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Instructional Equipment and Materials

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December, 1968
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62. SE 003 496 07 11 68 06 93 38 1 00 000 002
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63. SF 002 626 03 96 68 06 33 30 1 00 000 002
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64. SE 002 857 02 23 68 06 33 30 1 00 000 002
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PRENTICE-HALL, INC.

EARTH SCIENCE CURRICULUM PROJECT
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PRENTICE-HALL, INC.


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PRENTICE-HALL, INC.

SELECTED REFERENCES FOR EARTH SCIENCE COURSES

PRENTICE-HALL, INC.


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*ASTRONOMY, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *RESEARCH REPORTS, ACHIEVEMENT, GRADE 6, LEARNING, TEXTBOOKS, TEXTBOOK ORGANIZATION, 1964

EHRENKRANZ, T. E.

SAFETY IN THE CHEMICAL LABORATORY - EXPLOSION PROOF ELECTRICAL EQUIPMENT

JOURNAL OF CHEMICAL EDUCATION


EISENBERGER, J., & EISENBERGER, L. A.

INVESTIGATING THE EARTH

HOUGHTON MIFFLIN COMPANY

*EARTH SCIENCE, *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, ASTRONOMY, CLIMATOLOGY, GEOLOGY, GEOGRAPHY, METEOROLOGY, OCEANOLOGY, PHYSICS, SCIENCE ACTIVITIES, SOIL SCIENCE, EARTH SCIENCE CURRICULUM PROJECT, AMERICAN GEOLOGICAL INSTITUTE, NATIONAL SCIENCE FOUNDATION
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73. SE 003 957 08 14 68 17 11 11 3 00 000 210
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76. SE 003 265  09 09 68  18 12 30  1  00 000 045
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ANALYSIS, DOCTORAL THESIS, INSTRUCTION, RESEARCH REPORTS, 1959

79. SE 003 107  02 29 68  17 33 11  2  00 000 342
FEYNMAN, RICHARD P. AND OTHERS
THE FEYNMAN LECTURES ON PHYSICS - VOLUME I
ADDISON-WESLEY PUBLISHING COMPANY
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*COLLEGE SCIENCE, *HEAT, *INSTRUCTIONAL MATERIALS, *LIGHT,
FEYNMAN, RICHARD P. AND OTHERS
THE FEYNMAN LECTURES ON PHYSICS - VOLUME II
ADDISON-WESLEY PUBLISHING COMPANY


FEYNMAN, RICHARD P. AND OTHERS
THE FEYNMAN LECTURES ON PHYSICS - VOLUME III
ADDISON-WESLEY PUBLISHING COMPANY


FOWLER, JOHN M. AND BROOKS, JOHN F.
ONE-DIMENSIONAL WAVE DEMONSTRATION
AMERICAN JOURNAL OF PHYSICS

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THE PHYSICS TEACHER


FRENCH, A. P.
PHYSICS PART III - A NEW INTRODUCTORY COURSE - RELATIVITY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS

FRENCH, A. P.
PHYSICS PART IV - A NEW INTRODUCTORY COURSE - VIBRATIONS AND WAVES
MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS

