Multimedia-Datenbanken

Literatur

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Allgemein

Allgemein

Khos96a

Khoshafian, S., and Baker, A.S., *MultiMedia and Imaging Databases,* Morgan Kaufmann Publishers, Inc., San Francisco, California, 1996, ISBN 1-55860-312-3.

zu 1. Einführung

Baec87a

Baecker, R., and Buxton, W. (eds.), *Readings in Human-Computer Interaction – A Multidisciplinary Approach,* Morgan Kaufmann Publishers, Inc., Los Altos, CA, July 1987.

zu 2. Anforderungen

Banc89a

Bancilhon, F., "Query Languages for Object-Oriented Database Systems: Analysis and a Proposal," in *Datenbanksysteme für Büro, Technik und Wissenschaft,* Proc. GI/SI-Fachtagung (Zürich, März 1989), Hrsg. T. Härder, Springer-Verlag, Informatik-Fachberichte Bd. 204, Berlin u.a. 1989, S. 1–18.

Baue73a

Bauer, F.L., und Goos, G., *Informatik,* Eine einführende Übersicht, Erster Teil, Springer-Verlag, Berlin Heidelberg New York 1973 (zweite Aufl.).

Bran88a

Brand, S., *The Media Lab,* Inventing the Future at M.I.T., Penguin Books, New York, 1988.

Fren89a

Frenkel, K.A., "The Next Generation of Interactive Technology," *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 872–881.

Hofs80a

Hofstadter, D.S., *Gödel, Escher, Bach,* A Golden Eternal Braid, Vintage Books, New York 1980.

Rosz88a

Roszak, T., *Der Verlust des Denkens,* Knaur Taschenbuch 3915, München 1988.

amerik. Originalausgabe "The Cult of Information" 1986. Polemik gegen die Werbesprüche von der "Informationsgesellschaft" und die Überberwertung der Informationstechnik. Informelle Definition von Information.

Yank85a

Yankelovich, N., Meyrowitz, N.K., and van Dam, A., "Reading and Writing the Electronic Book," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 15–30.

Multimedia-Daten

zu 3. Eigenschaften von Multimedia-Daten: Text, Graphik und Rasterbild

Stei93a
> Steinmetz, R., *Multimedia-Technologie – Einführung und Grundlagen*, Springer-Verlag, Berlin u.a. 1993, ISBN 3-540-56724-0.

Meye88a
> Meyer-Wegener, K., Lum, V.Y., and Wu, C.T., "Managing Multimedia Data – an Exploration," report no. NPS52-88-010, Naval Postgraduate School, Monterey, CA, March 1988.

Lock88b
> Lockemann, P.C., "Multimedia Databases: Paradigm, Architecture, Survey and Issues," report no. NPS52-88-047, Naval Postgraduate School, Monterey, CA, Sept. 1988, 43 pp.

zu 3.1 Text

Groß96a
> Großjohann, K., Meyer, J., Razum, M., Schwantner, M., und Weber, R., "Bewertung von Volltextretrievalsystemen (1. Phase)", MeDoc-Bericht, Universität Dortmund, OFFIS Oldenburg, FIZ Karlsruhe, TU München, April 1996, 37 S.

Information Retrieval

Shar64a
> Sharp, H.S. (ed.), *Readings in Information Retrieval*, The Scarecrow Press, New York & London 1964.

Lanc73a
> Lancaster, F.W., and Fayen, E.G., *Information Retrieval On-Line*, Melville Publ. Comp., Los Angeles, CA, 1973.

Salt83a
> Salton, G., and McGill, M.J., *Introduction to Modern Information Retrieval*, McGraw-Hill, New York 1983.

Hypertext

Bush45a
> Bush, V., "As We May Think," *Atlantic Monthly*, 176, 1 (July 1945), pp. 101–108.

Conk87a
> Conklin, J., "Hypertext: An Introduction and Survey," *IEEE Computer*, vol. 20, no. 9, Sept. 1987, pp. 17–41.

