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Luke Yudell: [more detail](#)

43. [Mathematical Functions and Their Approximations](#) by Yudell L. Luke, 1976-06
44. [Algorithms for the Computation of Mathematical Functions](#) by Yudell L. Luke, 1977
45. [Integrals of Bessel functions](#) by Yudell L. Luke, 1962
46. [The Special Functions and Their Approximations, Two Volumes](#) by Yudell L. Luke, 1969
47. [The Special Functions and Their Approximations Vol 2](#) by Yudell Luke, 1969
48. [The special functions and their approximations \(Mathematics in science and engineering\)](#) by Yudell L. Luke, 1969
49. [Cumulative Index to Mathematics of Computation](#) by Yudell L. Luke, Jet Wimp, et al 1972
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51. [Special Functions & Their Approxima 2 Volumes](#) by Yudell L. Luke, 1969
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53. [Cumulative Index to Mathematics of Computation Vols. 1-231943-1969](#) by Yudell L.; Wimp, Jet; Fair, Wyman Luke, 1972
54. [On generating Bessel functions by use of the backward recurrence formula](#) by Yudell L. Luke, 1972
55. [Cumulative Index to Mathematics of Computation 1943-1969](#) by Yudell L. Luke, 1972-12
- 56.

61. [Research Experience For Undergraduates](#)

On Generalized Gaussian Quadrature yudell L. luke, Bing Yuan Ting, MarilynJ. Kemp Mathematics of Computation, Vol. 29, No. 132. (Oct., 1975), pp.

<http://math.fullerton.edu/mathews/n2003/gaussianquad/GaussianQuadBib/Links/Gauss>

Bibliography for Gauss-Legendre Quadrature short

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- Ehrich, S.
Journal of Computational and Applied Mathematics, 2001, vol. 127, no. ER1-2, pp. 153-171, Ingenta. Optimal sensor placement via Gaussian quadrature
- Miller, Robert E.
Appl. Math. Comput. 97 (1998), no. 1, 7197, Math. Sci. Net. [Generalized Gaussian Quadrature Rules for Systems of Arbitrary Functions](#)
- J. Ma, V. Rokhlin, S. Wandzura
SIAM Journal on Numerical Analysis, Vol. 33, No. 3. (Jun., 1996), pp. 971-996, Jstor. [Anti-Gaussian Quadrature Formulas](#)
- Dirk P. Laurie
Mathematics of Computation, Vol. 65, No. 214. (Apr., 1996), pp. 739-747, Jstor. Comment on: A Gaussian quadrature for the optimal evaluation of integrals involving Lorentzians over a semi-infinite interval. Homeier, H.H.H.; Steinborn, E.O.

62. [Microchip Names \(Y\)](#)

Y YUAN LINSHENG YUAN LISA YUAN LIU YUAN LONG YUAN LUKE YUAN MAKU YUCHIN NIELSENS YUCHOGNTIAN STELLA YUCIUS THOMAS YUCIUS AKEMI YUDA yudell MORRIS YUDOFISKY

<http://stardust.jpl.nasa.gov/overview/microchip/names2y4.html>

Microchip Names (Y)

Note: As a public outreach effort, over 1 million names were collected and placed on the STARDUST spacecraft, which will visit Comet Wild 2 in 2004. See [here](#) for more details. [Return To Microchip Home Page](#) [Home Overview Science ... Credits](#)

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63. [CSULB-COAST /All Locations](#)

Title, Mathematical functions and their approximations / yudell L. luke. Imprint, New York Academic Press, 1975. Alt author, luke, yudell L.

<http://www.coast.csulb.edu:90/kids/10,152/search/tMatisse>. English/tmatisse engl

Keyword Author Title Subject Journal, Periodical, Newspaper (Serial) Collection Reference Collection Media Collection Government Documents Children's Collection View Entire Collection *Title* Mathematical functions and their approximations / Yudell L. Luke. *Imprint* New York : Academic Press, 1975. LOCATION CALL # STATUS 4 West CHECK SHELF *Descript Note* An updated version of part of Handbook of mathematical functions with formulas, graphs, and mathematical tables, edited by M. Abramowitz and I. A. Stegun. Includes indexes. *Bibliog.* Bibliography: p. 517-544. *Subject* [Mathematics Tables](#). *Alt author* [Luke, Yudell L.](#) [Abramowitz, Milton, 1915-1958.](#) [Handbook of mathematical functions with formulas, graphs, and mathematical tables.](#) ISBN

