DECLARATION OF JUNE ANN MUNFORD

1. My name is June Ann Munford. I am over the age of 18, have personal knowledge of the facts set forth herein, and am competent to testify to the same.

2. I earned a Master of Library and Information Science (MLIS) from the University of Wisconsin-Milwaukee in 2009. I have over ten years of experience in the library/information science field. Beginning in 2004, I have served in various positions in the public library sector including Assistant Librarian, Youth Services Librarian and Library Director. I have attached my Curriculum Vitae as Appendix CV.

3. During my career in the library profession, I have been responsible for materials acquisition for multiple libraries. In that position, I have cataloged, purchased and processed incoming library works. That includes purchasing materials directly from vendors, recording publishing data from the material in question, creating detailed material records for library catalogs and physically preparing that material for circulation. In addition to my experience in acquisitions, I was also responsible for analyzing large collections of library materials, tailoring library records for optimal catalog

search performance and creating lending agreements between libraries during my time as a Library Director.

4. I am fully familiar with the catalog record creation process in the library sector. In preparing a material for public availability, a library catalog record describing that material would be created. These records are typically written in Machine Readable Catalog (herein referred to as "MARC") code and contain information such as a physical description of the material, metadata from the material's publisher, and date of library acquisition. In particular, the 008 field of the MARC record is reserved for denoting the date of creation of the library record itself. As this typically occurs during the process of preparing materials for public access, it is my experience that an item's MARC record indicates the date of an item's public availability.

5. Typically, in creating a MARC record, a librarian would gather various bits of metadata such as book title, publisher and subject headings among others and assign each value to a relevant numerical field. For example, a book's physical description is tracked in field 300 while title/attribution is tracked in field 245. The 008 field of the MARC record is reserved for denoting the creation of the library record itself. As this is the only date reflecting the inclusion of said materials within the library's collection, it is my experience

that an item's 008 field accurately indicates the date of an item's public availability.

6. I have reviewed Exhibit DISH-1016, *Microsoft Computer Dictionary,* 4th Edition.

7. Attached hereto as Appendix MICROSOFT01 is a true and correct copy of the MARC record for *Microsoft Computer Dictionary* as held by the University of Pittsburgh library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix MICROSOFT01 accurately describes the title, author, publisher, and ISBN number of *Microsoft Computer Dictionary.* In comparing Exhibit DISH-1016 to Appendix MICROSOFT01, it is my determination that Exhibit DISH-1016 is a true and correct copy of *Microsoft Computer Dictionary,* 4th Edition.

8. The 008 field of the MARC record in Appendix MICROSOFT01 indicates the date of record creation. The 008 field of Appendix MICROSOFT01 indicates University of Pittsburgh library first acquired this book as of February 23, 1999. Considering this information, it is my determination that

Microsoft Computer Dictionary was made available to the public shortly after its initial acquisition as of February 23, 1999.

9. I have reviewed Exhibit DISH-1017, *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet*, 16th and a Half Edition.

10. Attached hereto as Appendix NEWTON01 is a true and correct copy of the MARC record for *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet* as held by the Wayne State University library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix NEWTON01 accurately describes the title, author, publisher, and ISBN number of *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet.* In comparing Exhibit DISH-1017 to Appendix NEWTON01, it is my determination that Exhibit DISH-1017 is a true and correct copy of *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet*, 16th and a Half Edition.

11. The 008 field of the MARC record in Appendix NEWTON01 indicates the date of record creation. The 008 field of Appendix NEWTON01 indicates Wayne State University library first acquired this book as of September 22, 2000. Considering this information, it is my determination that *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet* 16th and a Half Edition was made available to the public shortly after its initial acquisition as of September 22, 2000.

12. I have reviewed Exhibit DISH-1018, *Multimedia Information Networking* by Nalin K. Sharda.

13. Attached hereto as Appendix SHARDA01 is a true and correct copy of the MARC record for *Multimedia Information Networking* as held by the University of Pittsburgh library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix SHARDA01 accurately describes the title, author, publisher, and ISBN number of *Multimedia Information Networking.* In comparing Exhibit DISH-1018 to Appendix SHARDA01, it is my determination that Exhibit DISH-1018 is a true and correct copy of *Multimedia Information Networking* by Nalin K. Sharda.

14. The 008 field of the MARC record in Appendix SHARDA01 indicates the date of record creation. The 008 field of Appendix SHARDA01 indicates University of Pittsburgh library first acquired this book as of April 16, 1998. Considering this information, it is my determination that *Multimedia Information Networking* was made available to the public shortly after its initial acquisition as of April 16, 1998.