FRENCH, A. P. AND HUDSON, A. M.
PHYSICS PART I AND PART II - A NEW INTRODUCTORY COURSE - PARTICLES AND NEWTONIAN MECHANICS
MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS
87. SE 002 863 02 23 68 06 33 30 1 00 000 002
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88. SE 002 853 02 23 68 06 33 30 1 00 000 002
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90. SE 003 486 09 10 68 18 12 30 1 00 000 001
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91. SE 003 000 02 27 68 06 33 30 1 00 000 002
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94. SE 003 520 06 10 68 17 75 23 2 00 000 190
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95. SE 002 847 02 23 68 06 95 38 1 00 000 002
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96. SE 002 299 08 24 67 17 12 37 1 06 000 238
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BLOOD CELL PHYSIOLOGY - BSCS PAMPHLET #8
D. C. HEATH AND COMPANY
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97. SE 002 568 08 13 8 22 20 20 1 00 000 003
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TEXTBOOK ERRORS, 77 - HALOGENATION AND OLEFINIC NATURE OF CYCLOPROPANE
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98. SE 002 111 09 06 67 06 33 30 1 00 000 009
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99. SE 003 333 08 07 68 06 35 30 1 00 000 009
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100. SE 002 380 07 12 68 10 32 17 2 22 000 319
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102. SE 002 792 04 04 68 06 15 30 1 00 000 373
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MICROTECHNIQUE, TEMPORARY WHOLEMOUNTS - A WARD'S CURRICULUM AID
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103. SE 002 256 02 07 68 06 92 20 1 00 000 020
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104. SE 003 034 03 19 68 06 33 38 1 00 000 002
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106. HANSON, ROGER J. AND CLOTFELTER, BEKYL E.
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109. HARRIS, JOHN AND OTHERS
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115. SE 002 864 02 23 68 06 33 30 1 00 000 002
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116. SE 002 612 10 11 67 06 23 38 1 00 000 003
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(27)
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AMERICAN JOURNAL OF PHYSICS
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122. HUNGATE, R. E.
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128. SE 002 569 08 07 68 06 23 38 1 00 000 003
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129. SE 003 716 03 04 68 06 95 17 3 51 000 280
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130. SE 002 035 11 14 67 17 12 17 2 22 000 319
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131. SE 002 916 03 06 68 10 33 17 1 00 000 002
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132. SE 002 737 03 19 68 06 23 38 1 00 000 003
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133. SE 002 560 10 11 67 06 33 30 1 00 000 002
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134. SE 002 881 02 26 68 06 33 38 1 00 000 002
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135. SE 003 518 08 13 68 17 95 31 2 00 000 190
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136. SE 002 858 03 06 68 06 33 30 2 00 000 002
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137. SE 003 492 09 10 68 17 12 36 1 00 000 001
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140. SE 003 547 03 20 68 06 92 20 1 00 000 006
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144. SE 002 161  03 08 68  06 12 18  1  00 000 062
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148. SE 003 984 09 13 68 06 33 20 1 00 000 002
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RUTHERFORD SCATTERING APPARATUS FOR LABORATORY AND LECTURE DEMONSTRATION

AMERICAN JOURNAL OF PHYSICS

12 00 65 6

LITTLE, ELBERT L., JR.
BIBLIOGRAPHY - TREES AND SHRUBS OF THE UNITED STATES (IDENTIFICATION)

BIOSCIENCE

11 00 65 2

LOTT, PETER F. AND MILICH, FRANK
TOPICS IN CHEMICAL INSTRUMENTATION - INSTRUMENTATION FOR OSMOMETRY (CONTINUED)

JOURNAL OF CHEMICAL EDUCATION

04 00 66 11

LOWE, J. I. AND WHITSON, D.
SIMPLE PULSED NUCLEAR-MAGNETIC RESONANCES SPECTROMETER

AMERICAN JOURNAL OF PHYSICS

04 00 66 4
153. LUFBURROW, ROBERT A.
BOOKS MOST OFTEN RECOMMENDED BY TEXTBOOK WRITERS
AMERICAN JOURNAL OF PHYSICS
12 00 65 4
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *PHYSICS, REFERENCE BOOKS, REFERENCE MATERIALS

154. MAJOR, ALEXANDER G. AND COLLETTE, ALFRED T.
The Readability of College General Biology Textbooks
SCIENCE EDUCATION
04 00 61 9

155. MANCHESTER, F. D.
Simple Doppler-Shift Apparatus Using Microwaves
AMERICAN JOURNAL OF PHYSICS
06 00 65 2
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *UNDERGRADUATE STUDY, MICROWAVES, SCIENCE EQUIPMENT, SCIENCE ACTIVITIES, SCIENCE DEMONSTRATIONS, DOPPLER SHIFT