64. [VITA WALTER GAUTSCHI](#)

24, 1983. (with Jet Wimp) In memoriam yudell L. luke June 26, 1918 May 6, 1983, Math. Comp. 43 (1984), 349-352. Reminiscences of

<http://www.cs.purdue.edu/homes/wxg/Vita/Vita.html>

VITA WALTER GAUTSCHI

August 28, 2002 **EDUCATION**

Ph.D. University of Basel, Switzerland (Thesis advisor: A. M. Ostrowski)

PROFESSIONAL EXPERIENCE

Research Fellow Istituto Nazionale per le Applicazioni del Calcolo, Rome Research Fellow Harvard Computation Lab. Research Mathematician Natl. Bureau of Standards Professor. Lecturer American U., Washington, D.C. Mathematician Oak Ridge National Lab. Professor of Math. Purdue University Professor Emeritus Purdue University Visiting Professor Technical Univ. of Munich, Germany Visiting Professor Mathematics Res. Center, Univ. of WI Visiting Professor ETH Zurich Visiting Professor University of Padova Visiting Professor University of Basel

PROFESSIONAL SOCIETIES AND HONORS Schweizerische Mathematische Gesellschaft American Mathematical Society Mathematical Association of America Society for Industrial and Applied Mathematics Corresponding Member, Bavarian Academy of Sciences, Munich, 2001- Foreign Member, Academy of Sciences, Turin, 2001- Member, Council of the American Mathematical Society, 1975-80, 1984-95 Fulbright Research Scholar, Munich, 1970-71

65. [A Creek Runs Through It](#)

a chair by multiple sclerosis, to work the countermaking luke Byrne the prestigious Los Angeles architectural firm of Moore, Ruble, and yudell, who designed

<http://locna.katz.com/covina.html>

[\[RETURN TO LOCCNA HOME PAGE\]](#)

A Creek Runs Through It

By Gina Covina

photos: Andy Kjellgren From Nov 10-16, 2000 edition of the Express

Posted with permission of the Express;

Mail: PO Box 3198 Berkeley, CA 94703-0198; Phone: (510) 540-7400; Fax: (510) 540-7700; Email: info@eastbay.express.com Text of this article also appears at the [Express Website](#) When Congregation Beth El needed to find a larger North Berkeley home, it didn't need to look far: a beautiful 2.2-acre parcel only blocks away would be more than suitable to house its new synagogue. There is only one problem: Codornices Creek. When Napoleon Bonaparte Byrne bought 827 acres in the Berkeley hills 140 years ago, he and his wife Mary picked a bucolic paradise beside Codornices Creek for their home. As Mary wrote in 1860, "The spot for the building has been selected and I honestly think that a prettier or more desirable one can not be found on this side of the continent." Today the same bit of land, stretching between Spruce and Oxford streets above Live Oak Park, is nearly as bucolic as it was before the Byrnes built their elaborate Italianate villa, which fell victim to a fire in 1984. The beauty of the 2.2-acre plot is part of the problem: It turns out that many people besides the site's owners, Congregation Beth El, have a vision for its future over the next 140 years and beyond. The Reform Jewish congregation wants to move its synagogue and school complex onto the site from its current cramped location three blocks away. Their plans, which involve constructing a massive building and a parking lot that would stretch across the creek, are opposed by an ever-expanding group that includes the majority of the neighbors, the Berkeley Architectural Heritage Association, the Sierra Club, the California Department of Fish and Game, and a host of others. That the city has put the project on a fast track to approval even going so far as to attempt to disable its own Landmarks Preservation Commission has kept things moving forward even as more and more voices weigh in against the project.

66. www.math.auckland.ac.nz/EJA/TOC/jat_toc

Theory, Volume 1, Number 2, September 1968 E. G. orlich Distributional methods in saturation theory 111136 Jerry L. Fields, yudell L. luke, and Jet Wimp

http://www.math.auckland.ac.nz/EJA/TOC/jat_toc

67. [ILLINOIS MATHEMATICS LEAGUE](#)

