by a search engine overlay.

The foreground overlay is a smaller Internet Explorer window titled 'Google Search: Currency risk - Microsoft Internet Explorer'. The address bar shows the search URL: <http://www.google.com/search?q=Currency+risk>. The search results are displayed under the heading 'Web' and show 'Results 1 - 10 of about 6,650,000 for Currency risk. (0.42 seconds)'. The first result is 'Valore International Finance - Currency Risk Management' with a snippet: 'CURRENCY RISK MANAGEMENT Line. Contents: Order from Chaos Exposure Defined Operating Performance Investment Risk Economic Analysis Liquidity and Valuation ...'. A second result is 'Valore International Finance - Currency Risk Management' with a snippet: 'Clearly, it is the investor who assumes the risk of currency exposure from the standpoint of the investment currency. ...'. A third result is 'Currency Risk contents' with a snippet: 'The introduction of the euro has changed currency risk management in Europe and acted as a catalyst for further consolidation among the major players in the ...'. To the right of the search results, there are 'Sponsored Links' including 'Downloadable Papers' and 'Risk Management Software'.

The Windows taskbar at the bottom shows the 'start' button, several open applications (Inbox - Outlook, Corporate, 2 Microsoft Po..., Igroup Demo Sit..., Google Search: ...), a system tray with a 98% battery indicator and the time 9:35 PM.

Search

Home

Contributor: G... (Author)
Publisher: Wor...
Date: 1999

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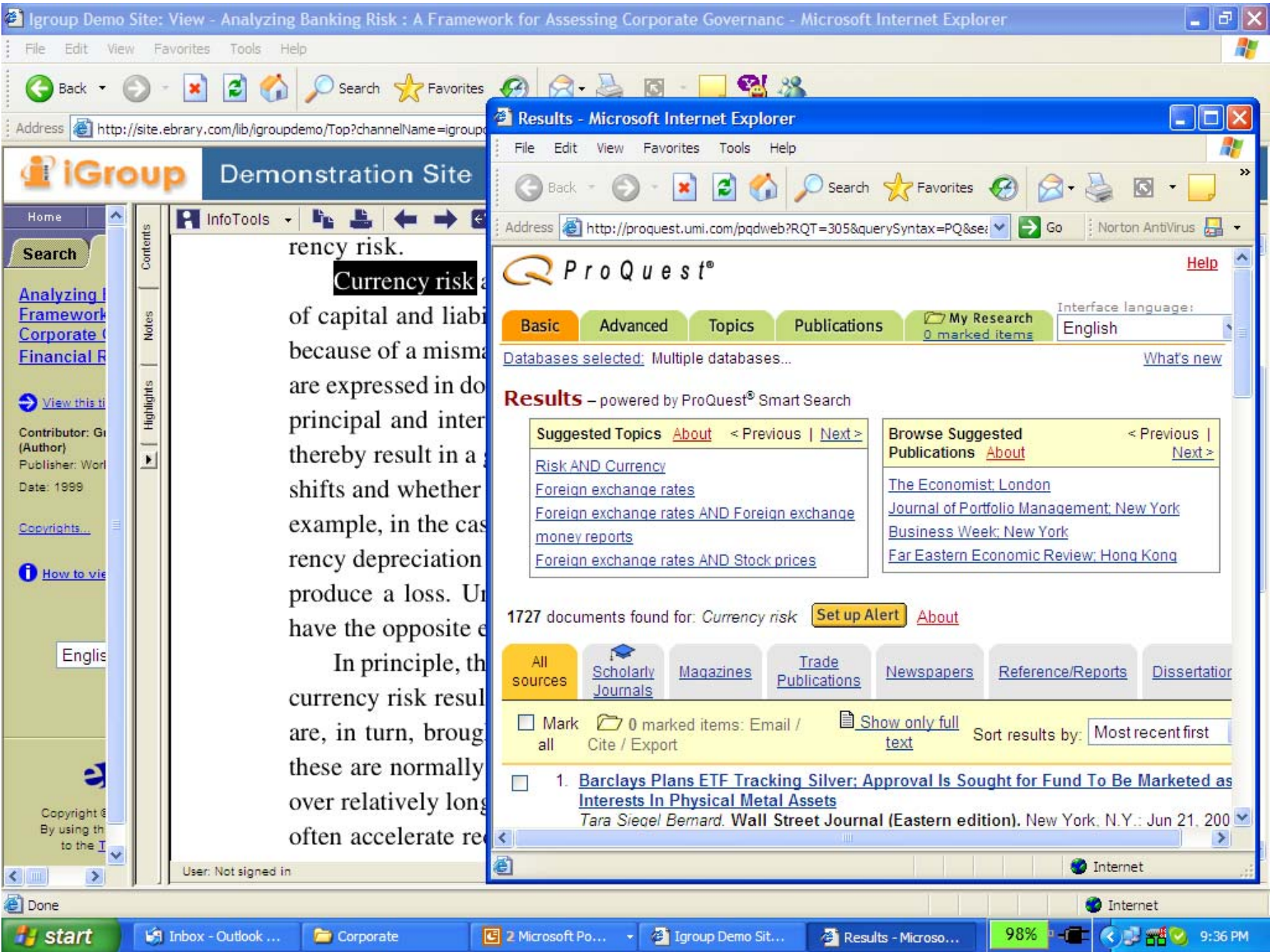
English

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rency risk.

