

Classified Index

VOLUME XXXI

1938

INDEX BY AUTHORS

- Adler, Claire Fisher
Calculus Versus Geometry. XXXI, January 1938, 19-23
- Alexander, Edyth Clarke
The Concept of Approximation. XXXI, April 1938, 183
- Bagley, William C.
The Teacher's Professional Study of Subject-Matter in Mathematics. XXXI, October, 1938, 273-277
- Barber, Harry C.
Random Notes on Geometry Teaching. XXXI, January 1938, 31
- Boyer, Lee Emerson
The Dandelin Spheres. XXXI, March 1938, 124-125
- Breslich, E. R.
The Nature and Place of Objectives in Teaching Geometry. XXXI, November 1938, 307-315
- Breuckner, Leo J.
Deferred Arithmetic. XXXI, October 1938, 287-292
- Buckingham, B. R.
Significance, Meaning, Insight—These Three. XXXI, January 1938, 24-30; Trends and Policies in Arithmetic Curricula. XXXI, November 1938, 330-335
- Buswell, G. T.
Deferred Arithmetic. XXXI, May 1938, 195-200
- Chevrolet Motor Division
The Mathematics of the Automobile. XXXI, May 1938, 209-215
- Christofferson, H. C.
Geometry a Way of Thinking. XXXI, April 1938, 147-155; A Letter from the New President of the National Council of Teachers of Mathematics. XXXI, April 1938, 184
- Dickter, M. Richard
The Problem of Review. XXXI, December 1938, 385-386
- Dodson, Norman E.
An Introduction to Determinants in Secondary Year Algebra. XXXI, November 1938, 336-337
- Evans, George W.
Ratio as a Multiplier. XXXI, March 1938, 114-116
- Graham, Wallace B.
Examinations for Analysis. XXXI, March 1938, 129-131
- Hagen, Henry H. and Samuelson, Norman L.
Preparation for Teaching Secondary-School Mathematics. XXXI, May 1938, 210-204
- Hall, Mrs. Elizabeth Loetzer
Applying Geometric Methods of Thinking to Life Situations. XXXI, December 1938, 379-384
- Hart, William L.
Some Debatable Facts and Some Suggestions. XXXI, December 1938, 355-362
- Hartung, Maurice L.
Some Problems in Evaluation. XXXI, April 1938, 175-182
- Hildebrandt, Martha
The President's Report, 1936-1938. XXXI, March 1938, 132-135
- Jablonower, Joseph
Mathematics in a Program of Progressive Education. XXXI, December 1938, 365-367
- Johnson, J. T.
Curriculum Revision in Elementary Mathematics in Chicago. XXXI, November 1938, 322-325
- Johnson, William H.
The New Arithmetic Course in the Chicago Elementary Schools. XXXI, March 1938, 126-128
- Kaufman, Elliott H.
Imagery in Numerical Trigonometry. XXXI, January 1938, 32-33
- Kempner, Aubrey
On the Need of Cooperation between High School and College Teachers of Mathematics. XXXI, March 1938, 117-123
- Krathwohl, William C.
Helping Mathematics with an Exhibit. XXXI, February 1938, 68-69
- Lady, Clyde H.
A Reaction to "Let's Check the Hypothesis." XXXI, November 1938, 329
- Lazar, Nathan
The Importance of Certain Concepts and Laws of Logic for the Study and Teaching of Geometry. XXXI, March 1938, 99-113; April 1938, 156-174; May 1938, 216-240
In Other Periodicals. XXXI, January 1938, 34-36; February 1938, 81-83; March 1938, 137-138; April 1938, 186-187; May 1938, 247-248; October 1938, 297-298; November 1938, 343-345; December 1938, 389-390
- Maddox, A. C.
The Expediency of Compromise in Mathematical Curricula and Instruction. XXXI, October 1938, 259-263
- Morris, Daniel Luzon
Inverted Geometry. XXXI, February 1938, 78-80
- Morrison, J. Cayce
Can We Adapt Arithmetic Instruction to the Needs of All the Children? XXXI, December 1938, 373-378
- Morton, R. L.
The National Council Committee on Arithmetic. XXXI, October 1938, 267-272
- Moseley, Nicholas
Out-of-School Arithmetic of Sixth Grade Children. XXXI, December 1938, 363-364
- Mueller, Felicite
Pythagoras. XXXI, November 1938, 342
- Mullen, Frances A.
Fugitive Materials. XXXI, May 1938, 205-208
- Nyberg, Joseph A.
Substitutions, and the Order of Operations. XXXI, May 1938, 243-245
- Nygaard, P. H.
Repeating Decimals. XXXI, November 1938, 316-321