HS Yana Malysheva, Urbana HS Shannon Mascarenhas, Lincoln Park HS luke Nelson, Mahomet Univ of Chicago Lab Sch Edward Yang, Prospect HS Barb yudell, John Hersey

http://www.mathleague.com/reports/1999_00/IL2.HTM

ILLINOIS MATHEMATICS LEAGUE

December 1999 High School Score Report Summary

County/School Name Total Adams Quincy Sr. HS **Bond** Bond Co. Comm. Unit #2 HS **Bureau** Hall HS **Champaign** Centennial HS Champaign Central HS Heritage HS Mahomet-Seymour HS Rantoul Twp HS Urbana HS **Christian** Pana HS **Cook CH** Archbishop Quigley Sch Elmwood Park HS Hanna Sacks Bais Yaakov Sch Latin School of Chicago Lincoln Park HS Morgan Park Academy Perspectives Charter School Providence-St. Mel HS Southside College Prep. Acad. St. Benedict HS St. Ignatius Coll Prep St. Patrick HS Univ of Chicago Lab Sch **Cook NE** Evanston Twp HS Loyola Academy Maine Twp East HS Niles West HS Regina Dominican HS Roycemore School **Cook NW** Hoffman Estates HS John Hersey HS Maine Twp West HS Palatine HS Prospect HS Rolling Meadows HS Schaumburg Chrstn Sch St. Viator HS Streamwood HS **Cook SE** Homewood Flossmoor HS **Cook SW** Lemont HS St. Laurence HS Univeral School **Cook W** Fenwick HS Holy Cross HS Morton West HS **De Kalb** Indian Creek HS Somonauk HS **Dewitt** Blue Ridge HS **Du Page** Addison Trail HS Bartlett HS College Prep. Sch of America Downers Grove North HS Downers Grove South HS Glenbard North HS Glenbard South HS Glenbard West HS Hinsdale Central HS Islamic Foundation Sch Lake Park HS Montini Catholic HS Naperville North HS Neuqua Valley HS St. Francis HS

68. [Algorithms For The Computation Of Mathematical Functions \(in Lcmarc\)](#)

Title Algorithms for the computation of mathematical functions / yudell L.luke. Author luke, yudell L. Published New York Academic Press, 1977.

<http://lcmarc.dra.com/lcmarc/AFX-0179>

Algorithms for the computation of mathematical functions

Title:

- [Algorithms for the computation of mathematical functions / Yudell L. Luke.](#)

Author:

- [Luke, Yudell L.](#)

Published:

- New York : Academic Press, 1977.

Subject:

- [Functions, Special Data processing.](#)
- [Approximation theory Data processing.](#)

Series:

- [Computer science and applied mathematics](#)

Material:

- xiii, 284 p. ; 24 cm.

Note:

- Bibliography: p. 280.
- Includes indexes.

ISBN:

- System ID no:
 - AFX-0179

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69. [Records For Functions, Special -- Data Processing. \(LC\) \(in Lcmarc\)](#)

Functions, Special Data processing. (LC). Records 1 to 1 of 1. luke, yudellL. Algorithms for the computation of mathematical functions / yudell L. luke.

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- [Luke, Yudell L.](#)
[Algorithms for the computation of mathematical functions / Yudell L. Luke.](#)
[New York : Academic Press, 1977.](#)

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70. [ITU Library Services](#)

3, Daralan kesitli ÅşubuklarÅ½n eÅ°ilme titreÅ¼imleri / BÅ¼lent TÅ¼deÅ¼,1985. 4, Integrals of bessel functions / yudell L. luke, 1962.

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71. [Course Syllabus](#)

Thursday September 27 Hebrew Bible Genesis Chapters 123, Deuteronomy. Tuesday October 2 New Testament, luke, Acts, and Romans. Thursday

http://www.columbia.edu/itc/cc/yudell/course_syllabus.html

Class Syllabus

Schedule of readings and assignments

(note: readings are to be done by the date at which they are listed) Thursday September 6 Plato, *Republic* Book 1
Tuesday September 11 Thursday September 13 Plato, *Republic* Books 2-4 Tuesday September 18 Plato, *Republic*
Books 5-8 Thursday September 20 Plato, *Republic* Books 9-10 AND Aristotle, *Nicomachean Ethics* Book 1; Book 2; Book
3, Chapters 1-3; Book 5 Chapters 1-7; Book 6 Chapters 5-8, 12-13; Book 8 Chapters 9-12 (note, no Book 10) Tuesday
September 25 Aristotle, *Nicomachean Ethics* Book 10 AND Aristotle, *Politics* Book 1; Book 2 Chapters 1-5; Book 3
Chapters 1-13; Book 4 Chapters 1-12; Book 7 Chapter 1; Book 8 Chapter 1 Thursday September 27 Hebrew Bible:
Genesis Chapters 1-23, *Deuteronomy* Tuesday October 2 New Testament, *Luke Acts*, and *Romans* Thursday October
4 Suras 1, 114, 112, 75, 68, 63, 56, 26, 17, 2-4 Tuesday October 9 Augustine

72. [Audio Systems Group, Inc. Project List](#)

Design Team Moore, Ruble, and yudell, Santa Monica, CA; Talaske Group, Oak Park, IL. St. luke's Episcopal Church, Evanston, IL
Designed sound system. St.

