

Lawrence Berkeley National Laboratory

Recent Work

Title

NEW LRL REPRINTS JULY - DECEMBER 1967

Permalink

<https://escholarship.org/uc/item/6z0428x1>

Author

Lawrence Berkeley National Laboratory

Publication Date

1968-06-01

cy. 2

University of California
Ernest O. Lawrence
Radiation Laboratory

TWO-WEEK LOAN COPY

*This is a Library Circulating Copy
which may be borrowed for two weeks.
For a personal retention copy, call
Tech. Info. Division, Ext. 5545*

NEW LRL REPRINTS
(July through December 1967)

June 1968

RECEIVED
LAWRENCE
RADIATION LABORATORY

JUL 16 1968

LIBRARY AND
DOCUMENTS SECTION

Berkeley, California

UCRL-18308
cy. 2

DISCLAIMER

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor the Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or the Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof or the Regents of the University of California.

UNIVERSITY OF CALIFORNIA
Lawrence Radiation Laboratory
Berkeley, California
AEC Contract No. W-7405-eng-48

NEW LRL REPRINTS
(July through December 1967)

June 1968

INTRODUCTION

Section I, beginning on page 1, is the index of authors in alphabetical order.

Section II, beginning on page 15, is a subject index. An IBM-1401 computer determines appropriate keywords (index entries) from the reprint title. The keywords are alphabetized and listed on the left-hand side of the page. Following each index entry is the complete title from which it was extracted. Numbers listed on the right refer to reprint numbers listed (on the left) in Section III, where the complete citation can be found.

Section III, beginning on page 37, contains a numerical listing of all reprints added to the collection between July and December, 1967.

In asking for reprints, please refer any request to the first author of the citation, stating title and journal citation.

SECTION I. AUTHOR INDEX

- ACKERMAN, MARGARET
PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE
CHLORIDE. J. OF PHYSICAL CHEM. 71, 3350-3352 (1967).
ACKERMAN, MARGARET LEMMON, RICHARD M.
1967-292 (UCRL-17459)*
- ALY, HESHAM F.
VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIDE SEPARATIONS.
JOURNAL OF INORGANIC AND NUCLEAR CHEMISTRY 29, 2041-2045 (1967).
ALY, HESHAM F. LATIMER, ROBERT M.
1967-300 (UCRL-17409)*
- ANDREWS, C. FREDERICK
AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF
NOVEMBER 12, 1966. THE ASTROPHYSICAL JOURNAL 150, 299-301 (OCT.
1967).
CONWAY, JOHN G. MORRIS, WILLIAM F.
ANDREWS, C. FREDERICK
1967-274 (UCRL-17506)*
- ANGER, HAL O.
DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND
RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE. BLOOD 30,
NO. 3, 364-374 (SEPTEMBER 1967).
VAN DYKE, DONALD SHKURKIN, CAROL
PRICE, DAVID C. YANO, YUKIO
ANGER, HAL O.
1967-245
- ARBAB, FARZAM
AMBIGUITIES IN THE PHENOMENOLOGICAL DETERMINATION OF REGGE-POLE
PARAMETERS. PHYSICAL REVIEW 158 NO. 5, 1515-1521 (JUNE 25, 1967).
ARBAB, FARZAM BALI, NAREN F.
DASH, JON
1967-259 (UCRL-17325)*
- ARNOLD, JAMES S.
CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT.
CANCER RESEARCH 27, PART 1, 1341-1347 (AUGUST 1967).
DURBIN, PATRICIA W. JEUNG, NYLAN
WILLIAMS, MARILYN H. ARNOLD, JAMES S.
1967-268
- ASARO, FRANK
NUCLEAR SPECTROSCOPIC STUDIES OF FERMIUM-257. PHYSICAL REVIEW
158, NO. 4, 1073-1077 (JUNE 20, 1967).
ASARO, FRANK PERLMAN, ISADORE
1967-238 (UCRL-16738)*
- AYERS, DAVID S.
PION-ANTIPION LIFETIME COMPARISON. PHYSICAL LETTERS 248, NO. 9,
483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-191 (UCRL-17417)*
- AYERS, DAVID S.
COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES. PHYSICAL REVIEW
157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-224 (UCRL-17193)*
- BAKER, RAYMOND M.
UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN
UV-SENSITIVE HOST CELLS. RADIATION RESEARCH 31, NO. 3, 3 (JULY
1967).
BAKER, RAYMOND M. HAYNES, ROBERT H.
FREIFELDER, DAVID M.
1967-263
- BALI, NAREN F.
AMBIGUITIES IN THE PHENOMENOLOGICAL DETERMINATION OF REGGE-POLE
PARAMETERS. PHYSICAL REVIEW 158 NO. 5, 1515-1521 (JUNE 25, 1967).
ARBAB, FARZAM BALI, NAREN F.
DASH, JON
1967-259 (UCRL-17325)*
- BALI, NAREN F.
ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.
PHYS. REV. 161, NO. 5, 1459-1463 (SEPT. 25, 1967).
BALI, NAREN F. BALL, JAMES S.
CHEW, GEOFFREY F. PIGNOTTI, ALBERTO
1967-311 (UCRL-17491)*
- BALI, NAREN F.
REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS. PHYS. REV. 161,
NO. 5, 1450-1458 (SEPT. 25, 1967).
BALI, NAREN F. CHU, SHU-YUAN
HAYMAKER, RICHARD W. TAN, CHUNG-I
1967-312 (UCRL-17475)*
- BALI, NAREN F.
MULTIPLE PRODUCTION THEORY VIA TOLLER VARIABLES. PHYS. REV.
LETTERS 19, NO. 10, 614-618 (SEPT. 4, 1967).
BALI, NAREN F. CHEW, GEOFFREY F.
PIGNOTTI, ALBERTO
1967-332 (UCRL-17638)*
- BALL, GORDON C.
NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS
IN MASS 14. PHYSICAL REVIEW 155, NO. 4, 1170-1176 (MARCH 20,
1967).
BALL, GORDON C. CERNY, JOSEPH
1967-175 (UCRL-17038)*
- BALL, JAMES S.
ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.
PHYS. REV. 161, NO. 5, 1459-1463 (SEPT. 25, 1967).
BALI, NAREN F. BALL, JAMES S.
CHEW, GEOFFREY F. PIGNOTTI, ALBERTO
1967-311 (UCRL-17491)*
- BANSAL, BRIJ M.
THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF
CURIUM+III(AQ) AND CURIUM CHLORIDE(C). JOURNAL OF INORGANIC AND
NUCLEAR CHEMISTRY 29, 2097-2098 (1967).
WALLMANN, JAMES C. FUGER, JEAN
HAUG, HERMANN MAREI, SAYED A.
BANSAL, BRIJ M.
1967-299 (UCRL-16468)*
- BARKAS, WALTER H.
NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN
EMULSION. PHYSICAL REVIEW 156, NO. 5, 1464-1474 (APRIL 25,
1967).
YOUNG, POH-SHIEN OSBORNE, W. Z.
BARKAS, WALTER H.
1967-199 (UCRL-16973)*
- BEDER, DOUGLAS S.
FIXED-U SUM RULES IN PION-NUCLEON SCATTERING. PHYSICAL REVIEW
160, NO. 5, 1363-1365 (AUGUST 25, 1967).
BEDER, DOUGLAS S. FINKLESTEIN, JEROME
1967-308 (UCRL-17407)*
- BELL, WALTER L.
SOME INVESTIGATIONS OF PRECIPITATION. SIXTH INTERN. CONGRESS FOR
ELECTRON MICROSCOPY, KYOTO (1966), PP. 389-390.
THOMAS, GARETH LEVINE, ERNEST N.
BELL, WALTER L.
1967-170 (UCRL-16852)*
- BENECKE, MARK
EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50, NO. 7, 365-368 (JULY,
1967).
BENECKE, MARK OLSON, NORMAN
PASK, JOSEPH
1967-248 (UCRL-16368)*
- BERGKVIST, KARL-ERIK
DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2
MAGNETIC FIELD AT HIGH RESOLUTION. NUCLEAR INSTRUMENTS AND
METHODS 53, 25-28 (1967).
BERGKVIST, KARL-ERIK HOLLANDER, JACK M.
1967-294 (UCRL-17338)*
- BERKNER, KLAUS H.
CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN,
HELIUM, NITROGEN, AND ARGON. PHYSICAL REVIEW 158, NO. 1, 85-92
(JUNE 5, 1967).
WELSH, LELAND M. BERKNER, KLAUS H.
KAPLAN, SELIG N. PYLE, ROBERT V.
1967-231 (UCRL-16765 REV.)*
- BERNHAL, FREDERICK M.
NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS
IN THE DECAY OF LUTECIUM-177M. NUCLEAR PHYSICS A94, 337-350
(1967).
HAVERFIELD, ARTHUR J. BERNTHAL, FREDERICK M.
HOLLANDER, JACK M.
1967-184 (UCRL-16862)*
- BERNTHAL, FREDERICK
INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION-
PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN
HAFNIUM-177. NUCLEAR PHYSICS A101, 513-526 (1967).
BERNTHAL, FREDERICK RASMUSSEN, JOHN O.
1967-325 (UCRL-17504)*
- BICHSEL, HANS
HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN
10 AND 20 MEV. PHYS. REV. LETTERS 19, NO. 12, 704-705 (SEPT. 18,
1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
BICHSEL, HANS TIVOL, WILLIAM F.
1967-333 (UCRL-17669)*
- BLAND, ROGER W.
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.
PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDBABER, GERSON
GOLDBABER, SULAMITH SEEGER, VICTOR H.
TRILLING, GEORGE H.
1967-212 (UCRL-17432)*
- BORN, JAMES L.
PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND
ACROMEGALIC PATIENTS. J. OF CLINICAL ENDOCRINOLOGY AND
METABOLISM 27, NO. 10, 1395-1402 (OCT. 1967).
GARCIA, JOSEPH F. LINFOOT, JOHN A.
MANOUGIAN, EDWARD BORN, JAMES L.
LAWRENCE, JOHN H.
1967-317
- BOSCHITZ, E.
CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV. PHYSICAL REVIEW
155, NO. 4, 1054-1061 (MARCH 20, 1967).
PUGH, G. HENDRIE, DAVID L.
CHABRE, MARC BOSCHITZ, E.
MCARTHUR, I. E.
1967-180 (UCRL-16913)*
- BOWLER, MICHAEL G.
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.
PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDBABER, GERSON
GOLDBABER, SULAMITH SEEGER, VICTOR H.
TRILLING, GEORGE H.
1967-212 (UCRL-17432)*

