The Virtual World »

PB2011105171

U.S. Initiatives to Promote Global Internet Freedom: Issues, Policy, and Technology, January 3, 2011.
Congressional Research Service, Washington, D.C.
2011, 28p
Related Categories/Sub Categories:
62 (Computers, Control & Information Theory)
88B (Information Systems)
92C (Social Concerns)
92E (International Relations)
Keywords: Internet, United States government, Censorship.

ADA523539

Being There is Only the Beginning: Toward More Effective Web 2.0 Use in Academic Libraries.
Pratt Inst., Brooklyn, NY.
2010, 10p
Related Categories/Sub Categories:
62 (Computers, Control &Information Theory)
88B (Information Systems)
Keywords: Customer services, Marketing, Internet.

N20100021398

21st Century Connections: Making Sense of Social Media Tools.
NASA Ames Research Center
2010, 66p
ARC-E-DAA-TN752
Related Categories/Sub Categories:
45D (Sociopolitical)
62 (Computers, Control & Information Theory)
92C (Social Concerns)
Keywords: Internet, Sociology, NASA programs.

ADA539936

Leveraging Technology and Social Media for Information Sharing.
Air Force Fellows Program, Maxwell AFB, AL.
2009, 40p
AU/AFF/NNN/2009-0712
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
45D (Sociopolitical)
92C (Social Concerns)
Keywords: Communications networks, Secure communications, Information exchange.

PB2011107793

Opportunity for All: How the American Public Benefits from Internet Access at U.S. Libraries.
Institute of Museum and Library Services, Washington, DC.
2010, 212p
IMLS-2010-RES-01
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
88B (Information Systems)
92D (Education, Law, & Humanities)
88B (Information Systems)
Keywords: Computer communications, Internet, Public education.

Category 88 – Library & Information Sciences

PB2011101392

Environmental Protection Agency:
EPA Needs to Complete a Strategy for Its Library Network to Meet Users' Needs.
Government Accountability Office, Washington, DC.
2010, 40p
GAO-10-947
Related Categories/Sub Categories:
68 (Environmental Pollution & Control)
88B (Information Systems)
Keywords: Environmental research, Reorganization, Librarians.

Category 88 – Library and Information Sciences

PB2011107774
Advancing Research and Practice in Digital Curation and Publishing.
Summary Report and Recommendations of the Workshop on Next Steps in Research, Education and Practice.
University Coll., London (England).
2010, 12p
Related Categories/Sub Categories:
62B (Computer Software)
88B (Information Systems)
Keywords: Digital systems, Electronic publishing, Data base management.

DE2010975221
Design and Implementation of a Metadata-Rich File System.
Lawrence Livermore National Lab., CA.
2010, 16p
LLNL-TR-422677
Related Categories/Sub Categories:
62 (Computers, Control & Information Theory)
88B (Information Systems)
Keywords: Query systems, Metadata, File systems.

ADA536493
Can You Work with Me? Using a Qualitative Meta Analytic Review to Understand the Effects of Culture on the Formation of Swift Trust within Global Virtual Teams.
Office of Aerospace Research and Development, APO-AP 96337-0007.
2011, 49p
Related Categories/Sub Categories:
88B (Information Systems)
92C (Social Concerns),
92D (Education, Law, & Humanities)
Keywords: Culture, Social psychology, Information systems.

ADA523199
Connecting the Dots: Enduring Challenges in the Nation's Information Sharing Environment.
Army Command and General Staff Coll., Fort Leavenworth, KS.
School of Advanced Military Studies.
2010, 95p
Related Categories/Sub Categories:
88B (Information Systems)
91I (Emergency Services & Planning)
Keywords: Homeland security, Information exchange, National security.

ADA524642
Information Transfer in Wireless Networks.
Gdansk Technical Univ. (Poland).
2010, 13p
Related Categories/Sub Categories:
62 (Computers, Control & Information Theory)
88B (Information Systems)
Keywords: Wireless computer networks, Information transfer, Poland.

Category 45 – Communication

ADA539880
How Americans are Getting News and Information in the 21st Century.
Air War Coll., Maxwell AFB, AL. Center for Strategy and Technology.
2009, 34p
Related Categories/Sub Categories:
45D (Sociopolitical)
92C (Social Concerns)
92D (Education, Law, & Humanities)
Keywords: Information retrieval, Mass media, Radio broadcasting.

ADA503900
Social Networking Website Users and Privacy Concerns: A Mixed Methods Investigation.
Air Force Inst. of Tech., Wright-Patterson AFB, OH. Graduate School of Engineering and Management.
2009, 63p
AFIT/GEM/ENV/09-M14
Related Categories/Sub Categories:
45F (Verbal)
62B (Computer Software)
Keywords: Internet, Social communication, Networks.