Currency risk is a mismatch between the value of assets and that of capital and liabilities denominated in foreign currency (or vice versa), or because of a mismatch between foreign receivables and foreign payables that are expressed in different currencies. Such mismatches may exist between both principal and interest payments. Currency risk is of a speculative nature and can thereby result in losses or gains depending on the direction of exchange rate shifts and whether the value of the currency depreciates or appreciates. For example, in the case of a domestic currency, a depreciation will produce a loss. In the case of a foreign currency, domestic currency depreciation will result in a gain, while appreciation will produce a loss. In principle, currency risk arises from differences in the value of domestic currency that create losses or gains in foreign and domestic interest rates that are, in turn, broadened by differences in inflation. Fluctuations such as these are normally motivated by macroeconomic factors and are manifested over relatively long periods of time, although currency market sentiment can often accelerate recognition of the trend. Other macroeconomic aspects that

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- Search All Documents
- Search Web
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 - Proquest ABI
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 - Nature
 - Emerald
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1727 documents found for: Currency risk Set up Alert About

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Mark all Cite / Export 0 marked items: Email / Show only full text Sort results by: Most recent first

- 1. Barclays Plans ETF Tracking Silver; Approval Is Sought for Fund To Be Marketed as Interests In Physical Metal Assets
Tara Siegel Bernard. Wall Street Journal (Eastern edition). New York, N.Y.: Jun 21, 2009

“But Now What??”

...I have a better idea of this Chapter, but I need to use it for my coursework

The screenshot shows a presentation slide from ebrary. At the top, there are navigation buttons: 'Get ebrary Reader' and 'Launch Presentation'. Below these is a search bar and a toolbar with various icons. The main content area displays the title 'CHAPTER 7' in black and 'RISK MANAGEMENT' in red. Underneath, a box titled 'KEY MESSAGES' contains several paragraphs of text. The text discusses the importance of risk management for banks, mentioning customer profiles, banking products, loan maturity, credit risk, and asset classification. At the bottom of the slide, it says 'User: Not signed in | Page 125 (142 of 307)'.

CHAPTER 7
RISK MANAGEMENT

KEY MESSAGES

lies at the heart of survival for the vast majority of banks.

The profile of customers (**WHOM** has been lent to) must be transparent.


Risks associated with the key banking products (**WHAT** has been lent) must be understood and managed.

The maturity profile of loan products (for **HOW LONG** the loans have been made) interacts strongly with liquidity risk management.

Credit risk can be limited by reducing connected-party lending and large exposures to related parties.

Asset classification and subsequent provisioning against possible losses impacts not only the value of the loan portfolio but also the true underlying value of a bank's capital.

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of individual off-balance-sheet items is to assess
ent to meet particular financial commitments in a

review. An analysis of the aggregate loan portfolio
usually provides a good picture of a bank's business
priorities, as well as the type of credit **risk** that the
willing to take. An aggregate loan portfolio analysis
following:



[Complexity and the History of Economic Thought : Selected Papers from the History of Economics Society Conference](#)

[View this title](#)

Contributor: History of Economics Society Staff (Author)

Publisher: Routledge
Date: 2000

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Notes

Highlights

Recently a new approach to science has developed. It is called the complexity approach. A number of researchers, such as Brian Arthur and Buz Brock, have used this approach to consider issues in **economics**. This volume considers the complexity approach to **economics** from a history of thought and methodological perspective. It finds that the ideas underlying complexity have been around for a long time, and that this new work in complexity has many precursors in the history of economic thought.

This book consists of twelve studies on the issue of complexity and the history of economic thought. The studies relate complexity to the ideas of specific economists such as Adam Smith, Karl Marx, Alfred Marshall and Ragnar Frisch as well as to specific schools of **economics** such as the Austrian and Institutional schools.

The result of looking at the history of economic thought from a complexity perspective not only gives us additional insight into the complexity vision, it also gives insight into the history of economic thought. When that history is viewed from a complexity perspective, the rankings of past economists change. Smith and Hayek move up in the rankings while Ricardo moves down.

