APPENDIX G

Publications Resulting From National Science Foundation Grants
Fiscal Year 1957

This bibliography of some 850 items lists all grantee papers for which the Foundation received publication information during fiscal year 1957. Notification of publication usually was in the form of a reprint or copy of the grantee's paper or book. Approximately 190 grantee institutions are represented. Because of time-lags between completion of research and publication of results, much of the experimentation covered by these papers was carried on prior to fiscal year 1957, while the results of a great deal of fiscal year 1957 research will be reported in papers appearing in later lists.

The arrangement of entries is designed to facilitate reference use of the compilation. Items are grouped by National Science Foundation divisions or offices, by programs within each division, and alphabetically by grantee institution within each program. The table of contents lists the divisions and subject programs under which research grants are made.

Division of Biological and Medical Sciences

Anthropological and Related Sciences

HARVARD UNIVERSITY, G. R. WILLEY

UNIVERSITY OF OREGON, L. S. CRESSMAN

WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH, INC., W. L. THOMAS, Jr.

Developmental Biology

BROWN UNIVERSITY, P. B. WEIZS


UNIVERSITY OF CALIFORNIA, BERKELEY, R. Y. STANIER


Sistrom, W. R., Mary Griffiths, and R. Y. Stanier. The Biology of a Photosynthetic Bacterium Which
Developmental Biology—Continued


University of Chicago, S. L. Washburn


Grinnell College, G. Mendoza


Marquette University, J. W. Saunders, Jr.


University of Michigan, N. E. Kemp


University of Pennsylvania, C. E. Wilde, Jr.


Rice Institute, R. V. Talmage, and A. C. Enders


St. Ambrose College, W. F. Lynch


Society for the Study of Development, V. C. Twitty


University of Tennessee, R. C. Fraser


Texas Agricultural Experiment Station, J. N. Weaver


University of Virginia, M. S. McKeehan

McKeehan, Morris S. The Relative Ribonucleic Acid Content of Lens
Developmental Biology—Continued

University of Washington, Seattle,
W. S. Hsu


University of Wisconsin, K. B. Raper


University of Wyoming, C. S. Thornton

Yale University, J. F. Trinckaus

Environmental Biology
American Geographical Society, C. J. Heusser

American Museum of Natural History, C. M. Breder, Jr.


Carleton College, J. B. Guyelman

Dartmouth College, F. H. Bormann

Duke University, P. J. Kramer

State University of Iowa, G. E. Folk, Jr.

University of Miami, H. B. Moore

New Mexico Highlands University, L. M. Shields
Shields, Lora Mangum. Zonation of Vegetation within the Tularosa
Environmental Biology—Continued


University of New Mexico, C. C. Hoff

Stanford University, W. C. Brown


University of Virginia, Bruce D. Reynolds


Woods Hole Oceanographic Institution, G. L. Clarke

Genetic Biology

Columbia University, S. M. Gartler

Emory University, C. Ray, Jr.

Genetic Biology—Continued

JOHNS HOPKINS UNIVERSITY, C. P. SWANSON


LONG ISLAND BIOLOGICAL ASSOCIATION


UNIVERSITY OF MARYLAND, D. T. MORGAN, JR., AND R. D. RAPPLEYE


UNIVERSITY OF MICHIGAN, D. L. NANNEY NANNY


UNIVERSITY OF MINNESOTA, J. G. GALL

Gall, Joseph G. Small Granules in the Amphibian Oocyte Nucleus and Their Relationship to RNA. Journal of Biophysical and Biochemical Cytology, 2: 393-396 (July 1956).

UNIVERSITY OF MISSOURI, E. R. SEARS, A. C. FABERGE, AND E. NOVITSKI


UNIVERSITY OF NORTH CAROLINA, D. U. GERSTEL


UNIVERSITY OF PENNSYLVANIA, JOHN R. FREER, JR.