- BOWMAN, HARRY R.
MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.
REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 905-909 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O.
BOWMAN, HARRY R. THOMPSON, STANLEY G.
1967-230 (UCRL-17358)*
- BOWMAN, HARRY R.
K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION
PRODUCTS. PHYS. REV. 162, NO. 4, 1169-1174 (OCT. 20, 1967).
WATSON, RAND L. BOWMAN, HARRY R.
THOMPSON, STANLEY G.
1967-320 (UCRL-17518)*
- BOYLAN, DAVID B.
VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I. J. OF THE AMERICAN
CHEMICAL SOCIETY 89, 5472-5473 (1967).
BOYLAN, DAVID B. CALVIN, MELVIN
1967-316
- BRANSON, DAVID
THE CROSS-DISCONTINUITY CONDITION IN S-MATRIX THEORY. IL NUOVO
CIMENTO VOL. XLIV A, NO. 4, 1081-1090 (AUGUST 8, 1967).
BRANSON, DAVID
1967-232 (UCRL-16702)*
- BREWER, LEO
MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B
STATE OF IODINE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 7, 2666-
2675 (APRIL 1, 1967).
CHUTJIAN, ARA LINK, JOHN K.
BREWER, LEO
1967-179 (UCRL-17184)*
- BROWN, JOHN L.
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.
PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDBABER, GERSON
GOLDBABER, SULAMITH SEEGER, VICTOR H.
TRILLING, GEORGE H.
1967-212 (UCRL-17432)*
- BRUNNADER, HERMAN
ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND
CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.
PHYSICS LETTERS 25B, NO. 5, 324-327 (SEPT. 18, 1967).
COSPER, SAMMIE W. BRUNNADER, HERMAN
CERNY, JOSEPH MCGRATH, ROBERT L.
1967-319 (UCRL-17709)*
- BURTON, JAMES J.
THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN
FCC MOLECULAR CRYSTAL. (IN BOOK -- FUNDAMENTALS OF GAS-SURFACE
INTERACTIONS (1967), PP. 75-88).
BURTON, JAMES J. JURA, GEORGE
1967-318 (UCRL-17161)*
- BUSCH, RAYMOND
THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS.
TRANSACTIONS QUARTERLY 60, NO. 2, 252-259 (JUNE, 1967).
ZACKAY, VICTOR F. PARKER, EARL R.
FAHR, DIETER BUSCH, RAYMOND
1967-202
- BYERS, CHARLES H.
GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE --
PART I. THEORY. AMERICAN INSTITUTE OF CHEMICAL ENGINEERS 13,
NO. 4, 628-644 (JULY 1967).
BYERS, CHARLES H. KING, C. JUDSON
1967-272 (UCRL-16925)*
- CALDWELL, DAVID O.
PION-ANTIPION LIFETIME COMPARISON. PHYSICAL LETTERS 24B, NO. 9,
483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-191 (UCRL-17417)*
- CALDWELL, DAVID O.
COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES. PHYSICAL REVIEW
157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-224 (UCRL-17193)*
- CALVIN, MELVIN
THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED
ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A
DEVONIAN SHALE. TETRAHEDRON 23, 2609-2619 (1967).
MCCARTHY, EUGENE D. CALVIN, MELVIN
1967-194
- CALVIN, MELVIN
THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN
PHOTOSYNTHESIS. BIOPHYSICAL JOURNAL 7, NO. 5, 595-614 (1967).
ROSS, ROBERT T. CALVIN, MELVIN
1967-280 (UCRL-17490)*
- CALVIN, MELVIN
VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I. J. OF THE AMERICAN
CHEMICAL SOCIETY 89, 5472-5473 (1967).
BOYLAN, DAVID B. CALVIN, MELVIN
1967-316
- CALVIN, MELVIN
TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA. PROC.
OF THE NATIONAL ACADEMY OF SCIENCES 58, NO. 4, 1556-1559 (OCT.
1967).
DEHNER, THOMAS R. CHAN, HENRY W. S.
CAPLE, MARIANNE BYRN CALVIN, MELVIN
1967-323
- CAMPBELL, GRAHAM
EVALUATION OF PHASE-SPACE INTEGRALS. JOURNAL OF MATHEMATICAL
PHYSICS 8, NO. 4, 687-691 (APRIL, 1967).
CAMPBELL, GRAHAM LEPORE, JOSEPH
RIDDELL, JR. ROBERT
1965-211 (UCRL-16522)*
- CAMP, ANN
STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM
CONFUSUM. J. OF INSECT PHYSIOLOGY 13, 1143-1145 (1967).
HAYES, THOMAS L. PEASE, R. F. W.
CAMP, ANN
1967-227
- CAPLE, MARIANNE BYRN
TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA. PROC.
OF THE NATIONAL ACADEMY OF SCIENCES 58, NO. 4, 1556-1559 (OCT.
1967).
DEHNER, THOMAS R. CHAN, HENRY W. S.
CAPLE, MARIANNE BYRN CALVIN, MELVIN
1967-323
- CARPENTER, RAY W.
DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS
STRENGTHENED BY SPINDALL DECOMPOSITION. ACTA METALLURGICA 15,
1297-1308 (AUGUST 1967).
CARPENTER, RAY W.
1967-239 (UCRL-17212)*
- CARPENTER, RAY W.
GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS. ACTA
METALLURGICA 15, 1567-1572 (OCT. 1967).
CARPENTER, RAY W.
1967-296 (UCRL-17115)*
- CARPENTER, RAY
DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS
ON STRENGTH AND FRACTURE CHARACTERISTICS. PROC. OF THE INTERN.
CONF. ON FRACTURE (1965) VOL. 2, PP. 835-847.
PARKER, EARL R. CARPENTER, RAY
ZACKAY, VICTOR F.
1967-172 (UCRL-16326)*
- CENCE, ROBERT C.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.
PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NORENDER K.
STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- CERNY, JOSEPH
NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS
IN MASS 14. PHYSICAL REVIEW 155, NO. 4, 1170-1176 (MARCH 20,
1967).
BALL, GORDON C. CERNY, JOSEPH
1967-175 (UCRL-17038)*
- CERNY, JOSEPH
NUCLEAR REACTION Q-VALUES. NUCLEAR DATA -- SECTION A, VOL. 2,
NOS. 5 AND 6, 429-614 (DECEMBER 1966).
MAPLES, CREVE GOTH, GEORGE W.
CERNY, JOSEPH
1967-235 (UCRL-16964)*
- CERNY, JOSEPH
ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND
CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.
PHYSICS LETTERS 25B, NO. 5, 324-327 (SEPT. 18, 1967).
COSPER, SAMMIE W. BRUNNADER, HERMAN
CERNY, JOSEPH MCGRATH, ROBERT L.
1967-319 (UCRL-17709)*
- CHABRE, MARC
CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV. PHYSICAL REVIEW
155, NO. 4, 1054-1061 (MARCH 20, 1967).
PUGH, G. HENDRIE, DAVID L.
CHABRE, MARC BOSCHITZ, E.
MCCARTHY, I. E.
1967-180 (UCRL-16913)*
- CHAN, HENRY W. S.
TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA. PROC.
OF THE NATIONAL ACADEMY OF SCIENCES 58, NO. 4, 1556-1559 (OCT.
1967).
DEHNER, THOMAS R. CHAN, HENRY W. S.
CAPLE, MARIANNE BYRN CALVIN, MELVIN
1967-323
- CHAPMAN, THOMAS W.
POLAROGRAPHY IN A BINARY SALT SOLUTION. JOURNAL OF PHYSICAL
CHEMISTRY 71, NO. 2, 241-245 (JANUARY 1967).
CHAPMAN, THOMAS W. NEWMAN, JOHN
1967-171 (UCRL-16630)*
- CHENG, CHING-YAO
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE
ORDERED ALLOYS. ACTA METALLURGICA 15, 1045-1056 (JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL
DORN, JOHN E.
1967-197 (UCRL-16921)*
- CHENG, CHING-YAO
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE
ORDERED AND CLUSTERED ALLOYS. ACTA METALLURGICA 15, 1035-1043
(JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL P.
DORN, JOHN
1967-198 (UCRL-16928)*

- CHENG, DAVID
NUCLEON-NUCLEON SCATTERING EXPERIMENT AT INTERMEDIATE ENERGIES IN BERKELEY. REVIEW OF MODERN PHYSICS 39, NO. 3, 526-530 (JULY 1967).
CHENG, DAVID 1967-269 (UCRL-17408)*
- CHEW, GEOFFREY F.
ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY. PHYS. REV. 161, NO. 5, 1459-1463 (SEPT. 25, 1967).
BALI, NAREN F. CHEW, GEOFFREY F. PIGNOTTI, ALBERTO
1967-311 (UCRL-17491)*
- CHEW, GEOFFREY F.
MULTIPLE PRODUCTION THEORY VIA TOLLER VARIABLES. PHYS. REV. LETTERS 19, NO. 10, 614-618 (SEPT. 4, 1967).
BALI, NAREN F. CHEW, GEOFFREY F. PIGNOTTI, ALBERTO
1967-332 (UCRL-17638)*
- CHIPMAN, JOHN
THERMODYNAMIC FUNCTIONS OF IRON. TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME 239, 630-633 (MAY 1967).
ORR, RAYMOND CHIPMAN, JOHN
1967-233 (UCRL-16937)*
- CHIU, CHARLES B.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV. PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D. HELMHOLZ, A. CARL KENNEY, ROBERT W. MOYER, BURTON J. POIRIER, JOHN A. RICHARDS, W. BRUCE GENCE, ROBERT C. PETERSON, VINCENT Z. SEHGAL, NORENDER K. STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- CHIU, CHARLES B.
REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM. PHYS. REV. 161, NO. 5, 1563-1570 (SEPT. 25, 1967).
CHIU, CHARLES B. CHU, SHU-YUAN WANG, LING-LIE
1967-310 (UCRL-17302)*
- CHIU, CHARLES B.
POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND. PHYS. REV. 162, NO. 5, 1701-1705 (OCT. 25, 1967).
CHIU, CHARLES B. TAN, CHUNG-I
1967-321 (UCRL-17552)*
- CHUTJIAN, ARA
MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B STATE OF IODINE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 7, 2666-2675 (APRIL 1, 1967).
CHUTJIAN, ARA LINK, JOHN K. BREWER, LEO
1967-179 (UCRL-17184)*
- CHU, R. Y. L.
MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING. PHYSICAL REVIEW 162, NO. 5, 1710-1716 (OCT. 25, 1967).
CHU, R. Y. L. EVERETT, ALLEN E.
1967-329 (UCRL-17562)*
- CHU, SHU-YUAN
REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM. PHYS. REV. 161, NO. 5, 1563-1570 (SEPT. 25, 1967).
CHIU, CHARLES B. CHU, SHU-YUAN WANG, LING-LIE
1967-310 (UCRL-17302)*
- CHU, SHU-YUAN
REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS. PHYS. REV. 161, NO. 5, 1450-1458 (SEPT. 25, 1967).
BALI, NAREN F. CHU, SHU-YUAN HAYMAKER, RICHARD W. TAN, CHUNG-I
1967-312 (UCRL-17475)*
- CLARK, DAVID J.
THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA) 2P REACTION. PHYSICAL LETTERS 258, NO. 1, 19-22 (JULY 24, 1967).
SLOBODRIAN, RASHID J. MCKEE, JAMES S. C. TIVOL, WILLIAM F. CLARK, DAVID J. TOMBRELLO, THOMAS A.
1967-277 (UCRL-17421)*
- CLARK, DAVID J.
A SEARCH FOR EXCITED STATES OF HELIUM-3. NUCLEAR PHYSICS A101, 109-112 (1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C. CLARK, DAVID J. TIVOL, WILLIAM F. TOMBRELLO, THOMAS A.
1967-293 (UCRL-17422)*
- CONCUS, PAUL
NUMERICAL SOLUTION OF THE MINIMAL SURFACE EQUATION. MATHEMATICS OF COMPUTATION 21, NO. 99, 340-350 (JULY, 1967).
CONCUS, PAUL
1967-219 (UCRL-16927 REV.)*
- CONWAY, JOHN G.
AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966. THE ASTROPHYSICAL JOURNAL 150, 299-301 (OCT. 1967).
CONWAY, JOHN G. MORRIS, WILLIAM F. ANDREWS, C. FREDERICK
1967-274 (UCRL-17506)*
- COOK, V.
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW 155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V. CORK, BRUCE KEEFE, DENIS KERTH, LEROY T. LAYSON, W. M. WENZEL, WILLIAM A.
1967-177 (UCRL-16089, REV. 2)
- CORK, BRUCE
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW 155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V. CORK, BRUCE KEEFE, DENIS KERTH, LEROY T. LAYSON, W. M. WENZEL, WILLIAM A.
1967-177 (UCRL-16089, REV. 2)
- COSPER, SAMMIE W.
ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES. PHYSICS LETTERS 258, NO. 5, 324-327 (SEPT. 18, 1967).
COSPER, SAMMIE W. BRUNNADER, HERMAN CERNY, JOSEPH MCGRATH, ROBERT L.
1967-319 (UCRL-17709)*
- CRAWFORD, JR. FRANK S.
SEARCH FOR DECAY MODES N GOES TO PI-PLUS PI-MINUS PI-ZERO NU AND N GOES TO PI-PLUS PI-MINUS NU-NU. PHYSICAL REVIEW LETTERS 18, NO. 26, 1207-1208 (JUNE 26, 1967).
PRICE, LEROY R. CRAWFORD, JR. FRANK S.
1967-216 (UCRL-17569)*
- CROLIUS, R. L.
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW 155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V. CORK, BRUCE KEEFE, DENIS KERTH, LEROY T. LAYSON, W. M. WENZEL, WILLIAM A.
1967-177 (UCRL-16089, REV. 2)
- CUNNINGHAM, BURRIS B.
CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE. INORGANIC AND NUCLEAR CHEMISTRY LETTERS 3, 327-336 (1967).
PETERSON, JOSEPH R. CUNNINGHAM, BURRIS B.
1967-241 (UCRL-17576)*
- CUNNINGHAM, BURRIS B.
CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE. INORGANIC AND NUCLEAR CHEMISTRY LETTERS 3, 343-349 (1967).
GREEN, JERE L. CUNNINGHAM, BURRIS B.
1967-242 (UCRL-17539)*
- CUNNINGHAM, PAUL T.
MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD. JOURNAL OF THE OPTICAL SOCIETY 57, NO. 8, 1000-1007 (1967).
CUNNINGHAM, PAUL T. LINK, JOHN K.
1967-260 (UCRL-17414)*
- DASH, JON
AMBIGUITIES IN THE PHENOMENOLOGICAL DETERMINATION OF REGGE-POLE PARAMETERS. PHYSICAL REVIEW 158 NO. 5, 1515-1521 (JUNE 25, 1967).
ARAB, FARZAM BALI, NAREN F. DASH, JON
1967-259 (UCRL-17325)*
- DEHNER, THOMAS R.
TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA. PROC. OF THE NATIONAL ACADEMY OF SCIENCES 58, NO. 4, 1556-1559 (OCT. 1967).
DEHNER, THOMAS R. CHAN, HENRY W. S. CAPLE, MARIANNE BYRN CALVIN, MELVIN
1967-323
- DE BALBIAN VERSTER, FLORI
ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG. EXPERIMENTAL NEUROLOGY 19, 199-221 (1967).
SIMPSON, LANCE L. DE BALBIAN VERSTER, FLORI TAPP, JACK T.
1967-287
- DIAMOND, RICHARD M.
ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH HEAVY IONS. NUCLEAR PHYSICS A95, 357-376 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S. DIAMOND, RICHARD M. KOTAJIMA, K. MATTHIAS, ECKART
1967-193 (UCRL-17204)*
- DIAMOND, RICHARD M.
THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188. NUCLEAR PHYSICS A95, 377-384 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S. DIAMOND, RICHARD M.
1967-195 (UCRL-17205)*
- DIAMOND, RICHARD M.
AMINE EXTRACTION SYSTEMS. PROC. OF THE INTERN. CONF. ON SOLVENT EXTRACTION CHEM. (1967), PP. 349-361.
DIAMOND, RICHARD M.
1967-270 (UCRL-17123)*