15. I have reviewed Exhibit DISH-1019, *Webster's New World Dictionary of Computer Terms*, 8th edition.

16. Attached hereto as Appendix WEBSTER01 is a true and correct copy of the MARC record for *Webster's New World Dictionary of Computer Terms* as held by the Kent State University library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix WEBSTER01 accurately describes the title, author, publisher, and ISBN number of *Webster's New World Dictionary of Computer Terms.* In comparing Exhibit DISH-1019 to Appendix WEBSTER01, it is my determination that Exhibit DISH-1019 is a true and correct copy of *Webster's New World Dictionary of Computer Terms,* 8th edition.

17. The 008 field of the MARC record in Appendix WEBSTER01 indicates the date of record creation. The 008 field of Appendix WEBSTER01 indicates Kent State University library first acquired this book as of February 16, 2000. Considering this information, it is my determination that *Webster's New World Dictionary of Computer Terms* was made available to the public shortly after its initial acquisition as of February 16, 2000.

[remainder of page intentionally left blank]

18. I have been retained on behalf of the Petitioner to provide assistance in establishing the authenticity and public availability of the documents discussed in this declaration. I understand that my declaration will be submitted as an exhibit to a petition for inter partes review. I am being compensated for my services in this matter at the rate of $200.00 per hour plus reasonable expenses. My statements are objective, and my compensation does not depend on the outcome of this matter.

19. I declare under penalty of perjury that the foregoing is true and correct. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Dated: 1/8/2024



June Ann Munford

APPENDIX CV

June A. Munford
Curriculum Vitae

Education

University of Wisconsin-Milwaukee - MS, Library & Information Science, 2009
Milwaukee, WI

- Coursework included cataloging, metadata, data analysis, library systems, management strategies and collection development.
- Specialized in library advocacy, cataloging and public administration.

Grand Valley State University - BA, English Language & Literature, 2008
Allendale, MI

- Coursework included linguistics, documentation and literary analysis.
- Minor in political science with a focus in local-level economics and government.

Professional Experience

Researcher / Expert Witness, October 2017 – present
Freelance ● Pittsburgh, Pennsylvania & Grand Rapids, Michigan

- Material authentication and public accessibility determination. Declarations of authenticity and/or public accessibility provided upon research completion. Experienced with appeals and deposition process.

- Research provided on topics of public library operations, material publication history, digital database services and legacy web resources.

- Past clients include Alston & Bird, Arnold & Porter, Baker Botts, Fish & Richardson, Erise IP, Irell & Manella, O'Melveny & Myers, Perkins-Coie, Pillsbury Winthrop Shaw Pittman and Slayden Grubert Beard.

Library Director, February 2013 - March 2015
Dowagiac District Library ● Dowagiac, Michigan

- Executive administrator of the Dowagiac District Library. Located in

Southwest Michigan, this library has a service area of 13,000, an annual operating budget of over $400,000 and total assets of approximately $1,300,000.

● Developed careful budgeting guidelines to produce a 15% surplus during the 2013-2014 & 2014-2015 fiscal years while being audited.

● Using this budget surplus, oversaw significant library investments including the purchase of property for a future building site, demolition of existing buildings and building renovation projects on the current facility.

● Led the organization and digitization of the library's archival records.

● Served as the public representative for the library, developing business relationships with local school, museum and tribal government entities.

● Developed an objective-based analysis system for measuring library services - including a full collection analysis of the library's 50,000+ circulating items and their records.

November 2010 - January 2013
Librarian & Branch Manager, Anchorage Public Library ● Anchorage, Alaska

● Headed the 2013 Anchorage Reads community reading campaign including event planning, staging public performances and creating marketing materials for mass distribution.

● Co-led the social media department of the library's marketing team, drafting social media guidelines, creating original content and instituting long-term planning via content calendars.

● Developed business relationships with The Boys & Girls Club, Anchorage School District and the US Army to establish summer reading programs for children.

June 2004 - September 2005, September 2006 - October 2013
Library Assistant, Hart Area Public Library
Hart, MI

● Responsible for verifying imported MARC records and original MARC

cataloging for the local-level collection as well as the Michigan Electronic Library.

● Handled OCLC Worldcat interlibrary loan requests & fulfillment via ongoing communication with lending libraries.