The screenshot shows a Microsoft Internet Explorer browser window displaying a page from the iGroup Demonstration Site. The browser's address bar shows the URL: <http://site.ebrary.com/lib/igroupdemo/Top?channelName=igroupdemo&cpage=1&docID=10054228&f00=text&frm=smp.x&hitsPerPage=10&layout=document&p00=economics&sc>. The page title is "Complexity and the History of Economic Thought : Selected Papers from the Histor - Microsoft Internet Explorer".

The main content area displays the text of a book page, starting with "Recently a new approach to science has developed. It is called the complexity approach. A number of researchers, such as Brian Arthur and Buz Brock, have used this approach to consider issues in **economics**. This volume considers the complexity approach to **economics** from a history of thought and methodological perspective. It finds that the ideas underlying complexity have been around for a long time, and that this new work in complexity has many precursors in the history of economic thought." The text continues with "This book consists of twelve studies on the issue of complexity and the history of economic thought. The studies relate complexity to the ideas of specific economists such as Adam Smith, Karl Marx, Alfred Marshall and Ragnar Frisch as well as to specific schools of **economics** such as the Austrian and Institutional schools." A paragraph is highlighted in yellow: "The result of looking at the history of economic thought from a complexity perspective not only gives us additional insight into the complexity vision, it also gives insight into the history of economic thought. When that history is viewed from a complexity perspective, the rankings of past economists change. Smith and Hayek move up in the rankings while Ricardo moves down."

On the left side, there is a sidebar with a "Notes" section. This section is highlighted with a red box and contains a note titled "COMPARE Marx, Marshall and Frisch via economic history". Below the note, there are "Delete" and "Revert" buttons. The sidebar also includes a "Contents" section with a table listing "COMPARE Mar..." on page "i".

The browser's status bar at the bottom shows the URL <http://site.ebrary.com/lib/dev/> and the user name "User: limching".

Create NOTES within on the Book Page

iGroup: View - Network-Centric Naval Forces: A Transition Strategy for Enhancing Operational Ca - Microsoft Internet Explorer

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Network-Centric Naval Forces: A Transition Strategy for Enhancing Operational Capabilities

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Contributor: Committee on Network-Centric Naval Forces(Author)
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1.1 MISSION EFFECTIVENESS: WHAT IS REQUIRED

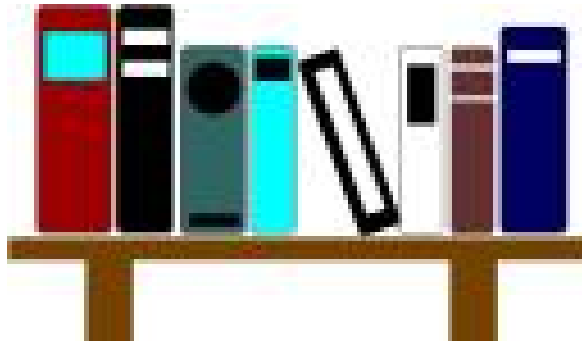
1.1.1 Joint Vision 2010

In one way or another all military operations will be joint. That is, systems and forces from all the Services and from National agencies will contribute to the U.S. Armed Forces' operations in ways that vary with the circumstances. Developed in the past few years by the Joint Chiefs of Staff, Joint Vision 2010 envisions how the Armed Forces will channel the vitality and innovation of the nation's people and use the leverage offered by advancing technology to achieve unprecedented levels of power, timeliness, and decisiveness in joint operations and warfighting. The Navy and Marine Corps have also developed conceptual descriptions of their own future warfighting strategies—"Forward...From the Sea"² and "Operational Maneuver From the Sea"³—that have themes in common with Joint Vision 2010. Most importantly, all of these concepts have recognized

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Easily Navigate all your notes and highlights from within the eBook



STUDENT and
FACULTY resources

Part 3: Bookshelf

The image shows a screenshot of an e-reader application. On the left, there is a sidebar with navigation options: Home, Sign Out, Help, Search, View, and Bookshelf. Below these are links for 'Complexity and the History of Economic Thought : Selected Papers from the History of Economics Society Conference', 'View this title', contributor information (History of Economics Society Staff), publisher (Routledge), date (2000), and a language selector set to 'English'. The main content area is divided into 'Notes' and 'Highlights' sections. A context menu is open over a highlighted text block, with 'Add To Bookshelf' selected and circled in red. The menu also includes options like 'Define', 'Explain', 'Locate', 'Translate', 'Who', 'Search Document...', 'Search All Documents...', 'Search Web', 'Search Web Resources', 'Highlight', 'Copy Text...', 'Copy Bookmark', 'Print...', 'Print Again', 'Toggle Automenu', 'Preferences...', 'Help...', and 'About ebrary Reader...'. The bottom status bar shows 'User: limching' and '(1 item remaining)'.