156. MANGERY, PETER WILLIAM
An Analysis of Chemistry Textbooks Used in the American Secondary Schools Before 1890
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
59 302

157. MARCLEY, ROBERT G.
Apparatus Drawings Project
PLENUM PRESS
62 290
*CONSTRUCTION COSTS, *CONSTRUCTION (PROCESS), *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, EQUIPMENT GUIDES, ELECTRONICS, PHYSICS, AMERICAN ASSOCIATION OF PHYSICS TEACHERS, AMERICAN INSTITUTE OF PHYSICS, NATIONAL SCIENCE FOUNDATION

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MARYLAND UNIVERSITY MATHEMATICS PROJECT

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MARYLAND UNIVERSITY MATHEMATICS PROJECT

61 351


| 160. | SE 003 488 09 10 68 | 18 12 38 | 1          |
|      | 00 000 001 | MASTERS, CHARLES O. | REQUIREMENTS FOR THE CULTURING OF SEA ANIMALS |

THE AMERICAN BIOLOGY TEACHER

10 00 67 4


| 161. | SE 002 796 06 06 68 | 06 45 14 | 3          |
|      | 00 000 207 | MATTHEWS, WILLIAM H., III | PLANETARIUMS, OBSERVATORIES AND EARTH SCIENCE EXHIBITS |

PRENTICE-HALL, INC.

03 00 65 3


(37)
172. SE 002 291 08 24 67 17 12 37 1 06 000 238
MILNE, LORUS J. AND MILNE, MARGERY
GROWTH AND AGE - BSCS PAMPHLET #16
D. C. HEATH AND COMPANY

*ANIMAL DEVELOPMENT, *BIOLOGY, *HUMAN DEVELOPMENT, *INSTRUCTIONAL
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INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM
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173. SE 002 938 07 08 68 06 95 38 1 00 000 199
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METHODS OF OPTICAL ADAPTATION OF THE MOVIE CAMERA TO THE
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174. SE 002 620 09 18 67 06 81 33 1 00 000 010
MOLYNEUX, MARJORIE B.
CHOOSING ELEMENTARY SCIENCE EQUIPMENT
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02 00 67 2
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175. SE 002 307 09 22 67 17 12 10 2 06 000 238
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ANIMAL GROWTH AND DEVELOPMENT - BSCS LABORATORY BLOCK
D. C. HEATH AND COMPANY
04 00 65 83
*ANIMAL GROWTH, *ANIMAL DEVELOPMENT, *BIOLOGY, *INSTRUCTIONAL
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STUDY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

(40)
APPARATUS REVIEW - COMPARISON OF FRANCK-HERTZ TUBES AND APPARATUS

AMERICAN JOURNAL OF PHYSICS

RINARD, PHILLIP M.

SCIENCE EQUIPMENT LIBRARY

SCIENCE AND CHILDREN

ROBARGE, THOMAS J.

A PROGRAMMED SEQUENCE ON EXPONENTIAL NOTATION

W. H. FREEMAN AND COMPANY

A PROGRAMMED SEQUENCE ON THE SLIDE RULE

W. H. FREEMAN AND COMPANY

ROBERTS, EUGENE
172. SE 002 291 08 24 67 17 12 37 1 06 000 238
MILNE, LORUS J. AND MILNE, MARGERY
GROWTH AND AGE - BSCS PAMPHLET #16
D. C. HEATH AND COMPANY


173. SE 002 938 07 08 68 06 95 38 1 00 000 199
MOLLRING, FRIEDRICH KARL
METHODS OF OPTICAL ADAPTATION OF THE MOVIE CAMERA TO THE MICROSCOPE
Bioscience

*MICROSCOPE, *PHOTOGRAPHY, *SCIENCE EQUIPMENT, BIOLOGY, COLLEGE SCIENCE, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE

174. SE 002 620 09 18 67 06 81 33 1 00 000 010
MOLYNEUX, MARJORIE B.
CHOOSING ELEMENTARY SCIENCE EQUIPMENT

SCIENCE AND CHILDREN


175. SE 002 307 09 22 67 17 12 10 2 06 000 238
MOOG, FLORENCf
ANIMAL GROWTH AND DEVELOPMENT - BSCS LABORATORY BLOCK
D. C. HEATH AND COMPANY


(40)
MORGAN, ASHLEY G., JR.
AN INVESTIGATION AND COMPARISON OF THE VOCABULARIES, PRINCIPLES, AND OBJECTIVES OF TEXTBOOKS IN HIGH SCHOOL CHEMISTRY AND POPULAR LITERATURE
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN


MURPHY, GLENN W.
FOR CELL STUDY - NITELLA, A COMMON GREEN ALGAE
THE AMERICAN BIOLOGY TEACHER


NAFF, M. BENTON AND NAFF, ANNA S.
RECYCLIZATION APPARATUS FOR ESTERIFICATION
JOURNAL OF CHEMICAL EDUCATION


NAGLE, J. STEWART AND OTHERS
CLASSROOM IDEAS
JOURNAL OF GEOLOGICAL EDUCATION

*GEOLOGY, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, *PALEONTOLOGY, AUDIOVISUAL AIDS, EVOLUTION, IDENTIFICATION KEYS, TAXONOMY

NATIONAL SCIENCE FOUNDATION
SCIENCE COURSE IMPROVEMENT PROJECT

*COLLEGE SCIENCE, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, ANTHROPOLOGY, BIOLOGY, CHEMISTRY, ENGINEERING, EARTH SCIENCE, ELEMENTARY SCHOOL SCIENCE, LABORATORY EQUIPMENT, MATHEMATICS, METEOROLOGY, MODELS, PHYSIOLOGY, SCIENCE COURSE IMPROVEMENT PROJECT, NATIONAL SCIENCE FOUNDATION, SCIENCE TEACHING EQUIPMENT DEVELOPMENT PROGRAM, 1963
181. SE 003 956 08 14 68 17 95 15 1 00 000 165
NATIONAL SCIENCE TEACHERS ASSOCIATION
THE COMBINED BOOK EXHIBIT - A BIBLIOGRAPHY FOR THE SCIENCE TEACHER
COMBINED BOOK EXHIBIT, INC.

66 25
*ANNOTATED BIBLIOGRAPHIES, *BIBLIOGRAPHIES, *REFERENCE BOOKS,
*TEXTBOOK PUBLICATIONS, ASTRONOMY, BOTANY, BIOLOGY, CHEMISTRY,
EDUCATION, EARTH SCIENCE, ENGINEERING, GENERAL SCIENCE,
GEOGRAPHY, GEOLOGY, OCEANOLOGY, PHYSICS, TEXTBOOKS

182. SE 002 289 08 24 67 17 12 37 1 06 000 238
NEILL, WILFRED T.
BIOGEOGRAPHY - BSCS PAMPHLET #18
D. C. HEATH AND COMPANY

64 36

183. SE 003 644 07 11 68 17 81 20 2 00 000 006
NELSON, PEARL A. AND KELLEY, GAYLEN B.
THE USE OF AUDIOVISUAL MATERIALS IN ELEMENTARY SCHOOL SCIENCE

12 00 63 11
*AUDIOVISUAL INSTRUCTION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, CURRICULUM, EDUCATIONAL TRENDS, INSTRUCTION, PROBLEM SOLVING, TEACHING MACHINES, TELEvised INSTRUCTION, ELEMENTARY SCIENCE STUDY PROJECT, EDUCATIONAL SERVICES, INC., AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, NATIONAL DEFENSE EDUCATION ACT

184. SE 002 577 08 07 68 06 23 30 1 00 000 003
NEMAN, R. L.
DODECYL SODIUM SULFATE AS A REAGENT FOR THE DETECTION OF POTASSIUM