- Ogilvy, C. Stanley
How Old Is Ann? XXXI, March 1938, 125
- Paterson, Edith Bruce
Everyman's Visit to the Land of the Mathematicians. XXXI, January 1938, 7-18
- Reeve, W. D.
Editorials. XXXI, January 1938, 30; March 1938, 136; April 1938, 155, 185; May 1938, 200, 204, 246, 248; November 1938, 325, 337, 341-342; December 1938, 387-388
- Richtmeyer, Cleon C.
A Course in Applied Mathematics for Teachers of Secondary Mathematics. XXXI, February 1938, 51-62
- Riter, H. E.
The Enrichment of the Mathematics Course. XXXI, January 1938, 3-6
- Romig, Winston E.
Whither Mathematics? XXXI, October 1938, 293-296
- Samuelson, Norman L. and Hagen, Henry H.
Preparation for Teaching Secondary-School Mathematics. XXXI, May 1938, 201-204
- Schreiber, Edwin W.
The Nineteenth Annual Meeting of the National Council of Teachers of Mathematics. XXXI, October 1938, 278-286
- Seidlin, Joseph
What Shall We Do with Our Unfit? XXXI, February 1938, 75-77
- Shoen, Harriet H.
The Science Venerable. XXXI, March 1938, 98
- Sitomer, Harry
"If-Then" in Plane Geometry. XXXI, November 1938, 326-329
- Stright, Isaac L.
The Relation of Reading Comprehension and Efficient Methods of Study to Skill in Solving Algebraic Problems. XXXI, December 1938, 368-372
- Thiele, C. L.
An Incidental or an Organized Program of Number Teaching? XXXI, February 1938, 63-67
- Wheat, Harry G.
The New Arithmetic Course in the Chicago Elementary Schools—A Criticism. XXXI, October 1938, 264-266
- Wren, F. L.
The Concept of Dependence in the Teaching of Plane Geometry. XXXI, February 1938, 70-74

INDEX BY TITLES AND SUBJECTS

Arithmetic

- Can We Adapt Arithmetic Instruction to the Needs of All the Children? Morrison, J. Cayce. XXXI, December 1938, 373-378
- Deferred Arithmetic, Breuckner, Leo J. XXXI, October 1938, 287-292
- Deferred Arithmetic, Buswell, G. T. XXXI, May 1938, 195-200
- How Old Is Ann?, Ogilvy, C. Stanley. XXXI, March 1938, 125
- Incidental or an Organized Program of Numbers Teaching, An? Thiele, C. L. XXXI, February 1938, 63-67
- National Council Committee on Arithmetic, The, Morton, R. L. XXXI, October 1938, 267-272
- New Arithmetic Course in the Chicago Elementary Schools, The, Johnson, William H. XXXI, March 1938, 126-128
- New Arithmetic Course in the Chicago Elementary Schools—A Criticism, The, Wheat Harry G. XXXI, October 1938, 264-266
- Out-of-School Arithmetic of Sixth Grade Children, Moseley, Nicholas. XXXI, December 1938, 363-364
- Repeating Decimals, Nygaard, P. H. XXXI, November 1938, 316-321
- Trends and Policies in Arithmetic Curricula, Buckingham, B. R. XXXI, November 1938, 330-335

