THE MATHEMATICS TEACHER

EDITED BY

W. H. METZLER

ASSOCIATED WITH

EUGENE RANDOLPH SMITH
GEORGE G. CHAMBERS
HARRY D. GAYLORD
WILLIAM E. BRECKENRIDGE

Vol. XII - XIII

September, 1919—June, 1920
DEC.

THE MATHEMATICS TEACHER
SYRACUSE, N. Y.

74.10
R

INDEX.

A

A Junior High School Course in Mathematics 23
Algebra, Proposed Syllabus in 101
An Experiment in Motivation 1
Applied Mathematics in High Schools: Some Lessons from the War. 17
A Simple Method of Reconstructing a Hyperbolic Paraboloid..... 28
Association of Mathematics Teachers of New Jersey: Report of the Committee of First-Year High-School Mathematics.....61, 89
Assumptions in the First Book of Euclid's Elements, Certain Undefined and Tacit 41
Authors:
Breckenridge, Wm. E. 17
Cuy, E. J. (Couyumdgopoulos)..... 28
English, Harry 154
Gillies, Robert C. 124
Lynde, L. E. 139
Renshaw, Emily 23
Sampson, Chas. H. 167
Schlauch, Wm. S. 17
Smith, Eugene R. 10
Webb, Harrison E. 41
Wheelock, Chas. F. 101
Williams, H. B. 115

B

Books, New 126, 172
Book of Euclid's Elements, Certain Undefined Elements and Tacit Assumptions in the First 41
Book Reviews 34, 75

C

Certain Undefined Elements and Tacit Assumptions in the First Book of Euclid's Elements 41
Children's Characteristics, Scales for the Study of..... 10
Committee of First-Year High School Mathematics; Association of Mathematics Teachers of New Jersey; Report of the.....61, 89
Committee on Mathematical Requirements, The National..... 30
Course in Mathematics, A Junior High School..... 23
Conditions on Mathematics Courses and Methods; Effects of Post-Armistice 154

E

Editorial 33
Effect of Post-Armistice Conditions on Mathematical Courses and Methods 154
Efficiently, Teaching Practical Mathematics 167
Elements and Tacit Assumptions in First Book of Euclid's..... 41
Experiment in Motivation, An 1

H

Helps and Hindrances in the Teaching of Mathematics in Secondary Schools, Some 139
High Schools: Some Lessons from the War, Applied Mathematics in 17
High School Course in Mathematics, A Junior..... 23
Hindrances in the Teaching of Mathematics in Secondary Schools, Some Helps and 139
Hyperbolic Paraboloid, A Simple Method of Reconstructing a..... 28

J

Junior High School Course in Mathematics, A..... 23

L

Love Mathematical 124

M

Mathematics, A Junior High School Course in..... 23
Mathematics Courses and Methods, The Effect of Post-Armistice Conditions on 154
Mathematics Efficiently, Teaching Practical..... 167
Mathematics for Physiologists and Physicians..... 115
Mathematics in High Schools: Some Lessons from the War; Applied 17
Mathematics in Secondary Schools, Some Helps and Hindrances in the Teaching of 139
Mathematical, Love 124
Method of Reconstructing a Hyperbolic Paraboloid, A Simple Method .....
Mathematical Requirements, The National Committee on..... 30
Mathematics Teachers of New Jersey: Report of the Committee of First-Year High School Mathematics, Association of.....61, 89
Motivation, An Experiment in 1

N

National Committee on Mathematical Requirements, The..... 30

New Books 126, 172
Notes and News 37, 77, 129

P

Paraboloid, A Simple Method of Reconstructing a Hyperbolic..... 28
Physician, Mathematics for the Physiologist and..... 115
Physiologist and Physician, Mathematics for the..... 115
Post-Armistice Conditions on Mathematics Courses and Methods, The Effects of 154
Practical Mathematics Efficiently, Teaching 167
Proposed Syllabus in Algebra 101

R

Reconstructing a Hyperbolic Paraboloid, A Simple Method of..... 28
Requirements, The National Committee on Mathematical..... 30
Report of the Committee of First-Year High School Mathematics, Association of Mathematics Teachers of New Jersey.....61, 89

S

Scales for the Study of Children's Characteristics..... 10
Simple Method of Reconstructing a Hyperbolic Paraboloid, A..... 28
Some Helps and Hindrances in the Teaching of Mathematics in Secondary Schools 139

T

Teaching of Mathematics in Secondary Schools, Some Helps and Hindrances in the 139
Teaching Practical Mathematics Efficiently..... 167
The National Committee on Mathematical Requirements..... 30