- DIAMOND, RICHARD M.
HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY. ARKIV DE PHYSIK
36, NO. 28, 221-236 (1967).
DIAMOND, RICHARD M. STEPHENS, FRANK S.
1967-286 (UCRL-17143)*
- DOBSON, ERNEST L.
KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL
CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION
OF TIMING AND DOSE. (IN BOOK -- THE RETICULOENDOTHELIAL
SYSTEM AND ATHEROSCLEROSIS (1967), PP. 63-73).
DOBSON, ERNEST L. KELLY, LOLA S.
FINNEY, CAROLINE
1967-278
- DORN, JOHN E.
DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS. BRITISH JOURNAL
OF APPLIED PHYSICS 18, 411-417 (1967).
FERGUSON, WILLIAM G. HAUSER, FRANK E.
DORN, JOHN E.
1967-168 (UCRL-16942)*
- DORN, JOHN E.
DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES. JOURNAL
OF APPLIED PHYSICS 38, NO. 4, 1863-1869 (MARCH 15, 1967).
FERGUSON, WILLIAM G. KUMAR, A.
DORN, JOHN E.
1967-176 (UCRL-17106)*
- DORN, JOHN E.
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE
ORDERED ALLOYS. ACTA METALLURGICA 15, 1045-1056 (JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL
DORN, JOHN E.
1967-197 (UCRL-16921)*
- DORN, JOHN
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE
ORDERED AND CLUSTERED ALLOYS. ACTA METALLURGICA 15, 1035-1043
(JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL P.
DORN, JOHN
1967-198 (UCRL-16928)*
- DOYLE, ROBERT E.
AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTICAL
ULTRACENTRIFUGE. REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7,
949-952 (JULY, 1967).
WINDSOR, ALFRED A. RICH, THOMAS H.
DOYLE, ROBERT E. LINDGREN, FRANK T.
1967-243 (UCRL-16982 REV.)*
- DREW, MICHAEL
THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORDON
TRIFLUORIDE. J. OF INORGANIC CHEMISTRY 6, 1906-1910 (1967).
DREW, MICHAEL TEMPLETON, DAVID H.
ZALKIN, ALLAN
1967-301
- DURBIN, PATRICIA W.
CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT.
CANCER RESEARCH 27, PART 1, 1341-1347 (AUGUST 1967).
DURBIN, PATRICIA W. JEUNG, NYLAN
WILLIAMS, MARILYN H. ARNOLD, JAMES S.
1967-268
- DYER, J. N.
SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR
EMULSIONS. NUCLEAR INSTRUMENTS AND METHODS 50, 292-298 (1967).
DYER, J. N. HECKMAN, HARRY H.
1967-196 (UCRL-17229)*
- EANDI, RICHARD D.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.
PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLTZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NRENDER K.
STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- EHLERS, VERNON J.
HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND
HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199. PHYSICAL
REVIEW, 158, NO. 4, 1078-1084 (JUNE 20, 1967).
VANDEN BOUT, PAUL EHLERS, VERNON J.
NIERENBERG, WILLIAM SHUGART, HOWARD
1967-237 (UCRL-17297)*
- ELAD, EMMANUEL
GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.
NUCLEAR INSTRUMENTS AND METHODS 54, 308-310 (1967).
ELAD, EMMANUEL NAKAMURA, MICHIOYUKI
1967-326 (UCRL-17632)*
- EVERETT, ALLEN E.
MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING. PHYSICAL
REVIEW 162, NO. 5, 1710-1716 (OCT. 25, 1967).
CHU, R. Y. L. EVERETT, ALLEN E.
1967-329 (UCRL-17562)*
- EWING, ALICIA M.
ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS. PROGRESS IN
BIOCHEMICAL PHARMACOLOGY VOL. 2, 475-499 (1967).
LINDGREN, FRANK T. FREEMAN, NORMAN K.
EWING, ALICIA M.
1967-220
- FAESSLER, AMAND
SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY
PROTON INELASTIC SCATTERING. PHYSICAL REVIEW 159, NO. 4, 846-
852 (JULY 20, 1967).
FAESSLER, AMAND GLENDENNING, NORMAN K.
PLASTINO, ANGELO
1967-246 (UCRL-16976)*
- FAHR, DIETER
THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS.
TRANSACTIONS QUARTERLY 60, NO. 2, 252-259 (JUNE, 1967).
ZACKAY, VICTOR F. PARKER, EARL R.
FAHR, DIETER BUSCH, RAYMOND
1967-202
- FAHWAZ, RASHID A.
HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC
DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW
PLASMA LATENT IRON-BUILDING CAPACITY. BLOOD 30, NO. 4, 417-424
(OCTOBER 1967).
FAHWAZ, RASHID A. WINCHELL, HARRY S.
POLLYCOVE, MYRON SARGENT, THORNTON
1967-267
- FERGUSON, WILLIAM G.
DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS. BRITISH JOURNAL
OF APPLIED PHYSICS 18, 411-417 (1967).
FERGUSON, WILLIAM G. HAUSER, FRANK E.
DORN, JOHN E.
1967-168 (UCRL-16942)*
- FERGUSON, WILLIAM G.
DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES. JOURNAL
OF APPLIED PHYSICS 38, NO. 4, 1863-1869 (MARCH 15, 1967).
FERGUSON, WILLIAM G. KUMAR, A.
DORN, JOHN E.
1967-176 (UCRL-17106)*
- FINEGOLD, LEONARD
DETERMINATION OF MASS OF LARGE GAS VOLUMES BY DIRECT WEIGHTING.
JOURNAL OF SCIENTIFIC INSTRUMENTS 44, 789-790 (1967).
FINEGOLD, LEONARD
1967-289 (UCRL-16994)*
- FINKLESTEIN, JEROME
FIXED-U SUM RULES IN PION-NUCLEON SCATTERING. PHYSICAL REVIEW
160, NO. 5, 1363-1365 (AUGUST 25, 1967).
BEDER, DOUGLAS S. FINKLESTEIN, JEROME
1967-308 (UCRL-17407)*
- FINLEY, NANCY N.
A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-
DIMETHOXYPHENETHYLAMINE (DMPEA). BIOCHEMICAL AND BIOPHYSICAL
RESEARCH COMMUNICATIONS 29, NO. 1, 126-130 (1967).
SARGENT, THORNTON W. ISRAELSTAM, DAVID M.
SHULGIN, ALEXANDER T. LANDAU, STEPHEN A.
FINLEY, NANCY N.
1967-284
- FINNEY, CAROLINE
KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL
CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION
OF TIMING AND DOSE. (IN BOOK -- THE RETICULOENDOTHELIAL
SYSTEM AND ATHEROSCLEROSIS (1967), PP. 63-73).
DOBSON, ERNEST L. KELLY, LOLA S.
FINNEY, CAROLINE
1967-278
- FIRESTONE, ALEXANDER
ANTI-XI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C.
PHYSICS LETTERS 25B, NO. 6, 443-445 (OCTOBER 2, 1967).
SHEN, BENJAMIN C. FIRESTONE, ALEXANDER
GOLDHABER, GERSON
1967-327 (UCRL-17726)*
- FLATTE, STANLEY M.
REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C -
THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE. PHYSICAL
REVIEW 155, NO. 5, 1517-1538 (MARCH 25, 1967).
FLATTE, STANLEY M.
1967-174 (UCRL-16648 REV.)*
- FLATTE, STANLEY M.
SEARCH FOR ETA GOES TO PI-PLUS + PI-MINUS + PI-ZERO + GAMMA.
PHYSICAL REVIEW LETTERS 18, NO. 22, 976-977 (MAY 29, 1967).
FLATTE, STANLEY M.
1967-182 (UCRL-17514)*
- FLORES-MALDONADO, VICTOR
HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.
PHYSICAL REVIEW 155, NO. 5, 1773-1784 (MARCH 25, 1967).
FLORES-MALDONADO, VICTOR
1967-173 (UCRL-16918)*
- FRANCO, VICTOR
HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS.
PHYSICAL REVIEW 156, NO. 5, 1685-1697 (APRIL 25, 1967).
GLAUBER, ROY J. FRANCO, VICTOR
1967-204 (UCRL-17142)*
- FRANCO, VICTOR
POSSIBLE NONADDITIVITY OF QUARK AMPLITUDES IN HIGH-ENERGY CROSS
SECTIONS. PHYSICAL REVIEW LETTERS 18, NO. 25, 1159-1162 (JUNE 19,
1967).
FRANCO, VICTOR
1967-210 (UCRL-17510)*
- FREEDMAN, DANIEL Z.
DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING. PHYSICAL
REVIEW 155, NO. 5, 1645-1647 (MARCH 25, 1967).
FREEDMAN, DANIEL Z. JONES, C. EDWARD
WANG, JIUNN-MING
1967-166 (UCRL-17113)*

- FREEDMAN, DANIEL Z.
0(4) SYMMETRY AND REGGE BEHAVIOR THEORY. PHYSICAL REVIEW 160, NO. 5, 1560-1571 (AUGUST 25, 1967).
FREEDMAN, DANIEL Z. WANG, JIUUN-MIN
1967-305
- FREEMAN, NORMAN K.
ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS. LIPIDS 2, NO. 2, 183-191 (MARCH 1967).
HATCH, F. T. FREEMAN, NORMAN K.
JENSEN, LIN C. STEVENS, GARY R.
LINDGREN, FRANK T.
1967-189
- FREEMAN, NORMAN K.
ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS. PROGRESS IN BIOCHEMICAL PHARMACOLOGY VOL. 2, 475-499 (1967).
LINDGREN, FRANK T. FREEMAN, NORMAN K.
EWING, ALICIA M. STEVENS, GARY R.
1967-220
- FREIFELDER, DAVID M.
UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS. RADIATION RESEARCH 31, NO. 3, 3 (JULY 1967).
BAKER, RAYMOND M. HAYNES, ROBERT H.
FREIFELDER, DAVID M.
1967-263
- FUGER, JEAN
THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C). JOURNAL OF INORGANIC AND NUCLEAR CHEMISTRY 29, 2097-2098 (1967).
WALLMANN, JAMES C. FUGER, JEAN
HAUG, HERMANN MAREI, SAYED A.
BANSAL, BRIJ M. (UCRL-16468)*
1967-299
- FULRATH, RICHARD
MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES. JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50, NO. 8, 399-404 (AUGUST, 1967).
HASSELMAN, D. P. H. FULRATH, RICHARD
1967-257 (UCRL-16417 REV.)*
- GAFFEY, T. CORNELIUS
BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES. RADIATION RESEARCH 31, NO. 3, 1 (JULY 1967).
GAFFEY, T. CORNELIUS MONTOYA, VICTOR J.
1967-261
- GARCIA, JOSEPH F.
PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND ACROMEGALIC PATIENTS. J. OF CLINICAL ENDOCRINOLOGY AND METABOLISM 27, NO. 10, 1395-1402 (OCT. 1967).
GARCIA, JOSEPH F. LINFOOT, JOHN A.
MANDUGIAN, EDWARD BORN, JAMES L.
LAWRENCE, JOHN H.
1967-317
- GARRISON, WARREN M.
MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION. CHEMICAL COMMUNICATIONS. (1967) PP. 676-677.
HOLIAN, JOHN GARRISON, WARREN M.
1967-255 (UCRL-17575)*
- GENTRY, WILLIAM R.
INELASTIC SCATTERING OF N₂-PLUS BY HELIUM. J. OF CHEMICAL PHYSICS 47, NO. 5, 1856-1857 (SEPT. 1, 1967).
GENTRY, WILLIAM R. GISLASON, ERIC A.
MAHAN, BRUCE H. TSAO, CHI-WING
1967-302 (UCRL-17647)*
- GETZINGER, RICHARD W.
EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS MIXTURES. A. I. CH. E. 13, NO. 3, 577-580 (1967).
GETZINGER, RICHARD W. WILKE, CHARLES R.
1967-279 (UCRL-9987 REV. 2)*
- GHIORSO, ALBERT
NEW CALIFORNIUM ISOTOPE CALIFORNIUM-242. PHYSICS LETTERS 24B, NO. 7, 331-332 (APRIL 3, 1967).
SIKKELAND, TORBJORN GHIORSO, ALBERT
1967-206 (UCRL-17362)*
- GHIORSO, ALBERT
DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244. PHYSICS LETTERS 24B, NO. 7, 333-334 (APRIL 3, 1967).
SIKKELAND, TORBJORN GHIORSO, ALBERT
MALY, JAROMIR NURMIA, MATTI J.
1967-207 (UCRL-17363)*
- GHIORSO, ALBERT
THE SEARCH FOR ELEMENT 102. PHYSICS TODAY 20, NO. 9, 25-32 (SEPT. 1967).
GHIORSO, ALBERT SIKKELAND, TORBJORN
1967-313 (UCRL-17427)*
- GILMORE, RICHARD A.
SUPER-SUPPRESSORS IN SACCHAROMYCES CEREVISIAE. GENETICS 56, 641-658 (AUGUST 1967).
GILMORE, RICHARD A.
1967-228 (UCRL-16851)*
- GISLASON, ERIC A.
INELASTIC SCATTERING OF N₂-PLUS BY HELIUM. J. OF CHEMICAL PHYSICS 47, NO. 5, 1856-1857 (SEPT. 1, 1967).
GENTRY, WILLIAM R. GISLASON, ERIC A.
MAHAN, BRUCE H. TSAO, CHI-WING
1967-302 (UCRL-17647)*
- GLAESER, ROBERT M.
SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS. PROC. OF THE 25TH ANNUAL MEETING OF THE ELECTRON MICROSCOPY SOCIETY OF AMERICA (1967), 2 PAGES (UNNUMBERED).
GLAESER, ROBERT M. SCOTT, THEA
1967-331
- GLAUBER, ROY J.
HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS. PHYSICAL REVIEW 156, NO. 5, 1685-1697 (APRIL 25, 1967).
GLAUBER, ROY J. FRANCO, VICTOR
1967-204 (UCRL-17142)*
- GLENDENNING, NORMAN K.
ANALYSIS OF THE LEAD-208 (P,T) REACTION. PHYSICAL REVIEW 156, NO. 4, 1344-1348 (APRIL 20, 1967).
GLENDENNING, NORMAN K.
1967-181 (UCRL-17199)*
- GLENDENNING, NORMAN K.
SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING. PHYSICAL REVIEW 159, NO. 4, 846-852 (JULY 20, 1967).
FAESSLER, AMAND GLENDENNING, NORMAN K.
PLASTIND, ANGELO
1967-246 (UCRL-16976)*
- GOLDHABER, ALFRED S.
THEORY OF SEQUENTIAL DECAYS. PHYS. REV. 160, NO. 5, 1151-1164 (AUGUST 25, 1967).
GOLDHABER, ALFRED S. WATSON, KENNETH H.
1967-297 (UCRL-17458)*
- GOLDHABER, GERSON
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C. PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDHABER, GERSON
GOLDHABER, SULAMITH SEEGER, VICTOR H.
TRILLING, GEORGE H.
1967-212 (UCRL-17432)*
- GOLDHABER, GERSON
ANTI-XI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C. PHYSICS LETTERS 25B, NO. 6, 443-445 (OCTOBER 2, 1967).
SHEN, BENJAMIN C. FIRESTONE, ALEXANDER
GOLDHABER, GERSON
1967-327 (UCRL-17726)*
- GOLDHABER, SULAMITH
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C. PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDHABER, GERSON
GOLDHABER, SULAMITH GOLDHABER, GERSON
TRILLING, GEORGE H. SEEGER, VICTOR H.
1967-212 (UCRL-17432)*
- GOODMAN, RICHARD M.
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER FOLD, AND PALLADIUM. SURFACE SCIENCE 7, 26-40 (1967).
MATTERA, ADRIANO M. GOODMAN, RICHARD M.
SOMORJAI, GABOR A.
1967-188 (UCRL-17167)*
- GOTH, GEORGE W.
NUCLEAR REACTION Q-VALUES. NUCLEAR DATA -- SECTION A, VOL. 2, NOS. 5 AND 6, 429-614 (DECEMBER 1966).
MAPLES, CREVE GOth, GEORGE W.
CERNY, JOSEPH
1967-235 (UCRL-16964)*
- GREENBERG, ARTHUR J.
PION-ANTIPION LIFETIME COMPARISON. PHYSICAL LETTERS 24B, NO. 9, 483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-191 (UCRL-17417)*
- GREENBERG, ARTHUR J.
COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES. PHYSICAL REVIEW 157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-224 (UCRL-17193)*
- GREEN, JERE L.
CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE. INORGANIC AND NUCLEAR CHEMISTRY LETTERS 3, 343-349 (1967).
GREEN, JERE L. CUNNINGHAM, BURRIS B.
1967-242 (UCRL-17539)*
- GRENDON, ALEXANDER
PUBLIC REACTIONS TO NUCLEAR FACILITIES. AMERICAN JOURNAL OF PUBLIC HEALTH 57, NO. 8, 1263-1268 (AUGUST 1967).
GRENDON, ALEXANDER
1967-291
- GRESHAM, G. A.
ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL STUDIES. REPRINTED FROM -- THE BABOON IN MEDICAL RESEARCH VOL. II (1967), PP. 333-350.
HOWARD, A. N. GRESHAM, G. A.
HALES, C. N. LINDGREN, FRANK T.
KATZBERG, A. A.
1967-221