Professional Involvement

Alaska Library Association - Anchorage Chapter
- Treasurer, 2012

Library Of Michigan
- Level VII Certification, 2008
- Level II Certification, 2013

Michigan Library Association Annual Conference 2014
- New Directors Conference Panel Member

Southwest Michigan Library Cooperative
- Represented the Dowagiac District Library, 2013-2015

Professional Development

Library Of Michigan Beginning Workshop, May 2008
Petoskey, MI
- Received training in cataloging, local history, collection management, children's literacy and reference service.

Public Library Association Intensive Library Management Training, October 2011
Nashville, TN
- Attended a five-day workshop focused on strategic planning, staff management, statistical analysis, collections and cataloging theory.

Alaska Library Association Annual Conference 2012 - Fairbanks, February 2012
Fairbanks, AK
- Attended seminars on EBSCO advanced search methods, budgeting, cataloging, database usage and marketing.

Depositions

2019 ● Fish & Richardson

Apple v. Qualcomm (IPR2018-001281, 39521-00421IP, IPR2018-01282 and 39521-00421IP2)

2019 ● Erise IP

Implicit, LLC v. Netscout Systems, Inc (Civil Action No. 2:18-cv-53-JRG)

2019 ● Perkins-Coie

Adobe Inc. v. RAH Color Technologies LLC (Cases IPR2019-00627, IPR2019-00628, IPR2019-00629 and IPR2019-00646)

2020 ● O'Melveny & Myers

Maxell, Ltd. v. Apple Inc. (Case No. 5:19-cv-00036-RWS)

2021 ● Pillsbury Winthrop Shaw Pittman LLP

Intel v. SRC (IPR2020-1449)

2022 ● Perkins-Coie

Realtek v. Future Link (IPR2021-01182)

2023 ● Fish & Richardson

Neuroderm Ltd. v. Abbvie, Inc (Case No. PGR2022-00040)

2023 ● Fish & Richardson

Nearmap US Inc. v. Pictometry International Corp. (IPR2022-00735)

2023 ● Fish & Richardson

Samsung Electronics v. MemoryWeb LLC (Case No. 39843-0136PS1)

Limited Case History & Potential Conflicts

Alston & Bird

- Ericsson

  v. Collision Communications (IPR2022-01233)

- Nokia

  v. Neptune Subsea, Xtera (Case No. 1:17-cv-01876)

- Universal Electronics Inc

  v. Roku Inc (IPR2022-00818)

Arnold & Porter

- Ivantis

  v. Glaukos (Case No. 8:18-cv-00620)

- Samsung

  v. Jawbone (Case No. 2:21-cv-00186)

Benesch Friedlander Coplan & Aronoff

- Voyis

  v. Cathx (Case No. 5:21-cv-00077-RWS)

Erise I.P.

- Apple

  v. Ericsson Inc. (IPR2022-00715)

v. Future Link Systems (IPRs 6317804, 6622108, 6807505, and 7917680)

v. INVT (Case No. 20-1881)

v. Navblazer LLC (IPR2020-01253)

v. Qualcomm (IPR2018-001281, 39521-00421IP, IPR2018-01282, 39521-00421IP2)

v. Quest Nettech Corp (Case No. 2:19-cv-00118-JRG)

v. Telefonaktiebolaget LM Ericsson (IPR2022-00275)

- Fanduel

  v. CGT (Case No. 19-1393)

- Garmin

  v. Phillips North America LLC (Case No. 2:19-cv-6301-AB-KS)

- Netscout

  v. Longhorn HD LLC (Case No. 2:20-cv-00349)

  v. Implicit, LLC (Civil Action No. 2:18-cv-53-JRG)

- Sony Interactive Entertainment LLC

  v. Bot M8 LLC (IPR2020-01288)

  v. Infernal Technology LLC (Case No. 2:19-CV-00248-JRG)

- Unified Patents

  v. GE Video Compression (Civil Action No. 2:19-cv-248)

Fish & Richardson

- Apple

v. AliveCor (3:21-cv-03958)

v. LBS Innovations (Case No. 2:19-cv-00119-JRG-RSP)

v. Koss Corporation (IPR2021-00305)

v. Masimo (IPR 50095-0012IP1, 50095-0012IP2, 50095-0013IP1, 50095-0013IP2, 50095-0006IP1, 50095-0135IP1)

v. Neonode (Case No. 21-cv-08872-EMC)

v. Qualcomm (IPR2018-001281, 39521-00421IP, IPR2018-01282, 39521-00421IP2)