Rasterbild

zu 3.3 Rasterbild (Image)

Ram84a
Ram, G., "On the Encoding and Representing of Images," *Computer Vision, Graphics, and Image Processing*, vol. 26, no. 2, May 1984, pp. 224–232.

Ball82a
Ballard, D.H., and Brown, C.M., *Computer Vision*, Prentice-Hall, Englewood Cliffs, 1982.

Nibl86a
Niblack, W., *An Introduction to Digital Image Processing*, Prentice/Hall International, Englewood Cliffs, NJ, 1986.

Habe89a
Haberäcker, P., *Digitale Bildverarbeitung – Grundlagen und Anwendungen*, Carl Hanser Verlag, München, 3. Aufl., 1989.

Barn88a
Barnsley, M.F., and Sloan, A.D., "A Better Way to Compress Images," *Byte*, vol. 13, no. 1, Jan. 1988, pp. 215–233.

Daws87a
Dawson, B.M., "Introduction to Image Processing Algorithms," *Byte*, vol. 12, no. 3, March 1987, pp. 169–186.

Dani81a
Danielsson, P., and Levialdi, S., "Computer Architectures for Pictorial Information Sy-stems," *IEEE Computer*, vol. 14, no. 11, Nov. 1981, pp. 53–67.

Guib83a
Guibas, L.J., and Stolfi, J., "A Language for Bitmap Manipulation," *ACM Trans. on Graphics*, vol. 1, no. 3, July 1983, pp. 191–214.

Marr82a
Marr, D., *Vision*, W.H. Freeman and Co., New York, 1982.

Mars83a
Marshall, G.B., "Color Video Digitizer Acquires Images From RGB Cameras," *Electronic Imaging*, Aug. 1983, pp. 39-43.

Nagy83a
Nagy, G., "Optical Scanning Digitizers," *IEEE Computer*, vol. 16, no. 5, May 1983, pp. 13–24.

Prat78a
Pratt, W.K., *Digital Image Processing*, John Wiley and Sons, New York, 1978.

Zobr81a
Zobrist, A.L., and Nagy, G., "Pictorial Information Processing of Landsat Data for Geo-graphic Analysis," *IEEE Computer*, vol. 14, no. 11, Nov. 1981, pp. 34–41.

Huan77a
Huang, T.S., "Coding of Two-Tone Images," *IEEE Trans. on Communications*, vol. COM-25, no. 11.

Chmu85a

Chmurny, J., and Levicky, D., "Algorithms for Binary Image Encoding," *Comput. Artif. Intell.,* vol. 4, no. 1, 1985, pp. 45–57.

Scot85a

Scott, D.S., and Iyenga, S.S., "A New Data Structure for Efficient Storing of Images," *Pattern Recognition Letters,* vol. 3, no. 3, May 1985, pp. 211–214.

Ashb86a

Ashby, J., "Image Processing and Records Management," *Computers and People,* vol. 35, nos. 9–10, Oct. 1986, pp. 17–21.

Park86a

Park, J., "An Efficient Memory System for Image Processing," *IEEE Trans. on Computers,* vol. C-35, no. 7, July 1986, pp. 669–674.

Este86a

Esteverena, R., "Image Capture and Management: Today's Perspective," in *Proc. Conf. on Electronic Printing Systems: Directions in Digital Imaging* (Palm Springs, CA, Feb. 1986), vol. I: Technology, ed. T. Shipman, Dunn Technology, Inc., Vista, CA, 1986, pp. 69–79.

Fu82a

Fu, K.S., and Kunii, K.L. (eds.), *Picture Engineering,* Springer-Verlag, Berlin 1982.

Tani80a

Tanimoto, S.L., "Hierarchical Picture Indexing and Description," in *Proc. IEEE Workshop on Picture Data Description and Management* (Asilomar, CA, Aug. 1980), IEEE Computer Society, catalog no. 80CH1530-5, pp. 103–105.

Chie80a

Chien, Y.T., "Hierarchical Data Structures for Picture Storage, Retrieval and Clas-si-fication," in *Pictorial Information Systems,* eds. S.K. Chang and K.S. Fu, Springer-Verlag, Lecture Notes in Computer Science, vol. 80, Berlin 1980, pp. 39–74.