- GUNTER, THOMAS E.
ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER
IN THE SOLID STATE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 10,
3818-3829 (MAY 15, 1967).
GUNTER, THOMAS E.
1967-234
- HADEISHI, TETSUO
NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY
'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.
PHYSICAL REVIEW LETTERS 19, NO. 5, 211-213 (JULY 31, 1967).
HADEISHI, TETSUO LIU, CHUNG-HONG
1967-247 (UCRL-17579)*
- HADEISHI, TETSUO
PHENOMENON OF THE METASTABLE STATE COHERENTLY EXCITED BY ELECTRON
IMPACT. PHYSICAL REVIEW 162, NO. 1, 16-22 (OCT. 5, 1967).
HADEISHI, TETSUO
1967-306 (UCRL-17466)*
- HALES, C. N.
ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL
STUDIES. REPRINTED FROM -- THE BABOON IN MEDICAL RESEARCH VOL.
II (1967), PP. 333-350.
HOWARD, A. N. GRESHAM, G. A.
HALES, C. N. LINDGREN, FRANK T.
KATZBERG, A. A.
1967-221
- HARADA, KICHINISUKE
COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M.
NUCLEAR PHYSICS A94, 33-51 (1967).
RAUSCHER, E. A. RASMUSSEN, JOHN D.
HARADA, KICHINISUKE
1967-167 (UCRL-16351)*
- HARTE, JOHN
MASS PERTURBATIONS IN A BETHE-SALPETER-EQUATION MODEL OF THE
NUCLEON. PHYSICAL REVIEW 158, NO. 5, 1521-1529 (JUNE 25, 1967).
HARTE, JOHN
1967-249 (UCRL-17329)*
- HASSELMAN, D. P. H.
MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX
CERAMIC COMPOSITES. JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50,
NO. 8, 399-404 (AUGUST, 1967).
HASSELMAN, D. P. H. FULRATH, RICHARD
1967-257 (UCRL-16417 REV.)*
- HATCH, F. T.
ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING
FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN,
CARBON, AND HYDROGEN ELEMENTAL ANALYSIS. LIPIDS 2, NO. 2, 183-
191 (MARCH 1967).
HATCH, F. T. FREEMAN, NORMAN K.
JENSEN, LIN C. STEVENS, GARY R.
LINDGREN, FRANK T.
1967-189
- HAUG, HERMANN
THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF
CURIUM+III(AQ) AND CURIUM CHLORIDE(C). JOURNAL OF INORGANIC AND
NUCLEAR CHEMISTRY 29, 2097-2098 (1967).
WALLMANN, JAMES C. FUGER, JEAN
HAUG, HERMANN MAREI, SAYED A.
BANSAL, BRIJ M.
1967-299 (UCRL-16468)*
- HAUSER, FRANK E.
DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS. BRITISH JOURNAL
OF APPLIED PHYSICS 18, 411-417 (1967).
FERGUSON, WILLIAM G. HAUSER, FRANK E.
DORN, JOHN E.
1967-168 (UCRL-16942)*
- HAVERFIELD, ARTHUR J.
NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS
IN THE DECAY OF LUTECIUM-177M. NUCLEAR PHYSICS A94, 337-350
(1967).
HAVERFIELD, ARTHUR J. BERNTHAL, FREDERICK M.
HOLLANDER, JACK M.
1967-184 (UCRL-16862)*
- HAYES, THOMAS L.
STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM
CONFUSUM. J. OF INSECT PHYSIOLOGY 13, 1143-1145 (1967).
HAYES, THOMAS L. PEASE, R. F. W.
CAMP, ANN
1967-227
- HAYMAKER, RICHARD W.
PHASE SHIFTS FROM THE BETHE-SALPETER DIFFERENTIAL EQUATION.
PHYSICAL REVIEW LETTERS 18, NO. 22, 968-970 (MAY 29, 1967).
HAYMAKER, RICHARD W.
1967-183 (UCRL-17498)*
- HAYMAKER, RICHARD W.
REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS. PHYS. REV. 161,
NO. 5, 1450-1458 (SEPT. 25, 1967).
BALI, NAREN F. CHU, SHU-YUAN
HAYMAKER, RICHARD W. TAN, CHUNG-I
1967-312 (UCRL-17475)*
- HAYNES, ROBERT H.
UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN
UV-SENSITIVE HOST CELLS. RADIATION RESEARCH 31, NO. 3, 3 (JULY
1967).
BAKER, RAYMOND H. HAYNES, ROBERT H.
FREIFELDER, DAVID M.
1967-263
- HECKMAN, HARRY H.
SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR
EMULSIONS. NUCLEAR INSTRUMENTS AND METHODS 50, 292-298 (1967).
DYER, J. N. HECKMAN, HARRY H.
1967-196 (UCRL-17229)*
- HECKMAN, HARRY H.
NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE
MOTION IN A DIPOLE MAGNETIC FIELD. GEOPHYSICAL RESEARCH 72,
NO. 15, 4016-4019 (AUGUST 1, 1967).
HECKMAN, HARRY H.
1967-273 (UCRL-17308)*
- HELMHOLZ, A. CARL
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.
PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NRENDER K.
STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- HENDRIE, DAVID L.
CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV. PHYSICAL REVIEW
155, NO. 4, 1054-1061 (MARCH 20, 1967).
PUGH, G. HENDRIE, DAVID L.
CHABRE, MARC BOSCHITZ, E.
MCCARTHY, I. E.
1967-180 (UCRL-16913)*
- HILDRETH, PHILIP E.
FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF
POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.
DEVELOPMENTAL BIOLOGY 15, NO. 6, 536-552 (JUNE 1967).
HILDRETH, PHILIP E. LUCCHESI, JOHN C.
1967-223 (UCRL-17103)*
- HOLIAN, JOHN
MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES
AND AMINOPURINES IN AQUEOUS SOLUTION. CHEMICAL COMMUNICATIONS,
(1967) PP. 676-677.
HOLIAN, JOHN GARRISON, WARREN M.
1967-255 (UCRL-17575)*
- HOLLANDER, JACK M.
NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS
IN THE DECAY OF LUTECIUM-177M. NUCLEAR PHYSICS A94, 337-350
(1967).
HAVERFIELD, ARTHUR J. BERNTHAL, FREDERICK M.
HOLLANDER, JACK M.
1967-184 (UCRL-16862)*
- HOLLANDER, JACK M.
DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2
MAGNETIC FIELD AT HIGH RESOLUTION. NUCLEAR INSTRUMENTS AND
METHODS 53, 25-28 (1967).
BERGKVIST, KARL-ERIK HOLLANDER, JACK M.
1967-294 (UCRL-17338)*
- HOPKINS, TED E.
THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO. J. OF INORGANIC
CHEMISTRY 6, 1911-1915 (1967).
ZALKIN, ALLAN HOPKINS, TED E.
TEMPLETON, DAVID H.
1967-303 (UCRL-17371)*
- HOWARD, A. N.
ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL
STUDIES. REPRINTED FROM -- THE BABOON IN MEDICAL RESEARCH VOL.
II (1967), PP. 333-350.
HOWARD, A. N. GRESHAM, G. A.
HALES, C. N. LINDGREN, FRANK T.
KATZBERG, A. A.
1967-221
- HULTGREN, RALPH
PROBLEMS AND PROGRESS IN THE THERMODYNAMICS OF METALS AND ALLOYS.
J. OF METALS, PP. 1-4 (SEPTEMBER 1967).
HULTGREN, RALPH
1967-254 (UCRL-17467)*
- HULTGREN, RALPH
SONIC LINE MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.
REV. HAUTES TEMPER ET REFRACT. 4, 123-129 (1967).
HULTGREN, RALPH ORR, RAYMOND L.
1967-283 (UCRL-17174)*
- HYDE, EARL K.
NUCLEAR MODELS. CHEMISTRY 40, NO. 7, 12-19 (JULY-AUGUST 1967).
HYDE, EARL K.
1967-252
- HYDE, EARL K.
ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.
PHYSICAL REVIEW 159, NO. 4, 1013-1020 (JULY 20, 1967).
VALLI, KELVI NURMIA, MATTI J.
HYDE, EARL K.
1967-256 (UCRL-16735 REV.)*
- HYDE, EARL K.
ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.
PHYSICAL REVIEW 161, NO. 4, 1284-1289 (SEPT. 20, 1967).
VALLI, KALVI TREYTL, WILLIAM
HYDE, EARL K.
1967-309 (UCRL-17322)*