RANCHO SANTA ANA BOTANICAL GARDEN, V. GRANT


ROCKY MOUNTAIN BIOLOGICAL LABORATORY, E. NOVITSKI


Division of Biological and Medical Sciences—Continued

Genetic Biology—Continued

UNIVERSITY OF TEXAS, W. F. BLAIR


WASHINGTON UNIVERSITY, ST. LOUIS, Mo., H. L. CARSON AND H. D. STALKER


UNIVERSITY OF WASHINGTON, SEATTLE, W. SIANG-HSU

WESLEYAN UNIVERSITY, J. LEDERBERG


WESTERN RESERVE UNIVERSITY, C. YANOFSKY


YALE UNIVERSITY, H. P. PAPAIZAN

Molecular Biology

L. BLOCH-FRANKENTHAL

CALIFORNIA INSTITUTE OF TECHNOLOGY, R. B. COREY

M. DELBRÜCK
Molecular Biology—Continued


UNIVERSITY OF CALIFORNIA, BERKELEY, G. MACKINNEY


UNIVERSITY OF CALIFORNIA, DAVIS, A. L. BLACK


UNIVERSITY OF CALIFORNIA, LOS ANGELES, D. E. ATKINSON


UNIVERSITY OF SOUTHERN CALIFORNIA, P. D. SALTMAN


UNIVERSITY OF CHICAGO, B. VENNESLAND

**Molecular Biology—Continued**


**Children's Hospital of Pennsylvania, F. Karush**


**Columbia University, E. A. Kabat**


**Columbia University, S. Lieberman**


**Connecticut Agricultural Experiment Station, H. B. Vickery**


**Cornell University, H. A. Scheraga**


**Duke University, G. W. Schwert**


**Duquesne University, N. C. Li**

**Molecular Biology—Continued**


Fordham University, F. F. Nord


Harvard University, L. F. Fieser


Harvard University, J. M. Watson

Harvard University, F. H. Westheimer


University of Illinois, L. M. Black

University of Illinois, E. Juni
Juni, Elliot, and Gloria A. Heym. A Cyclic Pathway for the Bacterial Dissimilation of 2,3-Butanediol, Acetyl methylcarbinol and Diacetyl. II. The Synthesis of Diacetyl...
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Molecular Biology—Continued


University of Illinois, J. Larner


University of Illinois, W. A. Wood

Iowa State College of Agricultural and Mechanical Arts


State University of Iowa, C. Tanford


Johns Hopkins University, V. G. Dethier


Johns Hopkins University, A. L. Lehninger

Cooper, Cecil, and Albert L. Lehninger. Oxidative Phosphorylation by an Enzyme Complex from Extracts of Mitochondria. V. The Adenosine Triphosphate-Phosphate Exchange
Molecular Biology—Continued


Marine Biological Laboratory, R. Benesch


Marine Biological Laboratory, Albert Szent-Györgyi


Michigan State University, R. S. Bandurski


University of Michigan, M. J. Coon


Molecular Biology—Continued


Molecular Biology—Continued

UNIVERSITY OF PITTSBURGH, K. HOFMANN

UNIVERSITY OF PITTSBURGH, M. A. LAUFFER

PRINCETON UNIVERSITY, A. M. CHASE

PURDUE RESEARCH FOUNDATION, S. BENZER

PURDUE RESEARCH FOUNDATION, J. F. FOSTER

REED COLLEGE, H. A. STAFFORD

RUTGERS UNIVERSITY, M. HEIDELBERGER

STANFORD UNIVERSITY, L. R. BLINKS


UNIVERSITY OF TENNESSEE, R. E. KOEPPE

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, R. REISER

TUFTS UNIVERSITY, E. HEINZ

TUFTS UNIVERSITY, A. MEISTER
Otani, Theodore T., and Alton Meister. \( \omega \)-Amide and \( \omega \)-Amino Acid Derivatives of \( \omega \)-Ketoglutaric and Oxalacetic Acids. Journal of Bio-
Molecular Biology—Continued


VANDERBILT UNIVERSITY, O. TOUSTER
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WASHINGTON UNIVERSITY, ST. LOUIS, MO., M. COHN

WESTERN RESERVE UNIVERSITY, H. Z. SABLE

UNIVERSITY OF WISCONSIN, II. BEINERT


WOODS HOLE OCEANOGRAPHIC INSTITUTION, F. A. RICHARDS AND B. H. KETCHUM

YALE UNIVERSITY, G. EVELYN HUTCHINSON


YESHIVA UNIVERSITY, J. WITTEMBERG
Division of Biological and Medical Sciences—Continued