Art of Teaching, The

- Concept of Approximation, The, Alexander, Edyth Clarke. XXXI, April 1938, 183
- Examinations for Analysis, Graham, Wallace B. XXXI, March 1938, 129-131
- Imagery in Numerical Trigonometry, Kaufman, Elliott H. XXXI, January 1938, 32-33
- Inverted Geometry, Morris, Daniel Luzon. XXXI, February 1938, 78-80
- Introduction to Determinants in Second-Year Algebra, An, Dodson, Norman E. XXXI, November 1938, 336-337
- Problem of Review, The, Dickter, M. Richard. XXXI, December 1938, 385-386
- Substitutions, and the Order of Operations, Nyberg, Joseph A. XXXI, May 1938, 243-245
- Whither Mathematics? Romig, Winston E. XXXI, October 1938, 293-296
- Calculus Versus Geometry, Adler, Claire Fisher. XXXI, January 1938, 19-23
- Course in Applied Mathematics for Teachers of Secondary Mathematics, A, Richtmeyer, Cleon C. XXXI, February 1938, 51-62
- Curriculum Revision in Elementary Mathematics in Chicago, Johnson, J. T. XXXI, November 1938, 322-325
- Dandelion Spheres, The, Boyer, Lee Emerson. XXXI, March 1938, 124-125

Editorials, Reeve, W. D.

- Appeal to our Subscribers, An. XXXI, November 1938, 341-342
- Improvement of Instruction. XXXI, November 1938, 341
- Loyalty to the National Council. XXXI, May 1938, 246
- National Council's New President, The. XXXI, April 1938, 185
- National Council's Retiring President, The. XXXI, March 1938, 136
- Notice to Subscribers. XXXI, January 1938, 30; May 1938, 248; November 1938, 325
- Orpha Worden. XXXI, March 1938, 136
- Preliminary Report of the Joint Commission, April 1938, 155; May 1938, 200; November 1938, 337
- Progressives or Essentialists? XXXI, May 1938, 246
- Renewal of Membership. XXXI, April 1938, 185
- Report of the Joint Commission. XXXI, November 1938, 341
- State Representatives of the Council. XXXI, March 1938, 136

- Summer Meeting of the National Council. XXXI, April 1938, 155
 Teachers of Mathematics. XXXI, May 1938, 204
 Enrichment of the Mathematics Course, The, Riter, H. E. XXXI, January 1938, 3-6
 Expediency of Compromise in Mathematical Curricula and Instruction, The, Maddox, A. C. XXXI, October 1938, 259-263
 Fugitive Materials, Mullen, Frances A. XXXI, May 1938, 205-208

Geometry

- Applying Geometric Methods of Thinking to Life Situations, Hall, Mrs. Elizabeth Loetzer. XXXI, December 1938, 379-384
 Concept of Dependence in the Teaching of Plane Geometry, The, Wren, F. L. XXXI, February 1938, 70-74
 Geometry a Way of Thinking, Christofferson, H. C. XXXI, April 1938, 147-155
 "If-Then" in Plane Geometry, Sitomer, Harry. XXXI, November 1938, 326-329
 Importance of Certain Concepts and Laws of Logic for the Study and Teaching of Geometry, The, Lazar, Nathan. XXXI, March 1938, 99-113; April 1938, 156-174; May 1938, 216-240
 Inverted Geometry, Morris, Daniel Luzon. XXXI, February 1938, 78-80
 Nature and Place of Objectives in Teaching Geometry, The, Breslich, E. R. XXXI, November 1938, 307-315
 Random Notes on Geometry Teaching, Barber, Harry C. XXXI, January 1938, 31
 Helping Mathematics with an Exhibit, Krathwohl, William C. XXXI, February 1938, 68-69
 In Other Periodicals, Lazar, Nathan. XXXI, January 1938, 34-36; February 1938, 81-83; March 1938, 137-138; April 1938, 186-187; May 1938, 247-248; October 1938, 297-298; November 1938, 343-345
 Mathematics in a Program of Progressive Education, Jablonower, Joseph. XXXI, December 1938, 365-367
 Mathematics of the Automobile, The Chevrolet Motor Division. XXXI, May 1938, 209-215