- Dell

  v. Neo Wireless (IPR2022-00616)

- Dish Network

  v. Realtime Adaptive Streaming (Case No. 1:17-CV-02097-RBJ)

  v. TQ Delta LLC (Case No. 18-1798)

- Evapco Dry Cooling

  v. SPG Dry Cooling (IPR2021-00688)

- Genetec

  v. Sensormatic Electronics (Case No. 1:20-CV-00760)

- Huawei

  v. Bell Northern Research LLC (IPR2019-01174)

- Kianxis

  v. Blue Yonder (Case No. 3:20-cv-03636)

- LG Electronics
  - v. Bell Northern Research LLC (Case No. 3:18-cv-2864-CAB-BLM)

- Metaswitch
  - v. Sonus Networks (IPR2018-01719)

- Microsoft
  - v. Throughputer Inc (IPR2022-00757)

- MLC Intellectual Property
  - v. MicronTech (Case No. 3:14-cv-03657-SI)

- Nearmap Inc
  - v. EagleView Technologies (IPR2022-01009)

- Neuroderm Ltd.
  - v. Abbvie, Inc (Case No. PGR2022-00040)

- Realtek Semiconductor
  - v. Future Link (IPR2021-01182)

- Quectel
  - v. Koninklijke Philips (Case No. 1:20-cv-01710)

- Samsung
  - v. Aire Technology (IPR2022-00877)
  - v. Bell Northern Research (Case No. 2:19-cv-00286-JRG)
  - v. Communication Technologies Inc (IPR2022-01221)

v. Jawbone Innovations (IPR2022-00865)

v. MemoryWeb LLC (IPR2022-00885)

v. Telefonaktiebolaget LM Ericsson (IPR2021-00615)

- Texas Instruments

  v. Vantage Micro LLC (IPR2020-01261)

- Xilinx

  v. Sentient Sensors LCC (Case No. 1:22-cv-00173)

Irell & Manella

- Curium

O'Melveny & Myers

- Apple

  v. Maxell (Case No. 5:19-cv-00036-RWS)

- Samsung

  v. Daedalus Prime LLC (1335 Investigation)

Perkins-Coie

- Heru Industries

  v. The UAB Research Foundation (IPR2022-01148)

- Intel Corporation

  v. BitMICRO (Case No. 5:23-cv-00625)

- Realtek Semiconductor

  v. Future Link (IPR2021-01182)

- Twitter Inc

  v. VOIP-Pal.com (Case No. 3:20-cv-02397-JD)

- TCL Industries

  v. Koninklijke Philips NV (IPR2021-00495, IPR2021-00496 and IPR2021-00497)

Pillsbury Winthrop Shaw Pittman

- Intel

  v. FG SRC LLC (Case No. 6:20-cv-00315)

- Gravel Rating Systems

  v. Costco (Case No. 4:21-cv-149)
  v. Lowe's Home Centers (Case No. 4:21-cv-150)
  v. T-Mobile USA (Case No. 4:21-cv-152)
  v. Kohl's Inc. (Case No. 4:21-cv-258)
  v. Under Armor (Case No. 4:21-cv-356)

APPENDIX MICROSOFT01

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300     ##$ax, 541 p. : $bill. ; $c24 cm. + $e1 computer laser optical disc (4 3/4 in.)
500     ##$aPrevious eds. published under title: Microsoft Press computer dictionary.
650     #0$aComputers $vDictionaries.
650     #0$aMicrocomputers $vDictionaries.
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906     ##$aULS
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BOOK

Microsoft computer dictionary.

c1999; 4th ed.
x, 541 p. : ill. ; 24 cm. + 1 computer laser optical disc (4 3/4 in.)

Available at ULS - Thomas Blvd Stacks (Request This Item) (QA76.15 .M538 1999)

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Details

Title	Microsoft computer dictionary.
Other title	Computer dictionary Microsoft Press computer dictionary.
Language	English
Edition	4th ed.
Publisher	Redmond, Wash. : Microsoft Press
Date	c1999
Type	Book
Description	x, 541 p. : ill. ; 24 cm. + 1 computer laser optical disc (4 3/4 in.)
Notes	Previous eds. published under title: Microsoft Press computer dictionary.
Subject	Computers -- Dictionaries › Microcomputers -- Dictionaries ›
Genre	Dictionaries. ›
Identifier	LC : 99020168 OCLC : (OCoLC)ocm40891006 ISBN : 0735606153
Source	Library Catalog