PB2010106638
Social Networking and Constituent Communications: Member Use of Twitter During a Two-Month Period in the 111th Congress, February 3, 2010.
Congressional Research Service, Washington, DC.
2010, 17p
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
45D (Sociopolitical)
92C (Social Concerns)
Keywords: Social communication, Data analysis, Human behavior.

ADA522953
Marching Toward the Metaverse: Strategic Communication Through the New Media.
Army Command and General Staff Coll., Fort Leavenworth, KS.
School of Advanced Military Studies.
2010, 63p
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
62 (Computers, Control & Information Theory)
88B (Information Systems)
Keywords: Internet, Information exchange, Strategic communications.

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Key to Database Fields Used

The following NTIS database fields are used in this short listing of recently acquired technical reports.

NTIS Order Number
Title
Source
Report Year, Page Count
Report Number/ISBN13 (if available)
Related Categories/Sub-categories
(where the document is also indexed)
Keywords

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- Connie Fritz, Science Librarian, RPI

Major Subject Categories

Category Codes* / Title	New for May Quantity**
41 Manufacturing Technology	32
43 Problem Solving Information for State & Local Governments	254
44 Health Care	282
45 Communication	59
46 Physics	208
47 Ocean Sciences & Technology	214
48 Natural Resources & Earth Sciences	271
49 Electrotechnology	60
50 Civil Engineering	102
51 Aeronautics & Aerodynamics	92
54 Astronomy & Astrophysics	76
55 Atmospheric Sciences	95
57 Medicine & Biology	611
62 Computers, Control & Information Theory	130
63 Detection & Countermeasures	121
68 Environmental Pollution & Control	307
70 Administration & Management	468
71 Materials Sciences	68
72 Mathematical Sciences	65
74 Military Sciences	155
75 Missile Technology	2
76 Navigation, Guidance, & Control	20
77 Nuclear Science & Technology	104
79 Ordnance	45
81 Combustion, Engines, & Propellants	36
82 Photography & Recording Devices	12
84 Space Technology	87
85 Transportation	151
88 Library & Information Sciences	62
89 Building Industry Technology	26
90 Government Inventions for Licensing	1
91 Urban & Regional Technology & Development	262
92 Behavior & Society	510
94 Industrial & Mechanical Engineering	43
95 Biomedical Technology & Human Factors	45
96 Business & Economics	237
97 Energy	124
98 Agriculture & Food	137
99 Chemistry	173

* For a listing of Scope Notes that defines the specific topical content for each category, go to http://www.ntis.gov/pdf/scopenotes.pdf

** Quantities represent each new report assigned on average to 3-5 categories.

Category 45 – Communication

ADA532661
Impact of Information Loss and Information Error on Network-Enabled Decision-making.
Carnegie-Mellon Univ., Pittsburgh, PA. Inst. of Software Research Internet.
2010, 29p
CMU-ISR-10-127
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
70B (Management Practice)
88B (Information Systems)
Keywords: Information retrieval, Decision making, Communications networks.

ADA533052
Fundamentals of Wireless Networks: Connectivity and Capacity.
Lucent Technologies, Murray Hill, NJ.
2010, 66p
Related Categories/Sub Categories:
45B (Radio & Television Equipment)
45C (Common Carrier & Satellite)
Keywords: Radio links, Communications networks, Self organizing systems.

PB2011104643
Recovery Act Investments in Broadband: Leveraging Federal Dollars to Create Jobs and Connect America.
Executive Office of the President, Washington, DC. National Economic Council.
2009, 16p
Related Categories/Sub-Categories:
45A (Policies, Regulations, & Studies)
45C (Common Carrier & Satellite)
70F (Public Administration & Government)
96A (Domestic Commerce, Marketing, & Economics)
Keywords: Broadband stimulus, Telecommunication, Information access.

Subject Category Codes/Classification

NTIS classifies citations into 39 subject categories. Each of these subject categories is divided into subcategories. This method provides sorting categories for both hard and soft sciences. All subject categories consist of three character codes: two numerics and one alpha character.The numeric codes represent entire categories the alpha codes are used to designate subcategories within these broad categories. The number of NTIS subcategories posted to an information product average from three to five, although there are some reports with more.

Category 62 – Computers, Control, & Information Theory

N20100040556
Securing Social Media.
National Aeronautics and Space Administration, Huntsville, AL. George C. Marshall Space Flight Center.
2010, 33p
M10-1052
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
45E (Sociopolitical)
62 (Computers, Control &Information Theory)
92C (Social Concerns)
Keywords: Computer information security, Information resources
management, Social factors.