Psychobiology

**BOSTON UNIVERSITY, J. M. HARRISON**


**UNIVERSITY OF SOUTHERN CALIFORNIA, W. W. GRINGS**


**HARVARD UNIVERSITY, P. TEITELBAUM**


**STATE UNIVERSITY OF IOWA, D. LEWIS**


**JOHNS HOPKINS UNIVERSITY, E. F. MACNICHOL**


**UNIVERSITY OF KANSAS, C. D. MICHENER**


**MONTANA STATE COLLEGE, J. E. CONKLIN**


**NEW YORK UNIVERSITY, H. H. KENDLER AND T. S. KENDLER**


**NORTHWESTERN UNIVERSITY, C. P. DUNCAN AND DONALD J. LEWIS**

PSYCHOBIOLOGY—Continued

Pennsylvania State University, J. F. Corso


University of Pennsylvania, J. H. Grosslight


Princeton University, H. Gulliksen


Princeton University, W. M. Smith


Western Reserve University, J. H. Brueell and G. W. Albee


Municipal University of Wichita, N. H. Pronko


University of Wisconsin, K. U. Smith

Psychobiology—Continued


University of Wyoming, M. Altmann


Yale University, F. A. Logan


Yale University, H. E. Rosvold


Regulatory Biology

California Institute of Technology, A. W. Galston


University of California, Berkeley, L. Machlis


University of California, Berkeley, P. K. Stumpf


University of California, Los Angeles, T. H. Bullock


University of California, Los Angeles, C. H. Sawyer


Division of Biological and Medical Sciences—Continued

Regulatory Biology—Continued

University of Chicago, I. Veith

Columbia University, E. Chargaff


Columbia University, H. Elftman


Columbia University, H. Grundfest


Columbia University, B. C. Seegal

Cornell University, D. B. Melville

Emory University, C. G. Goodchild

Harvard University, L. R. Cleveland


Harvard University, K. V. Thimann

Nitsch, J. P. Methods for the Investigation of Natural Auxins and
Regulatory Biology—Continued


Haurowitz, Felix, and Jack Horowitz. Condensation of γ-Glutamyl
Regulatory Biology—Continued


INSTITUT NATIONAL D'HYGIENE, A. L. COPLEY


INSTITUTE FOR CANCER RESEARCH, SIDNEY WEINHOUSE


STATE UNIVERSITY OF IOWA, E. WITSCHI


JEFFERSON MEDICAL COLLEGE OF PHILADELPHIA, B. W. KOFT

Regulatory Biology—Continued

JOHNS HOPKINS UNIVERSITY, A. T. JAGENDORF


KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, B. S. MILLER AND J. A. JOHNSON


MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING, A. LEAF


UNIVERSITY OF MINNESOTA, P. D. BOYER


UNIVERSITY OF MINNESOTA, WILLIAM F. MALONEY


NEW ENGLAND DEACONESS HOSPITAL, N. NICHOLS

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NEW YORK MEDICAL COLLEGE, C. NEUBERG


NEW YORK UNIVERSITY, A. S. GORDON


OREGON STATE COLLEGE, V. H. CHELDIN


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Division of Biological and Medical Sciences—Continued

Regulatory Biology—Continued


University of Pennsylvania, J. R. Brobeck


Purdue Research Foundation, H. Beevers


University of Rochester, E. F. Adolph


Rutgers University, W. Braun


St. John's University, D. M. Lilly


Regulatory Biology—Continued

SYRACUSE UNIVERSITY, B. S. STRAUSS

UNIVERSITY OF TENNESSEE, D. F. HOLT

UNIVERSITY OF TEXAS, J. MEYERS

VANDERBILT UNIVERSITY, F. R. BLOOD

WABASH COLLEGE, W. H. JOHNSON

STATE COLLEGE OF WASHINGTON, R. E. HUNGATE


WASHINGTON UNIVERSITY, ST. LOUIS, MO., R. K. CRANE

WASHINGTON UNIVERSITY, ST. LOUIS, MO., O. H. LOWRY

Regulatory Biology—Continued

WASHINGTON UNIVERSITY, St. Louis, Mo., M. COHN

WEST VIRGINIA UNIVERSITY, H. L. BARNETT


WESTERN RESERVE UNIVERSITY, M. N. MACINTYRE

WESTERN RESERVE UNIVERSITY, E. W. SUTHERLAND

UNIVERSITY OF WISCONSIN, G. W. KEITT


UNIVERSITY OF WISCONSIN, J. T. MEDLER AND S. D. BECK.