<http://www.audiosystemsgroup.com/projlist2.htm>

PAGING SYSTEMS

United Airlines O'Hare Terminal, Chicago, IL Designed paging system with more than 4,500 loudspeakers and an
integrated control system. Design team: Murphy Jahn, Chicago, IL; Kirkegaard and Associates, Downers Grove, IL

Decatur Ice Rink/Convention Center, Decatur (IL) Civic Center Evaluated existing system, designed replacement.
Glenbrook North High School Gymnasium, Glenbrook School District, Glenbrook, IL Designed gymnasium sound
system. **Highland Park Hockey Arena, Park District of Highland Park, IL** Analyzed contractor proposals for new
sound system. **Northwestern University Dyche Stadium (Now Ryan Field), Evanston, IL** Designed sound system and
press facilities for renovation of 40,000 seat stadium in residential neighborhood. Project Architect: Griskelis + Smith,
Chicago, IL **Northwestern University Athletic Training Facility, Evanston, IL** Preliminary design and budget for sound
systems for new building. Peoria Civic Center Arena, Peoria, IL Designed very versatile replacement sound system for
12,000 seat arena. **Pueblo High School Gymnasium, Tucson, AZ**

73. [REINDEER ROMP 5K](#)

23 CHARLOTTE NC 2402 3 163 luke DOIRON M AG CITY ST GUNTIME =1 376 ANNE yudell F 533

http://www.runcharlotte.com/2000_races/reindeer5k00.htm

74. [Calculus](#)

ClenshawSmith recurrence scheme. See yudell L. luke. *Mathematicalfunctions and their approximations*. Academic Press, NY,
1975.

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75. [Untitled](#)

WHITESELL, luke J. Assistant Professor, Pediatrics AB, 1979, Harvard University; M PHIL, 1981, Cambridge University; MD, 1984, Johns Hopkins yudell, ALAN.

<http://www.medicine.arizona.edu/curricularaffairs/catalog/previous-catalogs/9698>

T

TAETLE, RAYMOND. Research Scientist, Cancer Center, Professor, Pathology, Professor, Medicine
BA, 1969, University of Michigan; MD, 1973, Northwestern University TALLMAN, DAVID H. Specialist,
Neurosurgery
BA, 1971, University of California at Berkeley; BS, 1975, University of Oklahoma TALWAR, DINESH. Clinical
Assistant Professor, Neurology, Clinical Assistant Professor, Pediatrics
BS, 1974, Deshbandhu College; MBBS, 1980, All-india Institute of Medical Sciences TAMM, HARRY S. Clinical
Associate Professor, Neurology
AB, 1967, Tufts University; MD, 1971, University of Missouri TAREN, DOUGLAS L. Adjunct Professor, Nutritional
Sciences, Associate Professor, Public Health
BS, 1976, University of Arizona; MS, 1980, University of Arizona; PHD, 1986, Cornell University TAYLOR,
HORTENSIA M. Clinical Assistant Professor, Medicine
BS, 1981, University of Arizona; MD, 1988, University of Arizona TAYLOR, WANDA A. Assistant Professor,
Clinical Psychiatry
BA, 1976, Case Western Reserve University; MD, 1981, Case Western Reserve University TEMKIN, LAWRENCE
P. Clinical Lecturer, Medicine

76. [Rejstřík](#)

luke, Ann W. (1); luke, TM (1); luke, yudell L. (1); luken, K. (1); luken, KOL (1); lukens, Richard W. (1); lukeš, F. (1); lukeš, Ivan (6).
následující strana .