JOURNAL OF CHEMICAL EDUCATION

08 00 67 2
NEW MEXICO STATE DEPARTMENT OF EDUCATION
A TRANSITIONAL CURRICULUM GUIDE FOR MATHEMATICS IN GRADES 7 AND 8

EDRS, NATIONAL CASH REGISTER COMPANY

*CURRICULUM GUIDES, *GEOMETRY, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, ARITHMETIC, CURRICULUM, GRADE 7, GRADE 8, MEASUREMENT, STATISTICS, NEW MEXICO

NEWPORT, JOHN F.
The Distribution of Science Facts in Three Editions of an Elementary Science Series

SCIENCE EDUCATION


NEWPORT, JOHN F.
An Evaluation of Selected Series of Elementary School Science Textbooks

SCIENCE EDUCATION

*ELEMENTARY SCHOOL SCIENCE, *EVALUATION INSTRUMENTS, *INSTRUCTIONAL MATERIALS, *TEXTBOOK EVALUATION, EVALUATION TECHNIQUES, TEXTBOOKS

NEILSEN, I. R.
Method for Using Conventional X-Y Plotter in Large Classrooms

AMERICAN JOURNAL OF PHYSICS

189. NEUBERGER, HANS AND NICHOLAS, GEORGE
MANUAL OF LECTURE DEMONSTRATIONS, LABORATORY EXPERIMENTS, AND
OBSERVATIONAL EQUIPMENT FOR TEACHING ELEMENTARY METEOROLOGY
IN SCHOOLS AND COLLEGES
THE PENNSYLVANIA STATE UNIVERSITY, DEPARTMENT OF METEOROLOGY,
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*COLLEGE SCIENCE, *METEOROLOGY, *SECONDARY SCHOOL SCIENCE,
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PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PENNSYLVANIA

190. NIGRELLI, ROSS F.
METABOLITES OF THE SEA
D. C. HEATH AND COMPANY

63 35
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *MARINE BIOLOGY, *SECONDARY
SCHOOL SCIENCE, AQUATIC BIOLOGY, OCEANOLOGY, AMERICAN INSTITUTE
OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

191. NOVAK, ALFRED
BIBLIOGRAPHY - BIOCHEMISTRY
BIOSCIENCE

10 00 65 3
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SCIENCE, SECONDARY SCHOOL SCIENCE

192. NUSSBAUM, RUDI H. AND OTHERS
PRECISION HIGH-RESOLUTION MOSSBAUER SPECTROMETER
AMERICAN JOURNAL OF PHYSICS

01 00 66 8
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, *SPECTROMETER,
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193. SE 002 718  10 18 67  06 23 38  1  00 000 003
OLSEN, EUGENE D.
SIMPLE EQUIPMENT FOR AUTOMATIC POTENSIOMETRIC PH TITRATIONS
JOURNAL OF CHEMICAL EDUCATION
06 00 66  5

194. SE 002 704  06 04 68  06 23 38  1  00 000 003
OSTROFF, A. G.
CLOSED SYSTEM STIRRING APPARATUS
JOURNAL OF CHEMICAL EDUCATION
05 00 66  1
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, STIRRING APPARATUS

195. SE CO2 298  08 24 67  17 12 37  1  00 000 238
OVERMIRE, THOMAS G.
HOMEOSTATIC REGULATION – BSCS PAMPHLET #9
D. C. HEATH AND COMPANY
09 00 63  36
*BIOLOGY, *HOMEOSTASIS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

196. SE 003 571  03 04 68  06 23 30  1  00 000 003
PARDUE, HARRY L. AND OTHERS
REACTION RATE ANALYSIS AND INSTRUMENTATION – AN EXPERIMENT FOR THE ANALYTICAL LABORATORY
JOURNAL OF CHEMICAL EDUCATION
11 00 67  5