- ISRAELSTAM, DAVID M.
A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-DIMETHOXYPHENETHYLAMINE (DMPEA). BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 29, NO. 1, 126-130 (1967).
SARGENT, THORNTON W. ISRAELSTAM, DAVID M.
SHULGIN, ALEXANDER T. LANDAU, STEPHEN A.
FINLEY, NANCY N.
1967-284
- JENSEN, LIN C.
ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS. LIPIDS 2, NO. 2, 183-181 (MARCH 1967).
HATCH, F. T. FREEMAN, NORMAN K.
JENSEN, LIN C. STEVENS, GARY R.
LINDGREN, FRANK T.
1967-189
- JEUNG, NYLAN
CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT. CANCER RESEARCH 27, PART 1, 1341-1347 (AUGUST 1967).
DURBIN, PATRICIA W. JEUNG, NYLAN
WILLIAMS, MARILYN H. ARNOLD, JAMES S.
1967-268
- JOHNSON, C. L.
SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS. AEROSPACE MEDICINE 38, NO. 5, 500-506 (MAY, 1967).
LAROCHE, GILLES JOHNSON, C. L.
1967-201
- JOLLY, WILLIAM L.
THE INTRINSIC BASICITY OF THE HYDROXIDE ION. JOURNAL OF CHEMICAL EDUCATION 44, NO. 5, 304-306 (MAY 1967).
JOLLY, WILLIAM L. (UCRL-17323)*
- JOLLY, WILLIAM L.
THE DEPROTONATION OF WEAK ACIDS. INORGANIC CHEMISTRY 6, 1435-1436 (1967).
JOLLY, WILLIAM L. (UCRL-17361)*
- JOLLY, WILLIAM L.
REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS. J. OF INORGANIC CHEMISTRY 6, 1986-1989 (1967).
JOLLY, WILLIAM RUSTAD, DOUGLAS S.
1967-330 (UCRL-17534)*
- JONES, C. EDWARD
DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING. PHYSICAL REVIEW 155, NO. 5, 1645-1647 (MARCH 25, 1967).
FREEDMAN, DANIEL Z. JONES, C. EDWARD
WANG, JIUNN-MING
1967-186 (UCRL-17113)*
- JURA, GEORGE
EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL METAL. APPLIED PHYSICS 38, NO. 5, 2133-2136 (APRIL, 1967).
RAIMONDI, DONALD L. JURA, GEORGE
1967-218 (UCRL-17095 REV.)*
- JURA, GEORGE
THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS. TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME 239, 120-121 (JANUARY 1967).
PHILLIPS, DAVID JURA, GEORGE
1967-229 (UCRL-17197)*
- JURA, GEORGE
AN EXPERIMENTAL EQUATION OF STATE FOR ALUMINUM TO THE DEBYE APPROXIMATION. JOURNAL OF THE PHYSICS AND CHEMISTRY OF SOLIDS 28, 1419-1426 (1967).
RAIMONDI, DONALD JURA, GEORGE
1967-275 (UCRL-16703)*
- JURA, GEORGE
THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL. (IN BOOK -- FUNDAMENTALS OF GAS-SURFACE INTERACTIONS (1967), PP. 75-88).
BURTON, JAMES J. JURA, GEORGE
1967-318 (UCRL-17161)*
- KALMUS, GEORGE E.
EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY. PHYSICAL REVIEW 159, NO. 5, 1187-1194 (JULY 25, 1967).
KALMUS, GEORGE E. KERNAN, ANNE
1967-258 (UCRL-17351)*
- KANNAN, VUGRANAM
REPLY TO COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM. J. OF APPLIED PHYSICS 38, NO. 10, 4076-4077 (SEPT. 1967).
KANNAN, VUGRANAM THOMAS, GARETH
1967-315
- KAPLAN, SELIG N.
CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON. PHYSICAL REVIEW 158, NO. 1, 85-92 (JUNE 5, 1967).
WELSH, LELAND M. BERKNER, KLAUS H.
KAPLAN, SELIG N. PYLE, ROBERT V.
1967-231 (UCRL-16765 REV.)*
- KATZBERG, A. A.
ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL STUDIES. REPRINTED FROM -- THE BABOON IN MEDICAL RESEARCH VOL. II (1967), PP. 333-350.
HOWARD, A. N. GRESHAM, G. A.
HALES, C. N. LINDGREN, FRANK T.
KATZBERG, A. A.
1967-221
- KEEFE, DENIS
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW 155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V.
CORK, BRUCE KEEFE, DENIS
KERTH, LEROY T. LAYSON, W. M.
WENZEL, WILLIAM A.
1967-177 (UCRL-16089, REV. 2)
- KELLY, LOLA S.
KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TINGING AND DOSE. (IN BOOK -- THE RETICULOENDOTHELIAL SYSTEM AND ATHEROSCLEROSIS (1967), PP. 63-73).
DOBSON, ERNEST L. KELLY, LOLA S.
FINNEY, CAROLINE
1967-278
- KENNEY, ROBERT W.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV. PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NORENDER K.
STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- KENNEY, ROBERT W.
COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES. PHYSICAL REVIEW 157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-224 (UCRL-17193)*
- KENNEY, ROBERT W.
PION-ANTIPION LIFETIME COMPARISON. PHYSICAL LETTERS 248, NO. 9, 483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-191 (UCRL-17417)*
- KERNAN, ANNE
EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY. PHYSICAL REVIEW 159, NO. 5, 1187-1194 (JULY 25, 1967).
KALMUS, GEORGE E. KERNAN, ANNE
1967-258 (UCRL-17351)*
- KERTH, LEROY T.
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW 155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V.
CORK, BRUCE KEEFE, DENIS
KERTH, LEROY T. LAYSON, W. M.
WENZEL, WILLIAM A.
1967-177 (UCRL-16089, REV. 2)
- KING, C. JUDSON
GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE -- PART I. THEORY. AMERICAN INSTITUTE OF CHEMICAL ENGINEERS 13, NO. 4, 628-644 (JULY 1967).
BYERS, CHARLES H. KING, C. JUDSON
1967-272 (UCRL-16925)*
- KLEIN, MELVIN P.
RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE. REVIEW OF SCIENTIFIC INSTRUMENTS 38 NO. 10, 1545-1546 (OCT. 1967).
KLEIN, MELVIN P. PHELPS, DONALD E.
1967-314
- KOTAJIMA, K.
ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH HEAVY IONS. NUCLEAR PHYSICS A95, 357-376 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M. KOTAJIMA, K.
MATTHIAS, ECKART
1967-193 (UCRL-17204)*
- KRUPKE, WILLIAM F.
ENERGY LEVELS OF HOLMIUM-III IN LANTHANUM CHLORIDE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 9, 3532-3542 (MAY 1, 1967).
RAJNAK, KATHERYN KRUPKE, WILLIAM F.
1967-214
- KUMAR, A.
DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES. JOURNAL OF APPLIED PHYSICS 38, NO. 4, 1863-1869 (MARCH 15, 1967).
FERGUSON, WILLIAM G. KUMAR, A.
DORN, JOHN E.
1967-176 (UCRL-17106)*
- KURZ, RICHARD J.
PION-ANTIPION LIFETIME COMPARISON. PHYSICAL LETTERS 248, NO. 9, 483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-191 (UCRL-17417)*
- KURZ, RICHARD J.
COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES. PHYSICAL REVIEW 157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-224 (UCRL-17193)*

- LAMERS, KENNETH W.
"DO-IT-YOURSELF" LOCK-IN AMPLIFIERS -- RADIO AND AUDIO
FREQUENCIES. NUCLEAR INSTRUMENTS AND METHODS 49, 165-169 (1967).
LAMERS, KENNETH W. LINFOOT, JOHN A.
1967-187 (UCRL-16632 REV. 3)* BORN, JAMES L.
- LANDAU, STEPHEN A.
A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-
DIMETHOXYPHENETHYLAMINE (DMPEA). BIOCHEMICAL AND BIOPHYSICAL
RESEARCH COMMUNICATIONS 29, NO. 1, 126-130 (1967).
SARGENT, THORNTON W. ISRAELSTAM, DAVID M.
SHULGIN, ALEXANDER T. LANDAU, STEPHEN A.
FINLEY, NANCY N. LANDAU, STEPHEN A.
1967-284
- LANDSHOFF, PETER
PARASTATISTICS AND A UNIFIED THEORY OF IDENTICAL PARTICLES.
ANNALS OF PHYSICS 45, NO. 1, 72-92 (1967).
LANDSHOFF, PETER STAPP, HENRY
1967-324 (UCRL-17310)*
- LAROCHE, GILLES
SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE
EFFECTS ON SERUM AND THYROID COMPONENTS. AEROSPACE MEDICINE 38,
NO. 5, 500-506 (MAY, 1967).
LAROCHE, GILLES JOHNSON, C. L.
1967-201
- LATIMER, ROBERT M.
VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIDE SEPARATIONS.
JOURNAL OF INORGANIC AND NUCLEAR CHEMISTRY 29, 2041-2045 (1967).
ALY, HESHAM F. LATIMER, ROBERT M.
1967-300 (UCRL-17409)*
- LAWRENCE, JOHN H.
PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND
ACROMEGALIC PATIENTS. J. OF CLINICAL ENDOCRINOLOGY AND
METABOLISM 27, NO. 10, 1395-1402 (OCT. 1967).
GARCIA, JOSEPH F. LINFOOT, JOHN A.
MANOUGIAN, EDWARD BORN, JAMES L.
LAWRENCE, JOHN H. LINFOOT, JOHN A.
1967-317 BORN, JAMES L.
- LAYSON, W. M.
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM
PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW
155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V.
CORK, BRUCE KEEFE, DENIS
KERTH, LEROY T. LAYSON, W. M.
WENZEL, WILLIAM A. LAYSON, W. M.
1967-177 (UCRL-16089, REV. 2)
- LEE, HUAN
NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL
ISOSPIN. PHYSICAL REVIEW LETTERS 18, NO. 24, 1098-1101 (JUNE 12,
1967).
LEE, HUAN
1967-215 (UCRL-17513)*
- LEMMON, RICHARD M.
PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE
CHLORIDE. J. OF PHYSICAL CHEM. 71, 3350-3352 (1967).
ACKERMAN, MARGARET LEMMON, RICHARD M.
1967-292 (UCRL-17459)*
- LEPORE, JOSEPH
EVALUATION OF PHASE-SPACE INTEGRALS. JOURNAL OF MATHEMATICAL
PHYSICS 8, NO. 4, 687-691 (APRIL, 1967).
CAMPBELL, GRAHAM LEPORE, JOSEPH
RIDDELL, JR. ROBERT
1965-211 (UCRL-16522)*
- LEVINE, ERNEST N.
SOME INVESTIGATIONS OF PRECIPITATION. SIXTH INTERN. CONGRESS FOR
ELECTRON MICROSCOPY, KYOTO (1966), PP. 389-390.
THOMAS, GARETH LEVINE, ERNEST N.
BELL, WALTER L. LEVINE, ERNEST N.
1967-170 (UCRL-16852)*
- LINDGREN, FRANK T.
ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING
FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN,
CARBON, AND HYDROGEN ELEMENTAL ANALYSIS. LIPIDS 2, NO. 2, 183-
191 (MARCH 1967).
HATCH, F. T. FREEMAN, NORMAN K.
JENSEN, LIN C. STEVENS, GARY R.
LINDGREN, FRANK T. LINFOOT, JOHN A.
1967-189 BORN, JAMES L.
- LINDGREN, FRANK T.
ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS. PROGRESS IN
BIOCHEMICAL PHARMACOLOGY VOL. 2, 475-499 (1967).
LINDGREN, FRANK T. FREEMAN, NORMAN K.
EWING, ALICIA M. FREEMAN, NORMAN K.
1967-220
- LINDGREN, FRANK T.
ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL
STUDIES. REPRINTED FROM -- THE BABOON IN MEDICAL RESEARCH VOL.
II (1967), PP. 333-350.
HOWARD, A. N. GRESHAM, G. A.
HALES, C. N. LINDGREN, FRANK T.
KATZBERG, A. A. LINDGREN, FRANK T.
1967-221
- LINDGREN, FRANK T.
AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC
ULTRACENTRIFUGE. REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7,
949-952 (JULY, 1967).
WINDSOR, ALFRED A. RICH, THOMAS H.
DOYLE, ROBERT E. LINDGREN, FRANK T.
1967-243 (UCRL-16982 REV.)*
- LINFOOT, JOHN A.
PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND
ACROMEGALIC PATIENTS. J. OF CLINICAL ENDOCRINOLOGY AND
METABOLISM 27, NO. 10, 1395-1402 (OCT. 1967).
GARCIA, JOSEPH F. LINFOOT, JOHN A.
MANOUGIAN, EDWARD BORN, JAMES L.
LAWRENCE, JOHN H. LINFOOT, JOHN A.
1967-317 BORN, JAMES L.
- LINK, JOHN K.
MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B
STATE OF IODINE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 7, 2666-
2675 (APRIL 1, 1967).
CHUTJIAN, ARA LINK, JOHN K.
BREWER, LEO
1967-179 (UCRL-17184)*
- LINK, JOHN K.
MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM,
INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE
PHASE-SHIFT METHOD. JOURNAL OF THE OPTICAL SOCIETY 57, NO. 8,
1000-1007 (1967).
CUNNINGHAM, PAUL T. LINK, JOHN K.
1967-260 (UCRL-17414)*
- LIU, CHUNG-HONG
NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY
'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.
PHYSICAL REVIEW LETTERS 19, NO. 5, 211-213 (JULY 31, 1967).
HADEISHI, TETSUO LIU, CHUNG-HONG
1967-247 (UCRL-17579)*
- LOFGREN, EDWARD J.
THE DEVELOPMENT OF HIGH-ENERGY ACCELERATORS (BOOK REVIEW).
AMERICAN JOURNAL OF PHYSICS 35, NO. 9, 897-898 (SEPT. 1967).
LOFGREN, EDWARD J.
1967-328
- LUCCHESE, JOHN C.
FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF
POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.
DEVELOPMENTAL BIOLOGY 15, NO. 6, 536-552 (JUNE 1967).
HILDRETH, PHILIP E. LUCCHESE, JOHN C.
1967-223 (UCRL-17103)*
- LYON, H. B.
LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111),
AND (110) FACES OF PLATINUM. JOURNAL OF CHEMICAL PHYSICS 46, NO.
7, 2539-2550 (APRIL 1, 1967).
LYON, H. B. SOMORJAI, GABOR A.
1967-178 (UCRL-17170)*
- MACCABEE, HOWARD D.
FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES. RADIATION
RESEARCH 31, NO. 3, 2 (JULY 1967).
MACCABEE, HOWARD D. RAJU, MUDUNDI R.
TOBIAS, CORNELIUS A. RAJU, MUDUNDI R.
1967-262
- MAHAN, BRUCE H.
INELASTIC SCATTERING OF N2-PLUS BY HELIUM. J. OF CHEMICAL
PHYSICS 47, NO. 5, 1856-1857 (SEPT. 1, 1967).
GENTRY, WILLIAM R. GISLASON, ERIC A.
MAHAN, BRUCE H. TSAO, CHI-WING
1967-302 (UCRL-17647)*
- MALY, JAROMIR
DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF
CALIFORNIUM-244. PHYSICS LETTERS 248, NO. 7, 333-334 (APRIL 3,
1967).
SIKKELAND, TORBJORN GHIORSO, ALBERT
MALY, JAROMIR NURMIA, MATTI J.
1967-207 (UCRL-17363)*
- MALY, JAROMIR
THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS I. -- OBSERVATION OF
ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM,
EINSTEINIUM, AND FERMIUM. INORGANIC AND NUCLEAR CHEM. LETTERS 3,
373-381 (1967).
MALY, JAROMIR
1967-240 (UCRL-17524)*
- MANOUGIAN, EDWARD
PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND
ACROMEGALIC PATIENTS. J. OF CLINICAL ENDOCRINOLOGY AND
METABOLISM 27, NO. 10, 1395-1402 (OCT. 1967).
GARCIA, JOSEPH F. LINFOOT, JOHN A.
MANOUGIAN, EDWARD BORN, JAMES L.
LAWRENCE, JOHN H. LINFOOT, JOHN A.
1967-317 BORN, JAMES L.
- MAPLES, CREVE
NUCLEAR REACTION Q-VALUES. NUCLEAR DATA -- SECTION A, VOL. 2,
NOS. 5 AND 6, 429-614 (DECEMBER 1966).
MAPLES, CREVE GOTH, GEORGE W.
CERNY, JOSEPH
1967-235 (UCRL-16964)*
- MAREI, SAYED A.
THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF
CURIUM-III(AQ) AND CURIUM CHLORIDE(C). JOURNAL OF INORGANIC AND
NUCLEAR CHEMISTRY 29, 2097-2098 (1967).
WALLMANN, JAMES C. FUGER, JEAN
HAUG, HERMANN MAREI, SAYED A.
BANSAL, BRIJ M. FUGER, JEAN
1967-299 (UCRL-16468)*
- MARRUS, RICHARD
MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES
OF RADIOACTIVE ISOTOPES. PHYSICAL REVIEW LETTERS 19, NO. 1, 1-3
(JULY 3, 1967).
MARRUS, RICHARD WANG, EDMOND
YELLIN, JOSEPH
1967-222 (UCRL-17580)*