Pete86a

Peterson, J.W., Bogart, R.G., and Thomas, S.W., "The Utah Raster Toolkit," University of Utah, Department of Computer Science, Salt Lake City, Utah, pres-ented at the 3rd Usenix Workshop on Graphics (Monterey, CA, Nov. 1986).

Wall91a

Wallace, G.K., "The JPEG Still Picture Compression Standard," Digital Equipment Corporation, Multimedia Engineering, Maynard, Massachusetts, Dec. 1991, 17 pp., revised version of article in *Communications of the ACM,* April 1991.

Audio

Ades86a

Ades, S., and Swinehart, D.C., "Voice Annotation and Editing in a Workstation Environment," XEROX Palo Alto Research Center, CSL-86-3, Sept. 1986, also in *Proc. AVOIS '86 Voice Input/Output Systems Applications Conf.* (Alexandria, VA, Sept. 1986), American Voice Input/Output Society, Palo Alto, CA, pp. 13–28.

Atal82a

Atal, B., "Predictive Coding of Speech at Low Bit Rates," *IEEE Trans. on Communications,* vol. COM-30, no. 4, April 1982, pp. 600–?.

Croc82a

Crochiere, R.E., Cox, R.V., and Johnston, J.D., "Real-Time Speech Coding," *IEEE Trans. on Communications,* vol. COM-30, no. 4, April 1982, pp. 621–?.

Flan82a

Flanagan, J.L., Johnston, J.D., and Upton, J.W., "Digital Voice Storage in a Microprocessor," *IEEE Trans. on Communications,* vol. COM-30, no. 2, Febr. 1982, pp. 336–?.

Foss79a

Fossum, R.R., and Cerf, V.G., "Communication Challenges for the 80s," *Signal,* Oct. 1979, pp. 17–24.

Geor78a

Georgiou, B., "Give an Ear to Your Computer – A Speech Recognition Primer for Computer Experimenters," *Byte,* June 1978, pp. 56–91.

Goul84a

Gould, J.D., and Boies, S.J., "Speech Filing – An Office System for Principals," *IBM Systems Journal,* vol. 23, no. 1, 1984, pp. 65–81.

Abgedruckt in [Baec87a].

Jaya84a

Jayant, N.S., and Noll, P., *Digital Coding of Waveforms,* Prentice-Hall, 1984.

Kapl85a

Kaplan, G., and Lerner, E.J., "Realism in Synthetic Speech," *IEEE Spectrum,* vol. 22, no. 4, 1985, pp. 32–37, reprinted in: Baecker, R.M., and Buxton, W.A.S., *Readings in Human-Computer Interaction – A Multidisciplinary Approach,* Morgan Kaufmann Publishers, Inc., Los Altos, CA, 1987, pp. 414–419.

Audio (2)

Lee83a

Lee, D.L., and Lochovsky, F.H., "Voice Response Systems," *ACM Computing Surveys,* vol. 15, no. 4, Dec. 1983, pp. 351–374.

Speicherung und Ausgabe von gesprochener Sprache; ein Kapitel über Komprimierung (Waveform, Parameter Encoding).

Nich83a

Nicholson, R.T., "Integrating Voice in the Office World," *Byte,* vol. 8, no. 12, Dec. 1983.

Schm88a

Schmandt, C., "Employing Voice Back Channels to Facilitate Audio Document Retrieval," in *Proc. Conf. on Office Automation Systems* (Palo Alto, March 1988), ACM Press, order no. 611880, New York 1988, pp. 213–218.

Sieb86a

Siebert, H.-P., "Gute Tonqualität schon mit vier Bit," *Funkschau,* 18/1986, S. 91–94.

Simp85a

Simpson, C.A., McCauley, M.E., Roland, E.F., Ruth, J.C., and Williges, B.H., "System Design for Speech Recognition and Generation," *Human Factors,* vol. 27, no. 2, 1985, pp. 115–141, reprinted in: Baecker, R.M., and Buxton, W.A.S., *Readings in Human-Computer Interaction – A Multidisciplinary Approach,* Morgan Kaufmann Publishers, Inc., Los Altos, CA, 1987, pp. 400–413.