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Tired of not being able to save your notes and research?

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My Selected Titles

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<input type="checkbox"/>	Caring for People in Pain Page ii: Written by experienced practitioners and teachers, books in this series encourage Page ii: Nursing Theories and Models Hugh McKenna Nursing Perspectives on Quality of	Authors: Davis, Bryn D. (Author) Added: 2005-03-14 22:58
<input type="checkbox"/>	Chinese Professionals & the Republican State : The Rise of Professional Associations in Shanghai, 1912-1937 Page i: Xiaoqun Xu makes a compelling and original contribution to the study	Authors: Xu, Xiaoqun(Author) Added: 2004-10-18 23:39
<input type="checkbox"/>	Coercive Military Strategy Page 34: The Cold War has ended, but the intellectual legacy of the	Authors: Cimbala, Stephen J. (Author) Added: 2004-10-26 20:01
<input type="checkbox"/>	Countering Al Queda : An Appreciation of the Situation and Suggestions for Strategy Page 1: Since the terrorist attacks of September 11, 2001, the United States Page 1: The United States has avoided portraying its campaign against al Qaeda	Authors: Jenkins, Brian Michael (Author) Added: 2004-10-26 19:57

Internet

<input type="checkbox"/>	Google Story Page 6:	Authors: Vise, David A. (Author) Added: 2006-03-05 03:22
<input type="checkbox"/>	Interpreting China's Grand Strategy: Past, Present & Future	Authors: Swaine, Michael D. (Author) Added: 2004-10-26 20:01
<input type="checkbox"/>	Network-Centric Naval Forces: A Transition Strategy for Enhancing Operational Capabilities Page i: Network-Centric Naval Page i: A Transition Strategy for Enhancing Operational Page 11: In one way or another all military operations will be joint. Page 175: Information Assurance — Securing the Naval Command and Information Infrastructure	Authors: Committee on Network-Centric Naval Forces (Author) Added: 2004-10-27 23:54
<input type="checkbox"/>	Volcanoes : An Introduction Page i: These are but a few of the many questions addressed in	Authors: Scarth, Alwyn (Author) Added: 2005-10-14 04:56

Easily navigate your notes from within this eBook



Network-Centric Naval Forces: A Transition Strategy for Enhancing Operational Capabilities

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Contributor: Committee on Network-Centric Naval Forces(Author)
Publisher: National Academies Press
Date: 2000

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address them by technical or procedural means. Constant awareness that portions of the system may be compromised will help warfighters react appropriately to situations. Backup plans should be developed for the most likely compromise scenarios, and warfighters should be trained in these procedures.

This chapter briefly sketches the magnitude of the security problem in today's systems; discusses the defense-in-depth strategy of prevention, detection, and tolerance; then, describes and assesses what the Department of the Navy is doing today for information assurance; and finally, identifies needed research and discusses some promising research programs that may produce needed technology.

5.1 INTRODUCTION

The Defense Information Systems Agency (DISA) estimates that there are 250,000 attacks on Department of Defense (DOD) computer systems every year.

& when it comes time to cite your references...so easy

The screenshot shows a PDF viewer window titled "InfoTools" with a page number of "Page 175 (195 of 509)". On the left, a table of contents lists sections from "Front Matter" to "H Acronyms and Abbreviations". The main content area displays a paragraph about technical or procedural means for addressing system compromises. A portion of this text is highlighted in black, and a context menu is open over it. The menu includes options like "Define", "Explain", "Locate", "Translate", "Who", "Search Document...", "Search All Documents...", "Search Web", "Search Web Resources", "Highlight", "Add To Bookshelf", "Copy Text...", "Copy Bookmark", "Print...", and "Print Again".

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This chapter addresses the magnitude of the security problem in today's systems; details the depth strategy of prevention, detection, and tolerance; discusses what the Department of Defense is doing today; and identifies needed research and development programs that may produce needed technology.

- Define
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- Locate
- Translate
- Who
- Search Document...
- Search All Documents...
- Search Web
- Search Web Resources
- Highlight
- Add To Bookshelf
- Copy Text...
- Copy Bookmark
- Print...
- Print Again

The Defense Intelligence Agency (DISA) estimates that there are 250,000 attacks on (DOD) computer systems every year.

Paste to your Word Doc and Citation Is Automatically Added...

In the end, George W. Bush made the leap to the White House as successfully as any president in modern times, despite the odds. He capitalized on the base of power the job itself gave him. He used his style to build popular support as well as policy victories.

Kerl, Donald (Author). Team Bush.
Blacklick, OH, USA: McGraw-Hill Professional, 2003. p 26.
<http://site.ebrary.com/lib/igroupdemo/Doc?id=10026356&page=32>