197. SE 003 979  03 21 68  06 93 38  1  00 000 002
PARKINSON, PE'ER D. S.
BASIC MONOCHROMATOR FOR INSTRUCTIONAL USE
AMERICAN JOURNAL OF PHYSICS
11 00 67  7
PATTON, J. W. AND JOHNSON, I. D.
MAGNETIC GAS CIRCULATION PUMP FOR PRESSURE REACTORS
JOURNAL OF CHEMICAL EDUCATION
08 00 67 2
*COLLEGE SCIENCE, *LABORATORY EXPERIMENTS, *LABORATORY PROCEDURES, *PHYSICS, *SCIENCE EXPERIMENTS, PUMPS, PRESSURE REACTORS, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE ACTIVITIES

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JOURNAL OF CHEMICAL EDUCATION
10 00 67 2

PESCETTI, D. AND PONTIGGIA, C.
DEMONSTRATION APPARATUS FOR DYNAMICS
AMERICAN JOURNAL OF PHYSICS
11 00 67 4

PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS
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65 686
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| D. C. HEATH AND COMPANY |
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| D. C. HEATH AND COMPANY |
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208. SE 002 556 08 07 68 06 33 30 1 00 000 002
POLLACK, S. A. AND WITTE, R. S.
APPROXIMATION NOTES - VELOCITY OF LIGHT DEMONSTRATION USING A NEW SHORT-DURATION PULSED-LIGHT SOURCE
AMERICAN JOURNAL OF PHYSICS
09 00 66 2

209. SE 002 723 04 03 68 06 95 23 1 00 000 003
POLLARD, HARVEY BRUCE
POLYETHYLENE AND PIPECLEANER MODELS OF BIOLOGICAL POLYMERS
JOURNAL OF CHEMICAL EDUCATION
06 00 66 2

210. SE 003 985 09 13 68 06 33 20 1 00 000 002
POST, RICHARD S. AND MARK, HANS
CONSTRUCTION AND OPERATION OF A SMALL ELECTROSTATIC ACCELERATOR FOR AN UNDERGRADUATE LABORATORY COURSE
AMERICAN JOURNAL OF PHYSICS
11 00 67 3

211. SE 002 287 08 24 67 17 12 37 1 06 000 238
QUICK, HORACE
ECOLOGY OF THE AFRICAN ELEPHANT - BSCS PAMPHLET #21
D. C. HEATH AND COMPANY
65 36

(48)
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<td>08 13 68</td>
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<td>ROBERTS, EUGENE</td>
<td>W. H. FREEMAN AND COMPANY</td>
</tr>
</tbody>
</table>
167. SE 002 303 08 24 67
Meyerriecks, Andrew J.
Courtship in Animals - BSCS Pamphlet # 3
D. C. Heath and Company

11 00 62 35
Of Biological Sciences, Biological Sciences Curriculum Study

168. SE 002 583 08 07 68
Midgley, Calvin P.
Sodium Silicate Test Bead Tests in Qualitative Analysis
Journal of Chemical Education

08 00 67 1
Procedures, *Science Experiments, *Science Activities, Qualitative
Analysis, Science Materials, Sodium Silicate Test Bead Tests

169. SE 003 387 08 13 68
Milgrom, Harry
Science Query of the Month
The Grade Teacher

01 00 60 1
Materials, *Instructional Aids, Films, Filmstrips, Globes, Models,
Pictures, Recordings

170. SE 003 032 02 27 68
Miller, Franklin, Jr.
Single-Concept Films in Physics
American Journal of Physics

10 00 65 7
*Audiovisual Aids, *College Science, *Instructional Materials,
*Physics, *Single Concept Films, Films, Projection Equipment

171. SE 002 209 08 24 67
Miller, J. Morton
Biology of Termites
D. C. Heath and Company

64 36
*Termites, Animals, Teacher Resource Materials, Zoology,
American Institute of Biological Sciences, Biological Sciences
Curriculum Study, Insects

(39)
220. SE 003 031 02 27 68 06 33 30 1 00 000 002
ROMER, I. CARL, JR. AND KOENTOP, PRESTON E.
TUBE METHOD FOR MEASURING THE VELOCITY OF SOUND IN GASES
AMERICAN JOURNAL OF PHYSICS
10 00 65 4
*COLLEGE SCIENCE, *MEASUREMENT, *PHYSICS, *SCIENCE EQUIPMENT,
*SCIENCE ACTIVITIES, *SOUND VELOCITY, STUDENT EXPERIMENTS