National Council of Teachers of Mathematics

- Attendance, Nineteenth Annual Meeting. XXXI, October 1938, 284-286
 Fifth December Meeting, Williamsburg, Va. XXXI, November 1938, 338
 Letter from the New President of the National Council of Teachers of Mathematics, A., Christofferson, H. C. XXXI, April 1938, 184
 Nineteenth Annual Meeting, The, Schreiber, E. W. XXXI, October 1938, 278-286
 Official Notice, Schreiber, E. W. XXXI, November 1938, 339
 Periods of Service of the Officers of the National Council. XXXI, November 1938, 340
 Program of the Nineteenth Annual Meeting. XXXI, January 1938, 43-45
 Program of the Summer Joint Meeting. XXXI, May 1938, 241-242
 Report of the President, 1936-1938, Hildebrandt, Martha. XXXI, March 1938, 132-135
 Report of the Treasurer. XXXI, October 1938, 283

- Tentative Program of the Twentieth Annual Meeting. XXXI, November 1938, 338-339

- News Notes. XXXI, January 1938, 37-42; March 1938, 139-141; May 1938, 249-253; November 1938, 346-349
 On the Needs of Cooperation between High School and College Teachers of Mathematics, Kempner, Aubrey. XXXI, March 1938, 117-123

Plays

- Everyman's Visit to the Land of the Mathematicians, Paterson, Edith Bruce. XXXI, January 1938, 7-18

Poems

- Pythagoras, Mueller, Felicite. XXXI, November 1938, 342
 Preparations for Teaching Secondary-School Mathematics, Hagen, Henry H. and Samuelson, Norman L. XXXI, May 1938, 201-204
 Ratio as a Multiplier, Evans, George W. XXXI, March 1938, 114-116
 Reaction to "Let's Check the Hypothesis," Lady, Clyde H., XXXI, November 1938, 329
 Relation of Reading Comprehension and Efficient Methods of Study to Skill in Solving Algebraic Problems, The, Stright, Isaac A. XXXI, December, 1938, 368-372
 Science Venerable, The, Shoen, Harriet H. XXXI, March 1938, 98
 Significance, Meaning, Insight—These Three, Buckingham, B. R. XXXI, January 1938, 24-30
 Some Debatable Facts and Some Suggestions, Hart, William L. XXXI, December 1938, 355-362
 Some Problems in Evaluation, Hartung, Maurice L. XXXI, April 1938, 175-182
 Teachers Professional Study of Subject-Matter in Mathematics, The, Bagley, William C. XXXI, October 1938, 273-277
 What Shall We Do with Our Unfit? Seidlin, Joseph, XXXI, February 1938, 75-77

BOOK REVIEWS

- Allen, Edward S. *Plane Trigonometry*. XXXI, February 1938, 85-86. A. Bakst.
 Bakst, A. See Allen, Edward S.
 Barnhart, W. S., and Maxwell, L. B. *Social-Business Arithmetic*. XXXI, May 1938, 255. W. D. Reeve.
 Bell, E. T. *Men of Mathematics*. XXXI, February 1938, 85. W. D. Reeve.
 Cowan, Anne Louise. *Consumers Mathematics*. XXXI, May 1938, 255. W. D. Reeve.
 Eisner, Harry. *The Classroom Teacher's Estimation of Intelligence and Industry of High School Students*. XXXI, May 1938, 255. W. D. Reeve.
 Fawcett, H. P. See Hellmich, Eugene W.
 Gregory, Cottell. See Hart W. W.
 Hart W. L. *Introduction to the Mathematics of Business*. XXXI, May 1938, 255. W. D. Reeve.
 Hart, W. W. and Gregory, Cottell. *Socialized General Mathematics*. XXXI, May 1938, 254. W. D. Reeve.
 Hawkes, W. A., Luby, H. E. and Touton, F. C. *Second Year Algebra*. XXXI, May 1938, 254. W. D. Reeve.