- MARTIN, ROBERT D.
THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE
BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS
WITH CARBON-14 DIOXIDE. BIOCHEMISTRY 6, 2355-2363 (1967).
MARTIN, ROBERT D. WARREN, MITCHUM E.
RAPPOPORT, HENRY
1967-236
- MATTERA, ADRIANO M.
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER
FOLIO, AND PALLADIUM. SURFACE SCIENCE 7, 26-40 (1967).
MATTERA, ADRIANO M. GOODMAN, RICHARD M.
SOMORJAI, GABOR A.
1967-188 (UCRL-17167)*
- MATTHIAS, ECKART
ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH
HEAVY IONS. NUCLEAR PHYSICS A95, 357-376 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M. KOTAJIMA, K.
MATTHIAS, ECKART
1967-193 (UCRL-17204)*
- MCCARTHY, EUGENE D.
THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED
ISOPRENOLID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A
DEVONIAN SHALE. TETRAHEDRON 23, 2609-2619 (1967).
MCCARTHY, EUGENE D. CALVIN, MELVIN
1967-194
- MCCARTHY, I. E.
CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV. PHYSICAL REVIEW
155, NO. 4, 1054-1061 (MARCH 20, 1967).
PUGH, G. HENDRIE, DAVID L.
CHABRE, MARC BOSCHITZ, E.
MCCARTHY, I. E.
1967-180 (UCRL-16913)*
- MCGRATH, ROBERT L.
ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND
CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.
PHYSICS LETTERS 25B, NO. 5, 324-327 (SEPT. 18, 1967).
COSPER, SAMMIE W. BRUNNADER, HERMAN
CERNY, JOSEPH MCGRATH, ROBERT L.
1967-319 (UCRL-17709)*
- MCKEE, JAMES S. C.
THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA)
2P REACTION. PHYSICAL LETTERS 25B, NO. 1, 19-22 (JULY 24, 1967).
SLOBODRIAN, RASHID J. MCKEE, JAMES S. C.
TIVOL, WILLIAM F. CLARK, DAVID J.
TOMBRELLO, THOMAS A.
1967-277 (UCRL-17421)*
- MCKEE, JAMES S. C.
A SEARCH FOR EXCITED STATES OF HELIUM-3. NUCLEAR PHYSICS A101,
109-112 (1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
CLARK, DAVID J. TIVOL, WILLIAM F.
TOMBRELLO, THOMAS A.
1967-293 (UCRL-17422)*
- MCKEE, JAMES S. C.
HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN
10 AND 20 MEV. PHYS. REV. LETTERS 19, NO. 12, 704-705 (SEPT. 18,
1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
BICHSEL, HANS TIVOL, WILLIAM F.
1967-333 (UCRL-17669)*
- MEL, HOWARD C.
STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE
DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN
STUDIES. (IN BOOK -- CHEMICAL ENGINEERING IN MEDICINE AND BIOLOGY
(1967) PP. 505-540).
TIPPETTS, ROGER D. MEL, HOWARD C.
NICHOLS, ALEX V.
1967-253
- MERBACH, ANDRE
IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN
THE TERNARY SYSTEM HNO3-DNO3-H2O-D2O. JOURNAL OF CHEMICAL
PHYSICS 46, NO. 9, 3450-3456 (MAY 1, 1967).
MERBACH, ANDRE
1967-213 (UCRL-17164)*
- MONTROYA, VICTOR J.
BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-
ACCELERATED ALPHA PARTICLES. RADIATION RESEARCH 31, NO. 3, 1
(JULY 1967).
GAFFEY, T. CORNELIUS MONTROYA, VICTOR J.
1967-261
- MORRIS, WILLIAM F.
ASTROPHYSICAL SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF
NOVEMBER 12, 1966. THE ASTROPHYSICAL JOURNAL 150, 299-301 (OCT.
1967).
CONWAY, JOHN G. MORRIS, WILLIAM F.
ANDREWS, C. FREDERICK
1967-274 (UCRL-17506)*
- MOSES, VIVIAN
POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO
GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA
COLI. BIOCHEMICAL JOURNAL 103, 349-357 (1967).
PREVOST, CHARLES MOSES, VIVIAN
1967-185 (UCRL-17109)*
- MOSES, VIVIAN
INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION
IN ESCHERICHIA COLI. BIOCHEMICAL JOURNAL 103, 358-366 (1967).
PALMER, JON MOSES, VIVIAN
1967-186 (UCRL-17107)*
- MOSES, VIVIAN
THE REGULATORY PROCESS IN THE DE-REPRESSION OF ENZYME SYNTHESIS.
BIOCHEMICAL JOURNAL 103, 650-659 (1967).
MOSES, VIVIAN
1967-205 (UCRL-17182)*
- MOYER, BURTON J.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.
PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NORENDER K.
STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- MULLER, ROLF H.
OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES. JOURNAL
OF THE ELECTROCHEMICAL SOCIETY 114, NO. 6, 651 (JUNE 1967).
MULLER, ROLF H.
1967-192 (UCRL-17443)*
- MYERS, ROLLIE J.
ELECTRON SPIN RESONANCE SPECTRA OF THE RADICAL ANIONS OF PYRIDINE
AND RELATED NITROGEN HETEROCYCLICS. MOLECULAR PHYSICS 12, NO. 6,
549-567 (1967).
TALCOTT, CAROLYN L. MYERS, ROLLIE J.
1967-271 (UCRL-17304)*
- NAKAMURA, MICHIOYUKI
GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.
NUCLEAR INSTRUMENTS AND METHODS 54, 308-310 (1967).
ELAD, EMANUEL NAKAMURA, MICHIOYUKI
1967-326 (UCRL-17632)*
- NEWMAN, JOHN
POLAROGRAPHY IN A BINARY SALT SOLUTION. JOURNAL OF PHYSICAL
CHEMISTRY 71, NO. 2, 241-245 (JANUARY 1967).
CHAPMAN, THOMAS W. NEWMAN, JOHN
1967-171 (UCRL-16630)*
- NEWMAN, JOHN
THE EFFECT OF MIGRATION IN LAMINAR DIFFUSION LAYERS. INT. J.
HEAT MASS TRANSFER 10, 983-997 (1967).
NEWMAN, JOHN
1967-209 (UCRL-16665 REV.)*
- NEWMAN, JOHN
THE KOUTECKY CORRECTION TO THE ILKOVIC EQUATION. JOURNAL OF
ELECTROANALYTICAL CHEMISTRY 15, 309-312 (1967).
NEWMAN, JOHN
1967-264 (UCRL-17327)*
- NEWTON, JOHN O.
ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH
HEAVY IONS. NUCLEAR PHYSICS A95, 357-376 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M. KOTAJIMA, K.
MATTHIAS, ECKART
1967-193 (UCRL-17204)*
- NEWTON, JOHN O.
THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188.
NUCLEAR PHYSICS A95, 377-384 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M.
1967-195 (UCRL-17205)*
- NICHOLS, ALEX V.
STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE
DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN
STUDIES. (IN BOOK -- CHEMICAL ENGINEERING IN MEDICINE AND BIOLOGY
(1967) PP. 505-540).
TIPPETTS, ROGER D. MEL, HOWARD C.
NICHOLS, ALEX V.
1967-253
- NIERENBERG, WILLIAM A.
ATOMIC BEAM MAGNETIC RESONANCE. PHYSICA 33, 18-28 (1967).
NIERENBERG, WILLIAM A.
1967-169
- NIERENBERG, WILLIAM
HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND
HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199. PHYSICAL
REVIEW, 158, NO. 4, 1078-1084 (JUNE 20, 1967).
VANDEN BOUT, PAUL EHLERS, VERNON J.
NIERENBERG, WILLIAM SHUGART, HOWARD
1967-237 (UCRL-17297)*
- NURMIA, MATTI J.
DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF
CALIFORNIUM-244. PHYSICS LETTERS 24B, NO. 7, 333-334 (APRIL 3,
1967).
SIKKELAND, TORBJORN GHIORSO, ALBERT
MALY, JAROMIR NURMIA, MATTI J.
1967-207 (UCRL-17363)*
- NURMIA, MATTI J.
ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.
PHYSICAL REVIEW 159, NO. 4, 1013-1020 (JULY 20, 1967).
VALLI, KELVI NURMIA, MATTI J.
HYDE, EARL K.
1967-256 (UCRL-16735 REV.)*
- OKAMOTO, PAUL
DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER-
ALUMINUM ORIENTED FOR PRISMATIC SLIP. ACTA METALLURGICA 15,
1225-1345 (AUGUST 1967).
OKAMOTO, PAUL THOMAS, GARETH
1967-244 (UCRL-17128)*