<http://newalex.stk.cz/cgi-bin/dflex/CZE/STK/BROWSE-REV/8/9822>

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Rejstřík

- [Lukašev, V. K.](#)
- [Lukaš, Leopold](#)
- [Lukaš, E. S.](#)
- [Lukaš, Jindra ...](#)
[Dotazy, připomínky](#)

77. [MathComp Database - Short View Of Documents](#)

FUNCTIONS WITH FORMULAS, GRAPHS, AND MATHEMATICAL TABLES. 3, 1040390,1975, luke, yudell L. MATHEMATICAL
FUNCTIONS AND THEIR APPROXIMATIONS.

<http://ram0.huji.ac.il/ALEPH/ENG/JSL/JMC/JMC/FIND-ACC/0243381>

MathComp database - Short view of 3 documents

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ABRAMOWITZ, MILTON, ... HANDBOOK OF MATHEMATICAL FUNCTIONS WITH FORMULAS, GRAPHS, AND
MATHEMATICAL TABLES ABRAMOWITZ, MILTON, ... HANDBOOK OF MATHEMATICAL FUNCTIONS WITH
FORMULAS, GRAPHS, AND MATHEMATICAL TABLES LUKE, YUDELL L. MATHEMATICAL FUNCTIONS AND THEIR
APPROXIMATIONS

78. [Author-Index](#)

luke, Robert; luke, Sean; luke, yudell L. luken, William; luken, William L. luker, Mark; luker, PA; luker, Paul; lukes, Dahlard

<http://dbweb.csie.ncu.edu.tw/DBLP/dblp/db/indices/a-tree/A959.html>

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- [Kuroki, Kenro](#)
- [Kuroki, Nobuaki](#) ... [index root](#) DBLP: [[Home](#) [Author](#) [Title](#) [Conferences](#) ... [Michael Ley](#) (ley@uni-trier.de) Sat Mar 29 06:13:18 2003

79. [Matches For: Pub Year=\(1979\) AND Entry Type=\(Journals\) AND Journal=\(J. Approx. T](#)

(Reviewer John N. McDonald) 46A35 (30B60 46E10) 36 PDF 81d15008 luke, YudellL.; Barker, GP On asymptotic expansions for functions of matrix argument.

http://www.math.ohio-state.edu/JAT/DATA/MR/jat_1979.html

This query took 31.000 seconds Matches for: Pub Year=(1979) AND Entry type=(Journals) AND Journal=(J. Approx. Theory)

Items: of Select format: Reviews (HTML) Reviews (PDF) Reviews (DVI) Reviews (PostScript) Citations (ASCII) Citations (BibTeX) [Stieglitz, Michael J. Approx. Theory](#) (1979), no. 2, 176185.

[Bownds, John M. Wood, Bruce](#) A smoothed projection method for singular, nonlinear Volterra equations. [J. Approx. Theory](#) (1979), no. 2, 120141.

[Schmidt, Eckard](#) Chebyshev approximation with sums of logarithmic functions. [J. Approx. Theory](#) (1979), no. 2, 124131.

[Light, William A.](#) Some optimality conditions for Chebyshev expansions. [J. Approx. Theory](#) (1979), no. 2, 113126.

(Reviewer: T. J. Rivlin)

[Sternfeld, Y.](#) Superpositions of continuous functions. [J. Approx. Theory](#) (1979), no. 4, 360368. (Reviewer: R. Doss)

[Newman, Donald J. J. Approx. Theory](#) (1979), no. 3, 236238. (Reviewer: T. J. Rivlin)

[Kwong, M. K. Zettl, A.](#) Remarks on best constants for norm inequalities among powers of an operator. [J. Approx. Theory](#)

(1979), no. 3, 249258. (Reviewer: V. V. Peller)

[Bennett, Colin](#)

80. [ACM Guide: Author Index](#)

luke A. luke Ann W. luke Brian T. luke CJ luke Cheryl M. luke D. Russell luke EdwardA. luke Eric J. luke Jon C. luke Jonathan HC luke Margaret luke RC luke RL

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On the interactions of math and computation. Computational Complexity Theory. The nature, purpose, style and audience of the book. Organization of the book. Asymptotic Notation. Prelude: computation, undecidability and the limits of mathematical knowledge. Computational complexity 101: the basics. One-way functions, trap-door functions and cryptography. Lower bounds, Boolean Circuits, and attacks on P vs. NP. Diagonalization and relativization. On the one hand, the Turing machine is a formal, mathematical model of computation, enabling for the first time the rigorous definition of computational tasks, the algorithms to solve them, and the basic resources these require (in particular, allowing Turing to prove that very basic tasks are uncomputable!).