WOODS HOLE OCEANOGRAPHIC INSTITUTION, P. F. SCHOLANDER


Scholander, P. F., L. van Dam, and Theodore Enns. Secretion of Inert
Regulatory Biology—Continued


Worcester Foundation for Experimental Biology, R. I. Dorfman


Yale University, M. Foster.
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Yale University, G. E. Pickford
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Academy of Natural Sciences of Philadelphia, J. A. G. Rehn


Allegheny College, R. E. Bugbee


Bernice P. Bishop Museum, J. L. Gressitt
Division of Biological and Medical Sciences—Continued

Systematic Biology—Continued


UNIVERSITY OF SOUTHERN CALIFORNIA, J. S. GARTH


COLORADO AGRICULTURAL AND MECHANICAL COLLEGE, T. A. WOOLLEY


DUKE UNIVERSITY, L. E. ANDERSON


DUKE UNIVERSITY, T. W. JOHNSON, JR.


DUKE UNIVERSITY, R. M. SCHUSTER


UNIVERSITY OF FLORIDA, P. H. ALLEN

UNIVERSITY OF FLORIDA, J. C. DICKINSON, Jr.


F. HARPER


UNIVERSITY OF HAWAII, A. H. BANNER
Systematic Biology—Continued


University of Illinois, P. C. Silva

University of Kansas, E. R. Hall


Systematic Biology—Continued


Stains, Howard J. A New Bat (Genus Leptonycteris) from Coahuila. University of Kansas Publica-
Division of Biological and Medical Sciences—Continued

Systematic Biology—Continued


New York Zoological Society, J. Crane

North Carolina State College of Agriculture and Engineering, C. F. Smith

Pomona College, L. Benson

Roosevelt College, C. H. Seevers


Smithsonian Institution, J. Cuatrecasas


Smithsonian Institution, F. A. McClure

Smithsonian Institution, A. C. Smith


South Dakota School of Mines and Technology, J. R. Macdonald


Swarthmore College, N. A. Weber


University of Tennessee, A. J. Sharp

Sharp, A. J. Preliminary Keys to the Genera and Species of Tennessee
Systematic Biology—Continued


University of Texas, C. Hubbs


Tulane University, G. H. Penn

Tulane University, E. P. Volpe


University of Utah, S. D. Durrant


State College of Washington, G. W. Fischer


State College of Washington, K. E. Frick
Astronomy

UNIVERSITY OF CALIFORNIA, BERKELEY, MERLE WALKER


UNIVERSITY OF CHICAGO, W. A. HILTNER


DOMINION ASTRO-PHYSICAL OBSERVATORY VICTORIA, BRITISH COLUMBIA, CANADA. R. M. PETRIE


HARVARD UNIVERSITY, B. J. BOK AND H. I. EWEN

Bok, Bart J. The George R. Agassiz Radio Telescope at Harvard Observa-

Haverford College, L. C. Green


University of Illinois, G. C. McVittie


University of Kansas, H. G. Horak


University of Michigan, L. H. Aller


Division of Mathematical, Physical, and Engineering Sciences—Continued

Astronomy—Continued


Ohio State University, P. C. KEENAN

Ohio State University, John D. KRAUS


Ohio State University, Arne Slettebak

Princeton University, M. Schwarzschild


University of Wisconsin, A. E. Whitford

Yale University, R. Wildt


Chemistry

University of Arkansas, E. S. Amis


University of Arkansas, T. C. Hoering

Boston University, N. N. Lichtin
Lichtin, Norman N., and Michael J. Vignale. Ionization and Dissociation. Equilibria in Liquid Sulfur
Division of Mathematical, Physical, and Engineering Sciences—Continued

Chemistry—Continued

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UNIVERSITY OF CALIFORNIA, BERKELEY,
W. F. GIAUQUE


UNIVERSITY OF CALIFORNIA, BERKELEY,
J. N. PITTS, JR.