- OLANDER, DONALD R.
DIFFUSION OF XENON IN URANIUM MONOCARBIDE. NUCLEAR SCIENCE AND
ENGINEERING 29, 122-130 (1967).
SHAKED, HAGAI OLANDER, DONALD R.
PIGFORD, THOMAS H. 1967-281 (UCRL-17271)*
- OLSON, NORMAN
EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50, NO. 7, 365-368 (JULY,
1967).
BENECKE, MARK OLSON, NORMAN
PASK, JOSEPH 1967-248 (UCRL-16368)*
- ORR, RAYMOND L.
SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.
REV. INT. HAUTES TEMPER ET REFRACT. 4, 123-129 (1967).
HULTGREN, RALPH ORR, RAYMOND L.
1967-283 (UCRL-17174)*
- ORR, RAYMOND
THERMODYNAMIC FUNCTIONS OF IRON. TRANSACTIONS OF THE
METALLURGICAL SOCIETY OF AIME 239, 630-633 (MAY 1967).
ORR, RAYMOND CHIPMAN, JOHN
1967-233 (UCRL-16937)*
- OSBORNE, W. Z.
NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN
EMULSION. PHYSICAL REVIEW 156, NO. 5, 1464-1474 (APRIL 25,
1967).
YOUNG, POH-SHIEN OSBORNE, W. Z.
BARKAS, WALTER H. 1967-199 (UCRL-16973)*
- PALMER, JON
INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION
IN ESCHERICHIA COLI. BIOCHEMICAL JOURNAL 103, 358-366 (1967).
PALMER, JON MOSES, VIVIAN
1967-186 (UCRL-17107)*
- PARKER, EARL R.
DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS
ON STRENGTH AND FRACTURE CHARACTERISTICS. PROC. OF THE INTERN.
CONF. ON FRACTURE (1965) VOL. 2, PP. 835-847.
PARKER, EARL R. CARPENTER, RAY
ZACKAY, VICTOR F. 1967-172 (UCRL-16326)*
- PARKER, EARL R.
THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS.
TRANSACTIONS QUARTERLY 60, NO. 2, 252-259 (JUNE, 1967).
ZACKAY, VICTOR F. PARKER, EARL R.
FAHR, DIETER BUSCH, RAYMOND
1967-202
- PASK, JOSEPH
EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50, NO. 7, 365-368 (JULY,
1967).
BENECKE, MARK OLSON, NORMAN
PASK, JOSEPH 1967-248 (UCRL-16368)*
- PAXSON, G. DONALD
HIGH-REPETITION-RATE BURST PULSER. REVIEW OF SCIENTIFIC
INSTRUMENTS 38, NO. 8, 1137-1139 (AUGUST 1967).
PAXSON, G. DONALD
1967-251 (UCRL-17309)*
- PEASE, R. F. W.
STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM
CONFUSUM. J. OF INSECT PHYSIOLOGY 13, 1143-1145 (1967).
HAYES, THOMAS L. PEASE, R. F. W.
CAMP, ANN 1967-227
- PERLMAN, ISADORE
NUCLEAR SPECTROSCOPIC STUDIES OF FERMIUM-257. PHYSICAL REVIEW
158, NO. 4, 1073-1077 (JUNE 20, 1967).
ASARO, FRANK PERLMAN, ISADORE
1967-238 (UCRL-16738)*
- PETERSON, JOSEPH R.
CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF
BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.
INORGANIC AND NUCLEAR CHEMISTRY LETTERS 3, 327-336 (1967).
PETERSON, JOSEPH R. CUNNINGHAM, BURRIS B.
1967-241 (UCRL-17576)*
- PETERSON, VINCENT Z.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.
PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SENEGAL, NORENDER K.
STENGER, VICTOR J. 1967-203 (UCRL-17209 REV.)*
- PHELPS, DONALD E.
RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.
REVIEW OF SCIENTIFIC INSTRUMENTS 38 NO. 10, 1545-1546 (OCT. 1967).
KLEIN, MELVIN P. PHELPS, DONALD E.
1967-314
- PHILLIPS, DAVID
THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME 239, 120-121
(JANUARY 1967).
PHILLIPS, DAVID JURA, GEORGE
1967-229 (UCRL-17197)*
- PIGFORD, THOMAS H.
DIFFUSION OF XENON IN URANIUM MONOCARBIDE. NUCLEAR SCIENCE AND
ENGINEERING 29, 122-130 (1967).
SHAKED, HAGAI OLANDER, DONALD R.
PIGFORD, THOMAS H. 1967-281 (UCRL-17271)*
- PIGNOTTI, ALBERTO
ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.
PHYS. REV. 161, NO. 5, 1459-1463 (SEPT. 25, 1967).
BALL, NAREN F. BALL, JAMES S.
CHEW, GEOFFREY F. PIGNOTTI, ALBERTO
1967-311 (UCRL-17491)*
- PIGNOTTI, ALBERTO
MULTIPLE PRODUCTION THEORY VIA TOLLER VARIABLES. PHYS. REV.
LETTERS 19, NO. 10, 614-618 (SEPT. 4, 1967).
BALL, NAREN F. CHEW, GEOFFREY F.
PIGNOTTI, ALBERTO 1967-332 (UCRL-17638)*
- PLASTINO, ANGELO
SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY
PROTON INELASTIC SCATTERING. PHYSICAL REVIEW 159, NO. 4, 846-
852 (JULY 20, 1967).
FAESSLER, AMAND GLENDENNING, NORMAN K.
PLASTINO, ANGELO 1967-246 (UCRL-16976)*
- POIRIER, JOHN A.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.
PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SENEGAL, NORENDER K.
STENGER, VICTOR J. 1967-203 (UCRL-17209 REV.)*
- POLLYCOVE, MYRON
HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC
DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW
PLASMA LATENT IRON-BUILDING CAPACITY. BLOOD 30, NO. 4, 417-424
(OCTOBER 1967).
FAHMAZ, RASHID A. WINCHELL, HARRY S.
POLLYCOVE, MYRON SARGENT, THORNTON
1967-267
- PREVOST, CHARLES
POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO
GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA
COLI. BIOCHEMICAL JOURNAL 103, 349-357 (1967).
PREVOST, CHARLES MOSES, VIVIAN
1967-185 (UCRL-17109)*
- PRICE, DAVID C.
DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND
RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE. BLOOD 30,
NO. 3, 364-376 (SEPTEMBER 1967).
VAN DYKE, DONALD SHKURKIN, CAROL
PRICE, DAVID C. YANO, YUKIO
ANGER, HAL O. 1967-245
- PRICE, JOHN C.
KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA. PHYSICS OF FLUIDS
10, NO. 8, 1623-1628 (AUGUST 1967).
PRICE, JOHN C.
1967-307 (UCRL-16631)*
- PRICE, LEROY R.
SEARCH FOR DECAY MODES N GOES TO PI-PLUS PI-MINUS PI-ZERO NU AND
N GOES TO PI-PLUS PI-MINUS NU-NU. PHYSICAL REVIEW LETTERS 18, NO.
26, 1207-1208 (JUNE 26, 1967).
PRICE, LEROY R. CRAWFORD, JR. FRANK S.
1967-216 (UCRL-17569)*
- PUGH, G.
CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV. PHYSICAL REVIEW
155, NO. 4, 1054-1061 (MARCH 20, 1967).
PUGH, G. HENDRIE, DAVID L.
CHABRE, MARC BOSCHITZ, E.
MCCARTHY, I. E. 1967-180 (UCRL-16913)*
- PYLE, ROBERT V.
CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN,
HELIUM, NITROGEN, AND ARGON. PHYSICAL REVIEW 158, NO. 1, 85-92
(JUNE 5, 1967).
WELSH, LELAND M. BERKNER, KLAUS H.
KAPLAN, SELIG N. PYLE, ROBERT V.
1967-231 (UCRL-16765 REV.)*
- RAIMONDI, DONALD L.
EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL
METAL. APPLIED PHYSICS 38, NO. 5, 2133-2136 (APRIL, 1967).
RAIMONDI, DONALD L. JURA, GEORGE
1967-218 (UCRL-17095 REV.)*
- RAIMONDI, DONALD
AN EXPERIMENTAL EQUATION OF STATE FOR ALUMINUM TO THE DEBYE
APPROXIMATION. JOURNAL OF THE PHYSICS AND CHEMISTRY OF SOLIDS 28,
1419-1426 (1967).
RAIMONDI, DONALD JURA, GEORGE
1967-275 (UCRL-16703)*
- RAJNAK, KATHERYN
ENERGY LEVELS OF HOLMIUM-III IN LANTHANUM CHLORIDE. JOURNAL OF
CHEMICAL PHYSICS 46, NO. 9, 3532-3542 (MAY 1, 1967).
RAJNAK, KATHERYN KRUPKE, WILLIAM F.
1967-214

- RAJU, MUDUNDI R.
FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES. RADIATION RESEARCH 31, NO. 3, 2 (JULY 1967).
MACCABEE, HOWARD D. RAJU, MUDUNDI R.
TOBIAS, CORNELIUS A. 1967-262
- RAPPORT, HENRY
THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE. BIOCHEMISTRY 6, 2355-2363 (1967).
MARTIN, ROBERT O. WARREN, MITCHUM E.
RAPPORT, HENRY 1967-236
- RARITA, WILLIAM
K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY. PHYS. REV. 162, NO. 5, 1378-1385 (OCT. 25, 1967).
RARITA, WILLIAM SCHWARZSCHILD, BERTRAM M. 1967-322 (UCRL-17572)*
- RASMUSSEN, JOHN O.
COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M. NUCLEAR PHYSICS A94, 33-51 (1967).
RAUSCHER, E. A. RASMUSSEN, JOHN O.
HARADA, KICHINISUKE 1967-167 (UCRL-16351)*
- RASMUSSEN, JOHN O.
MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS. REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 905-909 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O.
BOWMAN, HARRY R. THOMPSON, STANLEY G. 1967-230 (UCRL-17358)*
- RASMUSSEN, JOHN O.
ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS. JOURNAL OF CHEMICAL PHYSICS 47 NO. 2, 778-783 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O. 1967-266 (UCRL-17290)*
- RASMUSSEN, JOHN O.
INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION-PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177. NUCLEAR PHYSICS A101, 513-526 (1967).
BERNTHAL, FREDERICK RASMUSSEN, JOHN O. 1967-325 (UCRL-17504)*
- RAUSCHER, E. A.
COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M. NUCLEAR PHYSICS A94, 33-51 (1967).
RAUSCHER, E. A. RASMUSSEN, JOHN O.
HARADA, KICHINISUKE 1967-167 (UCRL-16351)*
- RECHEN, JOSEPH B.
ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES. NUCLEAR INSTRUMENTS AND METHODS 53, 290-292 (1967).
RUBY, LAWRENCE RECHEN, JOSEPH B. 1967-288 (UCRL-17431)*
- RESCIGNO, ALDO
THE STRUGGLE FOR LIFE. PART I. TWO SPECIES. BULLETIN OF MATHEMATICAL BIOPHYSICS 29, 377-388 (1967).
RESCIGNO, ALDO RICHARDSON, IRVIN W. 1967-298
- RICHARDSON, IRVIN W.
THE STRUGGLE FOR LIFE. PART I. TWO SPECIES. BULLETIN OF MATHEMATICAL BIOPHYSICS 29, 377-388 (1967).
RESCIGNO, ALDO RICHARDSON, IRVIN W. 1967-298
- RICHARDS, W. BRUCE
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV. PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NORENDER K.
STENGER, VICTOR J. 1967-203 (UCRL-17209 REV.1)*
- RICH, THOMAS H.
AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC ULTRACENTRIFUGE. REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 949-952 (JULY, 1967).
WINDSOR, ALFRED A. RICH, THOMAS H.
DOYLE, ROBERT E. LINDGREN, FRANK T. 1967-243 (UCRL-16982 REV.1)*
- RIDDELL, JR. ROBERT
EVALUATION OF PHASE-SPACE INTEGRALS. JOURNAL OF MATHEMATICAL PHYSICS 8, NO. 4, 687-691 (APRIL, 1967).
CAMPBELL, GRAHAM LEPORE, JOSEPH
RIDDELL, JR. ROBERT 1965-211 (UCRL-16522)*
- ROSS, ROBERT T.
SOME THERMODYNAMICS OF PHOTOCHEMICAL SYSTEMS. JOURNAL OF CHEMICAL PHYSICS 46, NO. 12, 4590-4593 (JUNE 15, 1967).
ROSS, ROBERT T. 1967-250 (UCRL-17313)*
- ROSS, ROBERT T.
THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN PHOTOSYNTHESIS. BIOPHYSICAL JOURNAL 7, NO. 5, 595-614 (1967).
ROSS, ROBERT T. CALVIN, MELVIN 1967-280 (UCRL-17490)*
- ROTHE, HEINZ J.
STUDY OF BRANCH POINTS IN THE ANGULAR MOMENTUM PLANE. PHYSICAL REVIEW 159, NO. 5, 1471-1487 (JULY 25, 1967).
ROTHE, HEINZ J. 1967-265 (UCRL-17068 REV.1)*
- RUBY, LAWRENCE
ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES. NUCLEAR INSTRUMENTS AND METHODS 53, 290-292 (1967).
RUBY, LAWRENCE RECHEN, JOSEPH B. 1967-288 (UCRL-17431)*
- RUSTAD, DOUGLAS S.
REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS. J. OF INORGANIC CHEMISTRY 6, 1986-1989 (1967).
JOLLY, WILLIAM RUSTAD, DOUGLAS S. 1967-330 (UCRL-17534)*
- SARGENT, THORNTON W.
A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-DIMETHOXYPHENETHYLAMINE (DMPEA). BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 29, NO. 1, 126-130 (1967).
SARGENT, THORNTON W. ISRAELSTAM, DAVID M.
SHULGIN, ALEXANDER T. LANDAW, STEPHEN A.
FINLEY, NANCY N. 1967-284
- SARGENT, THORNTON
HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY. BLOOD 30, NO. 4, 417-424 (OCTOBER 1967).
FAWAZ, RASHID A. WINCHELL, HARRY S.
POLLYCOVE, MYRON SARGENT, THORNTON 1967-267
- SCHWARZSCHILD, BERTRAM M.
K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY. PHYS. REV. 162, NO. 5, 1378-1385 (OCT. 25, 1967).
RARITA, WILLIAM SCHWARZSCHILD, BERTRAM M. 1967-322 (UCRL-17572)*
- SCOTT, THEA
SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS. PROC. OF THE 25TH ANNUAL MEETING OF THE ELECTRON MICROSCOPY SOCIETY OF AMERICA (1967), 2 PAGES (UNNUMBERED).
GLAESER, ROBERT M. SCOTT, THEA 1967-331
- SEEGER, VICTOR H.
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C. PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDBABER, GERSON
GOLDBABER, SULAMITH SEEGER, VICTOR H.
TRILLING, GEORGE H. 1967-212 (UCRL-17432)*
- SEHGAL, NORENDER K.
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV. PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NORENDER K.
STENGER, VICTOR J. 1967-203 (UCRL-17209 REV.1)*
- SHAKED, HAGAI
DIFFUSION OF XENON IN URANIUM MONOCARBIDE. NUCLEAR SCIENCE AND ENGINEERING 29, 122-130 (1967).
SHAKED, HAGAI OLANDER, DONALD R.
PIGFORD, THOMAS H. 1967-281 (UCRL-17271)*
- SHEN, BENJAMIN C.
ANTIXI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C. PHYSICS LETTERS 25B, NO. 6, 443-445 (OCTOBER 2, 1967).
SHEN, BENJAMIN C. FIRESTONE, ALEXANDER
GOLDBABER, GERSON 1967-327 (UCRL-17726)*
- SHKURKIN, CAROL
DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND REICULDENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE. BLOOD 30, NO. 3, 364-374 (SEPTEMBER 1967).
VAN DYKE, DONALD SHKURKIN, CAROL
PRICE, DAVID C. YANO, YUKIO
ANGER, HAL O. 1967-245
- SHUGART, HOWARD
HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199. PHYSICAL REVIEW, 158, NO. 4, 1078-1084 (JUNE 20, 1967).
VANDEN BOUT, PAUL EHLERS, VERNON J.
NIERENBERG, WILLIAM SHUGART, HOWARD 1967-237 (UCRL-17297)*
- SHULGIN, ALEXANDER T.
A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-DIMETHOXYPHENETHYLAMINE (DMPEA). BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 29, NO. 1, 126-130 (1967).
SARGENT, THORNTON W. ISRAELSTAM, DAVID M.
SHULGIN, ALEXANDER T. LANDAW, STEPHEN A.
FINLEY, NANCY N. 1967-284
- SIKKELAND, TORBJORN
DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244. PHYSICS LETTERS 24B, NO. 7, 333-334 (APRIL 3, 1967).
SIKKELAND, TORBJORN GHIORSO, ALBERT
MALY, JAROMIR NURNIA, MATTI J.
1967-207 (UCRL-17363)*