Stei93a

Steinmetz, R., *Multimedia-Technologie* – Einführung und Grundlagen, Kapitel 3 Audiotechnik, S. 31–53, Springer-Verlag, Berlin 1993, ISBN 3-540-56724-0.

Swin83a

Swinehart, D.C., Stewart, L.C., and Ornstein, S.M., "Adding Voice to an Office Computer Network," XEROX Palo Alto Research Center, CSL-83-8, Febr. 1984, also in *Proc. IEEE GlobeCom '83 Conf.* (Nov. 1983).

Terr88a

Terry, D.B., and Swinehart, D.C., "Managing Stored Voice in the Etherphone System," *ACM Trans. on Computer Systems,* vol. 6, no. ?, 1988, pp. 3–27.

Zehe78a

Zeheb, D., "The Speech Filing Migration System," in *Proc. 4th ICCC* (Int. Conf. on Computer Communication?).

Zell88a

Zellweger, P., Terry, D., and Swinehart, D., "An Overview of the Etherphone System and Its Applications," in *Proc. 2nd IEEE Conf. on Computer Workstations* (Santa Clara, CA), 1988.

Video

Stei93a

Steinmetz, R., *Multimedia-Technologie* – Einführung und Grundlagen, Kapitel 4 Videotechnik, S. 55–76, Springer-Verlag, Berlin 1993, ISBN 3-540-56724-0.

Krug89a

Krug, H., "Systemvielfalt in der Videotechnik," *Professional Production,* Januar 1989, S. 13–17.

Fox89a

Fox, E.A., "The Coming Revolution in Interactive Digital Video," Editorial of Special Section on Interactive Technology, *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 794–801.

Mack89a

Mackay, W.E., and Davenport, G., "Virtual Video Editing in Interactive Multimedia Applications," *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 802–810.

Ripl89a

Ripley, G.D., "DVI – A Digital Multimedia Technology," *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 811–822.

Dixo89a

Dixon, D.F., "Life Before the Chips: Simulating Digital Video Interactive Technology," *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 824–831.

Stev89a

Stevens, S.M., "Intelligent Interactive Video Simulation of a Code Inspection," *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 832–843.

Tink89a

Tinker, M., "DVI Parallel Image Compression," *Communications of the ACM,* vol. 32, no. 7, July 1989, pp. 844–851.

Lipp89a

Lippman, A., and Butera, W., "Coding Image Sequences for Interactive Retrieval," *Com-munications of the ACM,* vol. 32, no. 7, July 1989, pp. 852–860.

Multimedia-Dokumente

Formulare

Schm89a

    Schmidt, S., "Büro-Informationssysteme – Ein Überblick," *Informatik-Spektrum,* Bd. 12, H. 1, Febr. 1989, S. 19–30.

    umfangreiche Literaturliste.

Thom85a

    Thoma, G.R., et al. "A Prototype System for the Electronic Storage and Retrieval of Document Images," *ACM Trans. on Office Information Systems,* vol. 3, no. 3, July 1985, pp. 270–291.

Zell88b

    Zellweger, P.T., "Active Paths Through Multimedia Documents," in *Document Manipulation and Typography,* ed. J.C. van Vliet, Proc. Int. Conf. on Electronic Publishing, Document Manipulation and Typography (Nice, France, April 1988), Cambridge University Press, 1988, pp. 19–34.

Bapa89a

    Bapa Rao, K.V., Gafni, A., and Raeder, G., "Dynamo: A Model for a Distributed Multimedia Information Processing Environment," in *Proc. 12th Hawaii Int. Conf. on System Sciences* (Jan. 1989), pp. 800–809.

SGML

Szil95a

    Szillat, H., *SGML – Eine Praktische Einführung,* Intern. Thomson Publ. Gmbh, Bonn 1995, ISBN 3-929821-75-3.

Hypertext, Hypermedia

Hofm89

    Hofmann, M., Cordes, R., und Langendörfer, H., "Hypertext/Hypermedia," *Informatik-Spektrum,* Das aktuelle Schlagwort, Bd. 12, H. 4, August 1989, S. 218–220.