UNIVERSITY OF CALIFORNIA, DAVIS, T. L. ALLEN


UNIVERSITY OF CALIFORNIA, DAVIS, L. J. ANDREWS AND R. M. KEEFER


UNIVERSITY OF CALIFORNIA, LOS ANGELES, W. G. YOUNG

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<th>Institution</th>
<th>Authors</th>
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Division of Mathematical, Physical, and Engineering Sciences—Continued

Chemistry—Continued


Duquesne University, K. C. Schreiber


Florida State University, E. Grunwald


Florida State University, W. Herz


Fordham University, C. F. Ferraro and T. S. Laszlo


Georgia Institute of Technology, J. Hine

Harvard University, G. B. Kistiakowsky

Harvard University, F. C. Uhle

Division of Mathematical, Physical, and Engineering Sciences—Continued

Chemistry—Continued

ILLINOIS INSTITUTE OF TECHNOLOGY, S. E. Wood

UNIVERSITY OF ILLINOIS, J. C. Bailar, Jr.


INDIANA UNIVERSITY, V. J. Shiner, Jr.


UNIVERSITY OF LOUISVILLE, J. P. Phillips


UNIVERSITY OF LOUISVILLE, R. H. Wiley


Division of Mathematical, Physical, and Engineering Sciences—Continued

Chemistry—Continued


LOYOLA UNIVERSITY, J. L. HUSTON


UNIVERSITY OF MAINE, R. DUNLAP

MILLIKIN UNIVERSITY, C. WEATHERBEE

UNIVERSITY OF MINNESOTA, I. M. KOLTHOFF

UNIVERSITY OF NEBRASKA, N. H. CROMWELL


STATE UNIVERSITY OF NEW YORK, M. SZWARC


Buckley, R. P., and M. Szwarc. Methyl Affinities of Ethylene, Tetrafluoromethylene and Tetrachloroethy-
Division of Mathematical, Physical, and Engineering Sciences—Continued

Chemistry—Continued


NORTHWESTERN UNIVERSITY, FRED BASOLO


NORTHWESTERN UNIVERSITY, A. A. FROST


PENNSYLVANIA STATE UNIVERSITY, J. G. ASTON AND J. EISENSTEIN


PENNSYLVANIA STATE UNIVERSITY, N. C. DENO


PRINCETON UNIVERSITY, E. C. TAYLOR, JR.

Division of Mathematical, Physical, and Engineering Sciences—Continued

**Purdue Research Foundation, R. A. Benkeser**


**Purdue Research Foundation, H. C. Brown**


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**Texas Southern University, R. F. Wilson**


**Tulane University, Joseph H. Boyer**


**University of Utah, H. Eyring**

Eyring, H., R. S. Barker, and R. L. Snow. Energy Calculations of
Division of Mathematical, Physical, and Engineering Sciences—Continued

Chemistry—Continued


University of Vermont, C. D. Cook.

University of Virginia, L. G. Helper.

Brigham Young University, J. R. Goates


Washington University, St. Louis, Mo., A. C. Wahl

University of Washington, Seattle, D. F. Eggers, Jr.

Wayne University, C. Djerassi

University of Wisconsin, C. F. Curtiss

University of Wisconsin, W. S. Johnson


Yale University, L. Onsager

Division of Mathematical, Physical, and Engineering Sciences—Continued

Earth Sciences

University of California, Los Angeles, J. Kaplan

University of California, Los Angeles, F. J. Turner

Carnegie Institute of Washington

Columbia University, D. B. Ericson


Johns Hopkins University, R. B. Montgomery


Massachusetts Institute of Technology, M. J. Buerger


Paleontological Research Institution, J. D. McLean, Jr.

Pennsylvania State University, R. Roy


Washington University, St. Louis, Mo., H. N. Andrews, Jr.

University of Washington, Seattle, T. J. Chow and T. G. Thompson
NATIONAL SCIENCE FOUNDATION