221. SE 002 186 09 06 67 17 25 20 1 00 000 021
ROPER, KEITH I. AND BROWN, STANLEY B.
CRITERIA FOR INDUSTRY SPONSORED EDUCATIONAL MATERIALS AND
SELECTED SOURCES FOR CHEMISTRY
JOURNAL OF EDUCATIONAL RESEARCH
11 00 60 6
*FREE INSTRUCTIONAL MATERIALS, CHEMISTRY, *INSTRUCTIONAL
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SCHOOL SCIENCE, TEACHER RESOURCE MATERIALS, TEACHER ATTITUDES

222. SE 003 825 09 10 68 06 33 38 1 00 000 002
RUBINSTEIN, M. AND SHTRIKMAN S.
CONVERSION OF A GRID-DIP METER INTO A VARIABLE FREQUENCY
NMR SPECTROMETER
AMERICAN JOURNAL OF PHYSICS
10 00 67 4
*COLLEGE SCIENCE, *ELECTRONICS, *PHYSICS, *SCIENCE EQUIPMENT,
*SPECTROMETERS, MATERIAL DEVELOPMENT, SCIENCE EXPERIMENTS

223. SE 003 912 04 08 68 17 15 11 2 00 000 438
RUBLAWSKY, JOHN
NATURE IN THE CITY
BASIC BOOKS, INC., NEW YORK
67 152
*BIOLOGY, *ECOLOGY, *OUTDOOR EDUCATION, *RESOURCE MATERIALS,
*URBAN ENVIRONMENT, ELEMENTARY SCHOOL SCIENCE, SECONDARY SCHOOL
SCIENCE, URBAN EDUCATION

224. SE 002 664 02 21 68 06 93 30 1 00 000 002
RUBY, LAWRENCE
DEMONSTRATION OF THE BUILDUP AND DECAY OF RADIOACTIVITY
AMERICAN JOURNAL OF PHYSICS
03 00 66 3
ACTIVITIES, *SCIENCE EQUIPMENT, NUCLEAR SCIENCE, RADIOACTIVE
DECAY

(51)
28. **SE 002 297 08 24 67**
**17 12 37**
1
**06 000 238**

**BOOLCOTTAN, RICHARD A.**

**Biology of Coral Atolls - BSCS Pamphlet #10**

D. C. Heath and Company

63 36


29. **SE 002 624 03 06 68**
**17 33 07**
1
**00 000 002**

**BORK, ALFRED M.**

**Quantum-Mechanical Harmonic Oscillator (a Computer-Produced Film)**

American Journal of Physics

06 00 66 5


30. **SE 002 547 09 10 63**
**06 33 30**
1
**00 300 002**

**BOYER, ROBERT A.**

**Acoustical Interferometer for "Open-Ended" Laboratory Experiments**

American Journal of Physics

10 00 66 4


31. **SE 003 385 08 07 68**
**06 81 20**
1
**00 000 014**

**BRANLEY, FRANKLYN M.**

**A Curiosity Box**

The Grade Teacher

11 00 59 1


32. **SE 002 252 07 12 68**
**17 12 20**
2
**00 000 078**

**BRIERLEY, J. K.**

**The Biological Sciences Curriculum Study Publications**

Science

02 00 64 3


(7)
225. SE 002 734 04 03 68 06 95 38 1 00 000 003
RUCHELMAN, MARYON W.
ZEMLN EXTRACTION FOR THIN-LAYER CHROMATOGRAPHY
JOURNAL OF CHEMICAL EDUCATION
02 00 67 1

226. SE 002 680 02 21 68 18 25 30 1 00 000 003
RUDMAN, REUBEN
LABORATORY EXPERIMENTS IN LOW-TEMPERATURE X-RAY DIFFRACTION
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