Gain88a

    Gaines, B.R., and Vickers, J.N., "Hypermedia Design," in *Proc. RIAO 88* (Cambridge, MA, March 1988), vol. 1, pp. 14-23.

Foss88a

    Foss, C.L., "Effective Browsing in Hypertext Systems," in *Proc. RIAO 88* (Cambridge, MA, March 1988), vol. 1, pp. 82–98.

Lang89a

    Langendörfer, H., und Hofmann, M. (Hrsg.), *Das Hypertextsystem CONCORDE,* Aktivitäten der Forschungsgruppe Bürokommunikation im Bereich Hypertext 1988–1989, Technische Universität Braunschweig, Informatik-Bericht 89-06, Dezember 1989.

Multimedia-Dokumente (2)

Intermedia

Yank85a

> Yankelovich, N., Meyrowitz, N.K., and van Dam, A., "Reading and Writing the Electronic Book," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 15–30.

Meyr86a

> Meyrowitz, N., "Intermedia: The architecture and construction of an object-oriented hypermedia system and applications framework," *ACM SIGPLAN Notices,* vol. 21, no. 11, Nov. 1986, pp. 186–201.

Yank88a

> Yankelovich, N., Haan, B.J., Meyrowitz, N.K., and Drucker, S.M., "Intermedia: The Concept and the Construction of a Seamless Information Environment," *IEEE Computer,* vol. 21, no. 1, Jan. 1988, pp. 81–96.

Cara89a

> Carando, P., "SHADOW – Fusing Hypertext with AI," *IEEE Expert,* vol. 4, no. 4, Winter 1989, pp. 65–78.

NoteCards

Hala88a

> Halasz, F.G., "Reflections on NoteCards: Seven Issues for the Next Generation of Hypermedia Systems," *Communications of the ACM,* vol. 31, no. 7, July 1988, pp. 836–852.

ZOG und KMS

Aksc88a

> Akscyn, R.M., and McCracken, D.L., "KMS: A Distributed Hypermedia System for Managing Knowledge in Organizations," *Communications of the ACM,* vol. 31, no. 7, July 1988, pp. 820–835.

Das Dexter-Referenzmodell

Hala94a

> Halasz, F., and Schwartz, M., "The Dexter Hypertext Reference Model," *Communications of the ACM,* vol. 37, no. 2, Febr. 1994, pp. 30–39.
>
> überarbeitete Fassung von [Hala90a],
> es fehlt vor allem die formale Spezifikation in Z

Hala90a

> Halasz, F., and Schwartz, M., "The Dexter Hypertext Reference Model," in Proc. Hypertext Workshop (National Institute of Standards and Technology, Gaithersburg, MD, Jan. 16–18, 1990), NIST Special Publication 500-178, March 1990, pp. 95–133.

Multimedia-Dokumente (3)

ODA, ODIF, standards for document interchange.

Krön88a

> Krönert, G., "Genormte Austauschformate für Dokumente," *Informatik-Spektrum,* Bd. 11, H. 2, April 1988, S. 71–84.

Appe89a

> Appelt, W., "Normen im Bereich der Dokumentverarbeitung," *Informatik-Spektrum,* Bd. 12, H. 6, Dez. 1989, S. 321–330.

Hora85a

> Horak, W., "Office Document Architecture and Office Document Interchange Formats: Current Status of International Standardization," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 50–60.

Multimedia-Basissysteme

Medien-Server

Gemm95a

    Gemmel, D.J., Vin, H.M., Kandlur, D.D., Rangan, P.V., and Rowe, L.A., "Multimedia Storage Servers: A Tutorial," *IEEE Computer,* vol. 28, no. 5, May 1995, pp. 40–49.

Multimedia-Kommunikation

Ahuj88a

    Ahuja, S.R., Ensor, J.R., and Horn, D.N., "The Rapport Multimedia Conferencing System," in *Proc. Conf. on Office Information Systems* (Palo Alto, CA, March 1988), ed. R.B. Allen, ACM Press, order no. 611880, New York 1988, pp. 1–8.