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suggested by



Introduction to algorithms
Cormen, Thomas H.
ISBN 9780262033848
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Code complete
McConnell, Steve.
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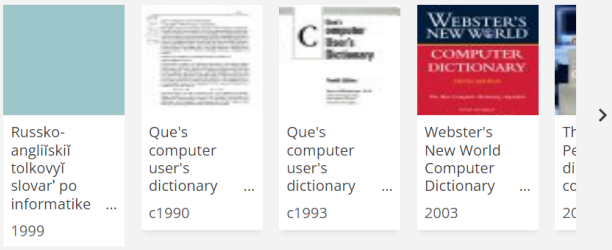
McGraw-Hill dictionary of
ISBN 9780070423138
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Dictionary of computer and
Downing, Douglas.
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SUMMARY

Over 8,000 entries defining computer terms, slang, and acronyms cover Y2K, hardware, software, the Internet, e-commerce, networks, cyberculture, Windows 98, and UNIX.

ABOUT THE AUTHOR

Microsoft Official Academic Course Staff

Tony Robinson has written many books on historical subjects, including TONY ROBINSON'S KINGS AND QUEENS, BAD KIDS: THE NAUGHTIEST CHILDREN IN HISTORY and THE WORST CHILDREN'S JOBS IN HISTORY. He has written several television series for children including Maid Marion and Her Merry Men for which he received a BAFTA and a Royal Television Award. He presents's Channel 4's archaeology series (read more)

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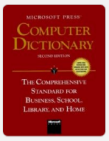




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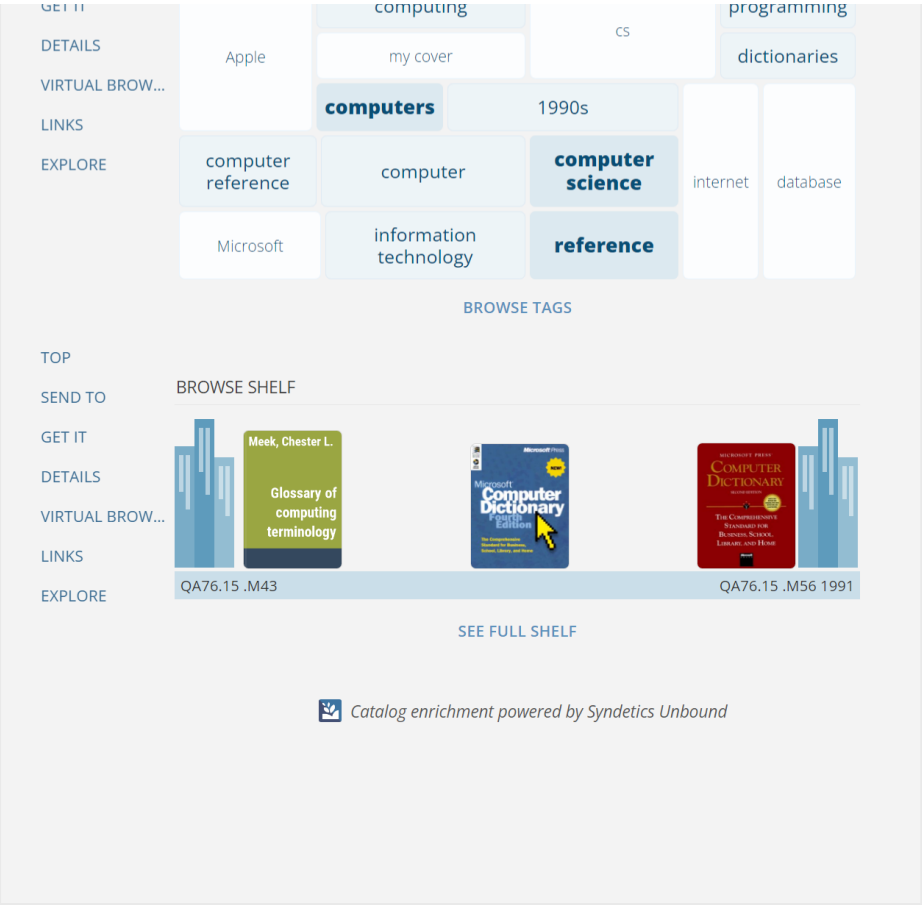
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DirecTV Exhibit 1015, Page 24 of 40