ADA514578
Next-Generation Strategic Communication: Building Influence Through Online Social Networking.
National Defense Univ., Norfolk, VA. Joint Forces Staff Coll.
2009, 19p
Related Categories/Sub Categories:
45E (Sociopolitical)
62 (Computers, Control & Information Theory)
74G (Military Operations, Strategy, & Tactics)
92C (Social Concerns)
92B (Psychology)
Keywords: Internet, Diplomacy, Strategic communications.

ADA523537
Defense Technical Information Center's 2010 Student Paper Competition: The Winning Papers.
Defense Technical Information Center, Fort Belvoir, VA.
Directorate for Information Science and Technology.
2010, 39p
DTIC-E-TR-2010/04
Related Categories/Sub Categories:
88B (Information Systems)
57T (Psychiatry)
62 (Computers, Control & Information Theory)
74F (Military Intelligence)
92 (Behavior & Society)
92B (Psychology)
Keywords: Students, United States government, Information centers.

ADA525395
Coordination and Collaboration Process within Committees in the Information Age.
Beijing Genomics Inst., Shenzen (China).
2010, 27p
Related Categories/Sub Categories:
45 (Communication)
62 (Computers, Control & Information Theory)
88B (Information Systems)
Keywords: Coordinates, Collaborative techniques, Information systems.

ADA537560
Rise of a Cybered Westphalian Age.
Air Univ., Maxwell AFB, AL. Strategic Studies Quarterly.
2011, 31p
Related Categories/Sub Categories:
62D (Information Processing Standards)
92E (International Relations)
95D (Human Factors Engineering)
Keywords: Network topology, International relations, Internet.

PB2009114587
Broadband Internet's Value for Rural America.
Economic Research Service, Washington, DC.
2009, 70p
Related Categories/Sub Categories:
45C (Common Carrier & Satellite)
62 (Computers, Control & Information Theory)
91H (Regional Administration & Planning)
98B (Agricultural Economics)
Keywords: Internet, Broadband, Computer networks.

N20110004219
Virtualizing Resources for the Application Services and Framework Team.
National Aeronautics and Space Administration, Cocoa Beach, FL. John F. Kennedy Space Center.
2010, 7p
KSC-2010-100
Related Categories/Sub Categories:
51 (Aeronautics & Aerodynamics)
62 (Computers, Control & Information Theory)
88 (Library & Information Sciences)
Keywords: Virtual properties, Information systems, NASA programs.

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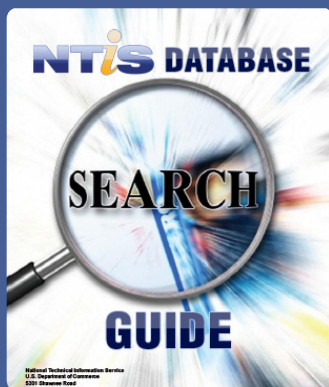
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Title Index - For NTRL Users

The following is a list of the titles included in this month's issue, without links to the NTIS Website. The list is in alphabetical order.

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ADA523539	88	Being There is Only the Beginning: Toward More Effective Web 2.0 Use in Academic Libraries.
PB2009114587	98	Broadband Internet's Value for Rural America.
ADA536493	92	Can You Work with Me? Using a Qualitative Meta Analytic Review to Understand the Effects of Culture on the Formation of Swift Trust within Global Virtual Teams.
ADA523199	88	Connecting the Dots: Enduring Challenges in the Nation's Information Sharing Environment.
ADA525395	45	Coordination and Collaboration Process within Committees in the Information Age.
ADA523537	74	Defense Technical Information Center's 2010 Student Paper Competition: The Winning Papers.
DE2010975221	88	Design and Implementation of a Metadata-rich File System.
PB2011101392	68	Environmental Protection Agency: EPA Needs to Complete a Strategy for Its Library Network to Meet Users' Needs.
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ADA539880	45	How Americans are Getting News and Information in the 21st Century.
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ADA524642	62	Information Transfer in Wireless Networks.
ADA539936	92	Leveraging Technology and Social Media for Information Sharing.
ADA522953	88	Marching Toward the Metaverse: Strategic Communication Through the New Media.
ADA514578	74	Next-Generation Strategic Communication: Building Influence through Online Social Networking.
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PB2011104643	45	Recovery Act Investments in Broadband: Leveraging Federal Dollars to Create Jobs and Connect America.
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ADA503900	92	Social Networking Website Users and Privacy Concerns: A Mixed Methods Investigation.
PB2011105171	92	U.S. Initiatives to Promote Global Internet Freedom: Issues, Policy, and Technology, January 3, 2011.
N20110004219	51	Virtualizing Resources for the Application Services and Framework Team.

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