Enge75a

    Engelbart, D.C., "NLS Teleconferencing Features: The Journal, and Shared-Screen Telephoning," in *Proc. CompCon Fall* (Sept. 1975).

Post82a

    Postel, J., "Internet Multimedia Mail Transport Protocol," Tech. Report RFC 759, DARPA Network Working Group, March 1982.

Fors85a

    Forsdick, H.C., "Explorations into Real-time Multimedia Conferencing," in *Proc. 2nd Int. Symp. on Computer Message Systems* (Sept. 1985).

    "developed using parts of the Diamond implementation" [Thom85b].

Bono85a

    Bono, P.R., "A Survey of Graphics Standards and Their Role in Information Interchange," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 63–75.

Multimedia-Basissysteme (2)

Reyn85a

  Reynolds, J.K., et al. "The DARPA Experimental Multimedia Mail System," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 82–89.

Pick86a

  Pickens, R., "Integrating Voice, Data, and Images," in *Computer Communications,* Vol. II: Systems and Applications, ed. W. Chou, Prentice-Hall, Inc., Englewood Cliffs, NJ, 1986, pp. 268–256.

Post88a

  Postel, J.B., Finn, G.G., Katz, A.R., and Reynolds, J.K., "An Experimental Multimedia Mail System," *ACM Trans. on Office Information System,* vol. 6, no. 1, Jan. 1988, pp. 63–81.

Saka85a

  Sakata, S., and Ueda, T., "A Distributed Interoffice Mail System," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 106–116.

Hehm89a

  Hehmann, D.B., Salmony, M.G., and Stüttgen, H.J., "High Speed Transport System for Multi Media Applications," Technical Report No. 43.8903, European Network Center, IBM Deutschland GmbH, Heidelberg, April 3rd, 1989, 20 pp.

Salm89a

  Salmony, M.G., and Sheperd, D., "Extending OSI to Support Synchronisation Required by Multimedia Applications," Technical Report No. 43.8904, European Network Center, IBM Deutschland GmbH, Heidelberg, 1989, 20 pp.

Stei89a

  Steinmetz, R., "Synchronization Properties in Multimedia Systems," Technical Report No. 43.8906, European Network Center, IBM Deutschland GmbH, Heidelberg, May 24th, 1989, 28 pp.

Eglo88a

  Egloff, P., "Multi-Media-Dokumente im Breitband-ISDN," Forschungszentrum für Offene Kommunikationssysteme (FOKUS), GMD, Berlin 1988, in ?, S. 155–164.

GMD89a

  GMD-FOKUS, *Multi-Media-Dokumente im ISDN-B,* Anforderungsanalyse, Version 3.0, GMD, Berlin, 31. Januar 1989, 116 S.

Sari85a

  Sarin, S., and Greif, I., "Computer-Based Real-Time Conferencing Systems," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 33–45.

Multimedia-DBS

Aufgabenstellung

Chri85b

    Christodoulakis, S., "Multimedia Data Base Management: Applications and Problems – A Position Paper," in *Proc. ACM-SIGMOD 1985 Int. Conf. on Management of Data* (Austin, Texas, May 1985), ed. S. Navathe, *ACM SIGMOD Record,* vol. 14, no. 4, Dec. 1985, pp. 304–305.

    2 pages only, panel.

Tojo85a

    Tojo, A., and Sato, T., "Interoperable Database Systems: A New National R&D Project and its Impact on Multimedia Information Processing Technology," in *Proc. IEEE CS Workshop on Computer Architecture for Pattern Analysis and Image Database Management,* 1985, pp. 336–339.

deMa85a

    de Matos Barbosa, M.J., "A Methodology to Integrate in a Data Base: Data-Items, Text, Graphics, and Images," in *Proc. Medical Informatics: Europa 85* (Helsinki, Finland, Aug. 1985), eds. F.H. Roger, R. Tervo-Pellikka, P. Groenroos, and R. O'Moore, Springer-Verlag, Lecture Notes in Medical Informatics, New York 1985, pp. 251–256.