Division of Mathematical, Physical, and Engineering Sciences—Continued

Earth Sciences—Continued

WEST VIRGINIA UNIVERSITY, MILTON HEALD

Engineering

UNIVERSITY OF CALIFORNIA, BERKELEY, E. G. THOMSEN

UNIVERSITY OF ILLINOIS, J. W. WESTWATER


STANFORD UNIVERSITY, KARL KLOTTER

STEVENS INSTITUTE OF TECHNOLOGY, S. F. BORG

Mathematics

ALABAMA POLYTECHNIC INSTITUTE, H. WANG

AMERICAN MATHEMATICAL SOCIETY


BROWN UNIVERSITY, H. FEDERER AND W. S. MASSEY

BROWN UNIVERSITY, BJARNI JÓNSSON

UNIVERSITY OF CALIFORNIA, BERKELEY, J. G. VAN DER CORPUT


Division of Mathematical, Physical, and Engineering Sciences—Continued

Mathematics—Continued

University of Southern California, L. A. Henkin


Carnegie Institute of Technology, A. Schild


University of Chicago, P. R. Halmos


University of Chicago, S. MacLane and S. S. Chern


University of Chicago, A. Weil


University of Connecticut, R. D. Schafer


Dartmouth College, J. G. Kemeny

Division of Mathematical, Physical, and Engineering Sciences—Continued

Mathematics—Continued

University of Georgia, M. K. Fort, Jr.


Haverford College, R. C. James

University of Illinois, A. H. Taub

University of Illinois, C. T. Yang


Indiana University, V. Hlavatý, E. Hopp, and J. W. Youngs.

Institute for Advanced Study, S. Chern


Institute for Advanced Study, L. Ehrenpreis


Institute for Advanced Study, Irving Segal


Johns Hopkins University, W. Chow

Kentucky Research Foundation, V. F. Cowling
Division of Mathematical, Physical, and Engineering Sciences—Continued

Mathematics—Continued


Kenyon College, O. M. Nikodym

University of Michigan, Wilfred Kaplan


University of Michigan, L. Tornheim

Morgan State College, L. I. Mishoe

Northwestern University, R. P. Boas, Jr.

Northwestern University, K. Fan, J. Jenkins, and W. Seidel


Northwestern University, A. Rosenberg and Zelinsky
### Mathematics—Continued

<table>
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<tr>
<th>Author</th>
<th>Title</th>
<th>Journal/Volume/Publication Details</th>
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<tr>
<td>Gillman, Leonard.</td>
<td>On a Theorem of Mahlo Concerning Anti-Homo-</td>
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<td>Putnam, C. R. Necessary and Sufficient Conditions for the Existence</td>
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Division of Mathematical, Physical, and Engineering Sciences—Continued

Mathematics—Continued


QUEENS COLLEGE, L. ZIPPIN


UNIVERSITY OF ROCHESTER, M. E. RUDIN

UNIVERSITY OF TEXAS, H. S. VANDIVER


TULANE UNIVERSITY, A. D. WALLACE


Division of Mathematical, Physical, and Engineering Sciences—Continued

Mathematics—Continued


University of Washington, Seattle, E. Hewitt and F. H. Brownell


University of Wisconsin, R. H. Bing


University of Wisconsin, L. C. Young


Physics

Antioch College, G. E. Owen and A. B. Stewart


University of Arkansas, B. L. Robinson and R. W. Fink


Bowdoin College, M. A. Jeppesen


Brown University, P. J. Bray


Brown University, H. E. Farnsworth


University of California, Berkeley, C. Kittel

Division of Mathematical, Physical, and Engineering Sciences—Continued

Physics—Continued


Columbia University, G. G. Harris Harris, G., J. Orear, and S. Taylor. Heavy Meson Fluxes at the Cosmo-
Division of Mathematical, Physical, and Engineering Sciences—Continued

Physics—Continued


State University of Iowa, J. M. Jauch

Johns Hopkins University, H. Meissner

Louisiana State University, J. S. Levinger

Massachusetts Institute of Technology, G. R. Harrison

University of Missouri, A. R. Lauffer

University of Pennsylvania, W. E. Stephens

University of Pittsburgh, T. M. Donahue

Rice Institute, C. F. Squire


Vanderbilt University, I. Bloch

University of Virginia, J. W. Beams
University of Wyoming, F. J. Bueche  

Yale University, C. T. Lane  


Rubber Research

University of Illinois  


University of Minnesota  

Conferences and General

California Institute of Technology,  
F. C. Linndall and G. G. Brown  

University of California, Berkeley  

University of Chicago  

University of Maryland  
Division of Mathematical, Physical, and Engineering Sciences—Continued

Conferences and General—Continued


National Academy of Sciences


University of Wisconsin, M. Clagett


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Massachusetts Institute of Technology, V. H. Yngve


National Academy of Sciences-National Research Council


Smithsonian Institution, T. E. Snyder