DirecTV Exhibit 1015, Page 25 of 40

APPENDIX NEWTON01

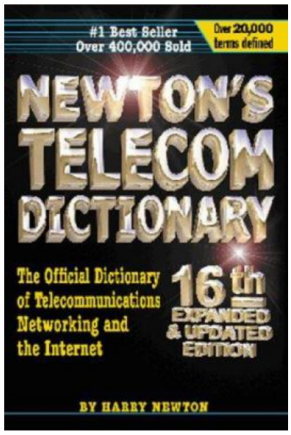
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040    EWL|cEWL
049    EYWP
090    TK5102|b.N498 2000
100 1  Newton, Harry.
240 10 Telecom dictionary
245 10 Newton's telecom dictionary :|bthe official dictionary of
       telecommunications networking and Internet.
246 30 Telecom dictionary
250    16th and a half updated, expanded and much improved ed.
260    New York :|bCMP Books,|cc2000.
300    xiii, 1014 p. :|bill. ;|c23 cm.
500    "July, 2000"--T.p. verso.
650  0 Telecommunication|vDictionaries.
650  0 Computer networks|vDictionaries.
915    MARS
915    MARS
935    1758984
949    |lwspk|cwspkstk|iwsbook|sip|xTK5102 .N498 2000|tlc
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Location	Call No.	Status	Notes
Undergraduate Library Storage	TK 5102 .N498 2000	CHECKED IN	

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https://elibrary.wayne.edu/search~S47?/.b2719664/.b2719664/1%2C1%2C1%2CB/marc~b2719664
26.12.2023



Email this item

Newton's telecom dictionary : the official dictionary of telecommunications networking and Internet.

Uniform Title	**Telecom dictionary**
Title	**Newton's telecom dictionary : the official dictionary of telecommunications networking and Internet.**
Author	**Newton, Harry.**
Publication Info.	New York : CMP Books, c2000.
Edition	16th and a half updated, expanded and much improved ed.

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Location	Call No.	Status	Notes
Undergraduate Library Storage	**TK 5102 .N498 2000**	CHECKED IN	

Description	xiii, 1014 p. : ill. ; 23 cm.
Note	"July, 2000"--T.p. verso.
Subject	**Telecommunication -- Dictionaries.** **Computer networks -- Dictionaries.**
Added Title	Telecom dictionary
ISBN	1578200539
OCLC #	45062024
Permalink	**https://elibrary.wayne.edu/record=b2719664~S47**

Features
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Print Map

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View Shelf for Similar Items

Newton's telecom dictionary : the official dictionary of telecommunications networking and Internet.

View Catalog Record

50 items



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APA FORMAT

Newton, H., & Newton, H. (2000). *Newton's telecom dictionary: The official dictionary of telecommunications networking and Internet*. New York: CMP Books.

MLA FORMAT

Newton, Harry, and Harry Newton. *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet*. New York: CMP Books, 2000. Print.

CHICAGO FORMAT

Newton, Harry, and Harry Newton. 2000. *Newton's telecom dictionary: the official dictionary of telecommunications networking and Internet*. New York: CMP Books.

HARVARD FORMAT

NEWTON, H., & NEWTON, H. (2000). *Newton's telecom dictionary: the official dictionary of telecommunications networking and Internet*. New York, CMP Books.

TURABIAN FORMAT

Newton, Harry, and Harry Newton. *Newton's Telecom Dictionary: The Official Dictionary of Telecommunications Networking and Internet*. New York: CMP Books, 2000.

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Reference Tools
Research Guides
Special Collections
Summon

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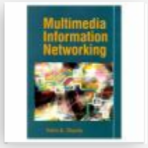
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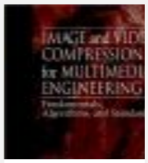


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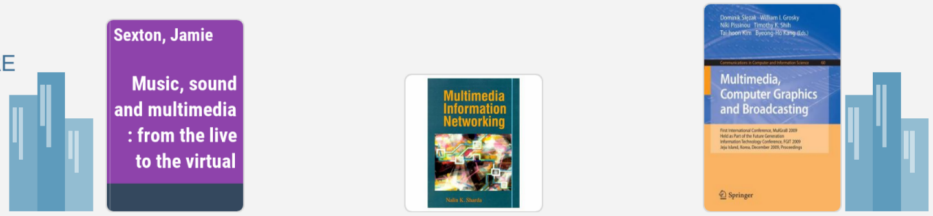
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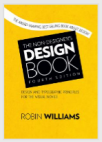
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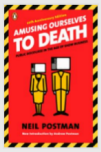
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