Hellmich, Eugene W. *Mathematics in Certain Elementary Social Studies*. XXXI, February 1938, 84. H. P. Fawcett.

Jeffreys, Harold. *Scientific Inference*. XXXI, February 1938, 86. Nathan Lazar.

Kendall, J. B. See Yule, G. Udny.

Lazar, Nathan. See Jeffreys, Harold.

Luby, H. E. See Hawkes, W. A.

Maxwell, L. B. See Barnhart, W. S.

McCormack, Jos. P. *Mathematics for Modern Life*. XXXI, February 1938, 85. W. D. Reeve.

Reeve, W. D. See Barnhart, W. S., Bell, E. T., Cowan, Anne Louise, Eisner, Harry, Hart, W. L., Hart, W. W., Hawkes, W. A., McCormack, Jos. P., Running, Theodore R.,

Spears, Harold, University of the State of New York, and Waugh, Albert E.

Running, Theodore R. *Graphical Calculus*. XXXI, May 1938, 254. W. D. Reeve.

Spears, Harold. *Experiences in Building a Curriculum*. XXXI, May 1938, 255. W. D. Reeve

Touton, F. C. See Hawkes, W. A.

University of the State of New York. *Mathematics for Elementary Schools—A Handbook for Teachers*. XXXI, May 1938, 256. W. D. Reeve.

Waugh, Albert E. *Elements of Statistical Method*. XXXI, May 1938, 256. W. D. Reeve.

Yule, G. Udny, and Kendall, M. G. *An Introduction to the Theory of Statistics*. XXXI, May 1938, 254. W. D. Reeve.

HANDBOOKS FOR PROGRESSIVE TEACHERS BY SAMUEL I. JONES

200
Illustrations

MATHEMATICAL NUTS

Contains over
700 solutions

SECTIONS

1. Nuts for Young and Old.
2. Nuts for the Fireside.
3. Nuts for the Classroom.
4. Nuts for the Math Club.
5. Nuts for the Magician.

6. Nuts for the Professor.
7. Nuts for the Doctor.
8. Nuts, Cracked for the Weary.
9. Nut Kernels.
10. Index.

■ "The reviewer has never before seen anywhere such an array of interesting, stimulating, and effort inducing material as is here brought together."—DR. B. F. FINKEL, Editor, *American Mathematical Monthly*.

■ "The school library that does not possess this work should be put on the black list, and the teacher who does not use it should (as the graduates of our schools of letters and of tastes so often say) 'Look for another job.'"—Dr. David Eugene Smith, *The Mathematics Teacher*.

Price Postpaid

To any address

\$3.50

Revised and
Enlarged Edition

MATHEMATICAL WRINKLES

Novel, Amusing
and Instructive

SECTIONS

1. Arithmetical Problems.
2. Algebraic Problems.
3. Geometrical Exercises.
4. Miscellaneous Problems.
5. Mathematical Recreations.
6. The Fourth Dimension.
7. Examination Questions.
8. Answers and Solutions.

9. Short Methods.
10. Quotations on Mathematics.
11. Mensuration.
12. Miscellaneous Helps.
13. Mathematics Clubs.
14. Kindergarten in Numberland.
15. Tables.
16. Index.

Price Postpaid

To any address

\$3.00

■ "Mathematical Nuts and Mathematical Wrinkles are gems sparkling in the dark arena of Mathematics." "No teacher of Mathematics can afford to be without them."—J. Travers, B.A.B.Sc., M.R.S.T., Headmaster Peterborough College, Harrow, in *The Educational Outlook*, London, England.

■ These books are attractively illustrated and beautifully bound in half leather.
Forward your order today. (A copy of each on receipt of only \$6.00)

S. I. JONES CO., Publisher, 1122 Belvidere Drive, Nashville, Tenn.