Pogg85a

    Poggio, A., et al., "CCWS: A Computer-Based, Multimedia Information System," *IEEE Computer,* vol. 18, no. 10, Oct. 1985, pp. 92–103.

Masu87a

    Masunaga, Y., "Multimedia Databases: A Formal Framework," in *Proc. IEEE CS Office Automation Symposium* (Gaithersburg, MD, April 1987), IEEE CS Press, Washington, pp. 36–45.

Lum87a

    Lum, V.Y., Wu, C.T., and Hsiao, D.K., "Integrating Advanced Techniques into Multimedia DBMS," report no. NPS52-87-050, Naval Postgraduate School, Monterey, CA, Nov. 1987, to appear in *Proc. IFIP TC2-TC8 Working Conf.: Role of A.I. in Database and Information Systems* (Canton, China, July, 1988).

Shet88a

    Sheth, A., "Managing and Integrating Structured and Unstructured Data: Problems of Representation, Features, and Abstraction (A Position Paper)," in *Proc. 4th Int. Conf. on Data Engineering* (Los Angeles, Febr. 1988), IEEE CS Press, order no. 827, Washington 1988, pp. 598–599.

Multimedia-DBS (2)

Lars88a

Larson, J.A., "Browsing Unstructured Data," in *Proc. 4th Int. Conf. on Data Engineering* (Los Angeles, Febr. 1988), IEEE CS Press, order no. 827, Washington 1988, p. 600.

Phil88a

Phillips, B., "Multimedia Systems and Text," in *Proc. 4th Int. Conf. on Data Engineering* (Los Angeles, Febr. 1988), IEEE CS Press, order no. 827, Washington 1988, p. 601.

Yost88a

Yost, R.A., "Can image data be integrated with structured date?," in *Proc. 4th Int. Conf. on Data Engineering* (Los Angeles, Febr. 1988), IEEE CS Press, order no. 827, Washington 1988, p. 602.

Oren88b

Orenstein, J.A., "Can We Meaningfully Integrate Drawings, Text, Images, and Voice with Structured Data?," in *Proc. 4th Int. Conf. on Data Engineering* (Los Angeles, Febr. 1988), IEEE CS Press, order no. 827, Washington 1988, p. 603.

Leun88a

Leung, W.H., Luderer, G., Morgan, M., Roberts, P., and Fu, S., "A Set of Operating System Mechanisms to Support Multimedia Applications," in *Int. Seminar on Digital Communications* (to appear), 1988.

Fium88a

Fiume, E., and Tsichritzis, D., "Dynamic Multimedia Objects," in *Active Object Environments,* ed. D. Tsichritzis, Université de Geneve, Centre Universitaire d'Informatique, June 1988, pp. 135–143.

Lock88b

Lockemann, P.C., "Multimedia Databases: Paradigm, Architecture, Survey and Issues," report no. NPS52-88-047, Naval Postgraduate School, Monterey, CA, Sept. 1988, 43 pp.

Überlegungen zum Datenmodell

Card85a

> Cardelli, L., and Wegner, P., "On Understanding Types, Data Abstraction, and Polymorphism," *ACM Computing Surveys,* vol. 17, no. 4, Dec. 1985, pp. 471–522.

Einbettung in ein relationales DBS

Meye88b

> Meyer-Wegener, K., Lum, V.Y., and Wu, C.T., "Image Database Management in a Multimedia System," report no. NPS52-88-024, Naval Postgraduate School, Monterey, CA, August 1988.

Lum88a

> Lum, V.Y., and Meyer-Wegener, K., "A Conceptual Design for a Multimedia DBMS for Advanced Applications," report no. NPS52-88-025, Naval Postgraduate School, Monterey, CA, August 1988.

ORION, MCC Austin

Woel85a

> Woelk, D., and Luther, W., "Multimedia Database Requirements – Rev.0," Technical Report No. DB-042-85, MCC, Austin, Texas, 1985.

Woel86a

> Woelk, D., Kim, W., and Luther, W., "An Object-Oriented Approach to Multimedia Databases," in *Proc. ACM SIGMOD '86 Int. Conf. on Management of Data* (Washington, D.C., May 1986), ed. C. Zaniolo, *ACM SIGMOD Record,* vol. 15, no. 2, pp. 311–325.
>
> MUSE, ULTRASCOPE.

Woel87a

> Woelk, D., Luther, W., and Kim, W., "Multimedia Applications and Database Requirements," in *Proc. IEEE CS Office Automation Symposium* (Gaithersburg, MD, Apr. 1987), pp. 180–189.
>
> sum of [Woel85a] and [Woel86a].

Multimedia-DBS (4)

Bane87a
> Banerjee, J., Chou, H.-T., Garza, J.F., Kim, W., Woelk, D., Ballou, N., and Kim, H.-J., "Data Model Issues for Object-Oriented Applications," *ACM Trans. on Office Information Systems,* vol. 5, no. 1, Jan. 1987, pp. 3–26.

Woel87b
> Woelk, D., and Kim, W., "Multimedia Information Management in an Object-Oriented Database System," in *Proc. 13th Int. Conf. on VLDB* (Brighton, England, Sept. 1987), eds. P.M. Stocker and W. Kent, Morgan Kaufmann Publishers, Los Altos, CA, 1987, pp. 319–329.

Luth87a
> Luther, W., Woelk, D., and Carter, M., "MUSE: Multimedia User Sensory Environment," to appear in *IEEE Knowledge Engineering Newsletter,* February 1987.

Bane88a
> Banerjee, J., Kim, W., and Kim, K.-C., "Queries in Object-Oriented Databases," in *Proc. 4th Int. Conf. on Data Engineering* (Los Angeles, Febr. 1988), IEEE CS Press, order no. 827, pp. 31–38.

SQL/MM

ISO99a
> ISO/IEC FDIS 13249-2:1999 SQL/MM SAF-003-SP1. *Information Technology – Database Languages SQL – Multimedia and Application Packages – Part 2: Full Text*, August 1999. P. Cotton, editor.

ISO00a
> ISO/IEC FDIS 13249-5:1999 SQL/MM. *Information Technology – Database Languages SQL – Multimedia and Application Packages – Part 5: Still Image*, September 2000. M. Ashworth, editor.

Stol01a
> Stolze, Knut: SQL/MM Part 5: Still Image – The Standard and Implementation Aspects. In: *Datenbanken in Büro, Technik und Wissenschaft, Proc. GI-Fachtagung* (BTW 2001, Oldenburg, 7.–9. März 2001). Berlin : Springer, 2001 (Informatik aktuell).

Suche

Verfahren für die inhaltsorientierte Suche

Econ83a

Economopoulos, P., and Lochovsky, F.H., "A System for Managing Image Data," in *Information Processing 83,* Proc. IFIP 9th World Computer Congress (Paris, France, Sept. 1983), ed. R.E.A. Mason, Elsevier Science Publ. Co., Inc., New York 1983, pp. 89–94.

Wins80a

Winston, P.H., "Learning and Reasoning by Analogy," *Communications of the ACM,* vol. 23, no. ?, 1983.

Gros87a

Grosz, B.J., Appelt, D.E., Martin, P.A., and Peireira, F.C.N., "TEAM: An Experiment in the Design of Transportable Natural-Language Interfaces," *Artificial Intelligence,* vol. 32, no. 2, May 1987, pp. 173–243.

Katz88a

Katz, B., "Using English for Indexing and Retrieval," in *Proc. RIAO 88* (Cambridge, MA, March 1988), pp. 314–332.

START, MIT, knowledge from English.

Pazi88a

Pazienza, M.T., and Velardi, P., "Using a Semantic Knowledge Base to Support a Natural Language Interface to a Text Database," in *Proc. 7th Int. Conf. on Entity Relationship Approach* (1988), ed. C. Batini.

Yoko89a

Yokota, H., Kitakami, H., and Hattori, A., "Term Indexing for Retrieval by Unification," in *Proc. IEEE ??,* (Data Engineering?), CH2695-5/89/0000/0313$01.00 c 1989 IEEE, pp. 313–320.