- SIKKELAND, TORBJORN
THE SEARCH FOR ELEMENT 102. PHYSICS TODAY 20, NO. 9, 25-32 (SEPT. 1967).
GHIORSO, ALBERT (UCRL-17427)* SIKKELAND, TORBJORN
1967-313
- SIKKELAND, TORBJORN
NEW CALIFORNIUM ISOTOPE CALIFORNIUM-242. PHYSICS LETTERS 24B, NO. 7, 331-332 (APRIL 3, 1967).
SIKKELAND, TORBJORN GHIORSO, ALBERT
1967-206 (UCRL-17362)*
- SIMPSON, LANCE L.
ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG. EXPERIMENTAL NEUROLOGY 19, 199-221 (1967).
SIMPSON, LANCE L. DE BALBIAN VERSTER, FLORI
TAPP, JACK T.
1967-287
- SLANSKY, RICHARD C.
EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY. PHYSICAL REVIEW 156, NO. 5, 1532-1537 (APRIL 25, 1967).
SLANSKY, RICHARD C.
1967-208 (UCRL-17047 REV.)*
- SLOBODRIAN, RASHID J.
THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA) 2P REACTION. PHYSICAL LETTERS 25B, NO. 1, 19-22 (JULY 24, 1967).
SLOBODRIAN, RASHID J. MCKEE, JAMES S. C.
TIVOL, WILLIAM F. CLARK, DAVID J.
TOMBRELLO, THOMAS A.
1967-277 (UCRL-17421)*
- SLOBODRIAN, RODOLFO J.
POSSIBLE OBSERVATIONS OF VACUUM POLARIZATION EFFECTS IN THE 1-S-ZERO P-P STATE. PHYSICS LETTERS 26B, NO. 2, 89 (AUGUST 7, 1967).
SLOBODRIAN, RODOLFO J.
1967-276 (UCRL-17627)*
- SLOBODRIAN, RODOLFO J.
HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV. PHYS. REV. LETTERS 19, NO. 12, 704-705 (SEPT. 18, 1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
BICHEL, HANS TIVOL, WILLIAM F.
1967-333 (UCRL-17669)*
- SLOBODRIAN, RODOLFO J.
A SEARCH FOR EXCITED STATES OF HELIUM-3. NUCLEAR PHYSICS A101, 109-112 (1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
CLARK, DAVID J. TIVOL, WILLIAM F.
TOMBRELLO, THOMAS A.
1967-293 (UCRL-17422)*
- SOMORJAI, GABOR A.
LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM. JOURNAL OF CHEMICAL PHYSICS 46, NO. 7, 2539-2550 (APRIL 1, 1967).
LYON, H. B. SOMORJAI, GABOR A.
1967-178 (UCRL-17170)*
- SOMORJAI, GABOR A.
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER FOLD, AND PALLADIUM. SURFACE SCIENCE 7, 26-40 (1967).
MATTERA, ADRIANO M. GOODMAN, RICHARD M.
SOMORJAI, GABOR A.
1967-188 (UCRL-17167)*
- SOMORJAI, GABOR A.
NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD. SURFACE SCIENCE 8, 98-100 (1967).
SOMORJAI, GABOR A.
1967-226 (UCRL-17542)*
- STAPP, HENRY P.
ANALYTICITY PROPERTIES OF HELICITY AMPLITUDES. PHYSICAL REVIEW 160, NO. 5, 1251-1256 (AUGUST 25, 1967).
STAPP, HENRY P.
1967-304 (UCRL-17429)*
- STAPP, HENRY
PARASTATISTICS AND A UNIFIED THEORY OF IDENTICAL PARTICLES. ANNALS OF PHYSICS 45, NO. 1, 72-92 (1967).
LANDSHOFF, PETER STAPP, HENRY
1967-324 (UCRL-17310)*
- STEARNS, BRENTON F.
PI0+-ANTIPI0+ LIFETIME COMPARISON. PHYSICAL LETTERS 24B, NO. 9, 483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-191 (UCRL-17417)*
- STEARNS, BRENTON F.
COMPARISON OF PI+ PLUS AND PI- MINUS LIFETIMES. PHYSICAL REVIEW 157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
1967-224 (UCRL-17193)*
- STENGER, VICTOR J.
PI0+-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV. PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLTZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEMGAL, NRENDER K.
STENGER, VICTOR J.
1967-203 (UCRL-17209 REV.)*
- STEPHENS, FRANK S.
ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH HEAVY IONS. NUCLEAR PHYSICS A95, 357-376 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M. KOTAJIMA, K.
MATTHIAS, ECKART
1967-193 (UCRL-17204)*
- STEPHENS, FRANK S.
THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188. NUCLEAR PHYSICS A95, 377-384 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M.
1967-195 (UCRL-17205)*
- STEPHENS, FRANK S.
HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY. ARKIV DE PHYSIK 36, NO. 28, 221-236 (1967).
DIAMOND, RICHARD M. STEPHENS, FRANK S.
1967-286 (UCRL-17143)*
- STERN, CURT
NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT. REPRINTED FROM PROC. OF THE NATIONAL ACADEMY OF SCIENCES 57, NO. 3, 658-661 (MARCH, 1967).
STERN, CURT TOKUNAGA, CHIYOKO
1967-200
- STEVENS, GARY R.
ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS. LIPIDS 2, NO. 2, 183-191 (MARCH 1967).
HATCH, F. T. FREEMAN, NORMAN K.
JENSEN, LIN C. STEVENS, GARY R.
LINDGREN, FRANK T.
1967-189
- TALCOTT, CAROLYN L.
ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS. MOLECULAR PHYSICS 12, NO. 6, 549-567 (1967).
TALCOTT, CAROLYN L. MYERS, ROLLIE J.
1967-271 (UCRL-17304)*
- TAN, CHUNG-I
REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS. PHYS. REV. 161, NO. 5, 1450-1458 (SEPT. 25, 1967).
BALI, NAREN F. CHU, SHU-YUAN
HAYMAKER, RICHARD W. TAN, CHUNG-I
1967-312 (UCRL-17475)*
- TAN, CHUNG-I
POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND. PHYS. REV. 162, NO. 5, 1701-1705 (OCT. 25, 1967).
CHIU, CHARLES B. TAN, CHUNG-I
1967-321 (UCRL-17552)*
- TAPP, JACK T.
ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG. EXPERIMENTAL NEUROLOGY 19, 199-221 (1967).
SIMPSON, LANCE L. DE BALBIAN VERSTER, FLORI
TAPP, JACK T.
1967-287
- TEMPLETON, DAVID H.
THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE. J. OF INORGANIC CHEMISTRY 6, 1906-1910 (1967).
DREW, MICHAEL TEMPLETON, DAVID H.
ZALKIN, ALLAN
1967-301
- TEMPLETON, DAVID H.
THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO. J. OF INORGANIC CHEMISTRY 6, 1911-1915 (1967).
ZALKIN, ALLAN HOPKINS, TED E.
TEMPLETON, DAVID H.
1967-303 (UCRL-17371)*
- THOMAS, GARETH
SOME INVESTIGATIONS OF PRECIPITATION. SIXTH INTERN. CONGRESS FOR ELECTRON MICROSCOPY, KYOTO (1966), PP. 389-390.
THOMAS, GARETH LEVINE, ERNEST N.
BELL, WALTER L.
1967-170 (UCRL-16852)*
- THOMAS, GARETH
DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER-ALUMINUM ORIENTED FOR PRISMATIC SLIP. ACTA METALLURGICA 15, 1325-1345 (AUGUST 1967).
OKAMOTO, PAUL THOMAS, GARETH
1967-244 (UCRL-17128)*
- THOMAS, GARETH
REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.' J. OF APPLIED PHYSICS 38, NO. 10, 4076-4077 (SEPT. 1967).
KANNAN, VUGRANAM THOMAS, GARETH
1967-315

- THOMPSON, STANLEY G.
MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.
REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 905-909 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O.
BOWMAN, HARRY R. THOMPSON, STANLEY G.
1967-230 (UCRL-17358)*
- THOMPSON, STANLEY G.
SOME ASPECTS OF THE STUDY OF FISSION. ARKIV DE FYSIK 36, NO. 34,
267-277 (1967).
THOMPSON, STANLEY G.
1967-285
- THOMPSON, STANLEY G.
K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION
PRODUCTS. PHYS. REV. 162, NO. 4, 1169-1174 (OCT. 20, 1967).
WATSON, RAND L. BOWMAN, HARRY R.
THOMPSON, STANLEY G.
1967-320 (UCRL-17518)*
- TIPPETTS, ROGER D.
STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE
DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN
STUDIES. (IN BOOK -- CHEMICAL ENGINEERING IN MEDICINE AND BIOLOGY
(1967) PP. 505-540).
TIPPETTS, ROGER D. MEL, HOWARD C.
NICHOLS, ALEX V.
1967-253
- TIVOL, WILLIAM F.
THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA)
2P REACTION. PHYSICAL LETTERS 258, NO. 1, 19-22 (JULY 24, 1967).
SLOBODRIAN, RASHID J. MCKEE, JAMES S. C.
TIVOL, WILLIAM F. CLARK, DAVID J.
TOMBRELLO, THOMAS A.
1967-277 (UCRL-17421)*
- TIVOL, WILLIAM F.
A SEARCH FOR EXCITED STATES OF HELIUM-3. NUCLEAR PHYSICS A101,
109-112 (1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
CLARK, DAVID J. TIVOL, WILLIAM F.
TOMBRELLO, THOMAS A.
1967-293 (UCRL-17422)*
- TIVOL, WILLIAM F.
HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN
10 AND 20 MEV. PHYS. REV. LETTERS 19, NO. 12, 704-705 (SEPT. 18,
1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
BICHEL, HANS TIVOL, WILLIAM F.
1967-333 (UCRL-17669)*
- TOBIAS, CORNELIUS A.
FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES. RADIATION
RESEARCH 31, NO. 3, 2 (JULY 1967).
MACCABEE, HOWARD D. RAJU, MUDUNDI R.
TOBIAS, CORNELIUS A.
1967-262
- TOKUNAGA, CHIYOKO
NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN
DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT. REPRINTED FROM
PROC. OF THE NATIONAL ACADEMY OF SCIENCES 57, NO. 3, 658-661
(MARCH, 1967).
STERN, CURT TOKUNAGA, CHIYOKO
1967-200
- TOMBRELLO, THOMAS A.
THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA)
2P REACTION. PHYSICAL LETTERS 258, NO. 1, 19-22 (JULY 24, 1967).
SLOBODRIAN, RASHID J. MCKEE, JAMES S. C.
TIVOL, WILLIAM F. CLARK, DAVID J.
TOMBRELLO, THOMAS A.
1967-277 (UCRL-17421)*
- TOMBRELLO, THOMAS A.
A SEARCH FOR EXCITED STATES OF HELIUM-3. NUCLEAR PHYSICS A101,
109-112 (1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
CLARK, DAVID J. TIVOL, WILLIAM F.
TOMBRELLO, THOMAS A.
1967-293 (UCRL-17422)*
- TREYTL, WILLIAM
ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES. NUCLEAR
PHYSICS A97, 405-416 (1967).
TREYTL, WILLIAM VALLI, KALEVI
1967-225 (UCRL-17194)*
- TREYTL, WILLIAM
ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.
PHYSICAL REVIEW 161, NO. 4, 1284-1289 (SEPT. 20, 1967).
VALLI, KALVI TREYTL, WILLIAM
HYDE, EARL K.
1967-309 (UCRL-17322)*
- TRILLING, GEORGE H.
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.
PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W. BOWLER, MICHAEL G.
BROWN, JOHN L. GOLDHABER, GERSON
GOLDHABER, SULAMITH SEEGER, VICTOR H.
TRILLING, GEORGE H.
1967-212 (UCRL-17432)*
- TSAO, CHI-WING
INELASTIC SCATTERING OF N2-PLUS BY HELIUM. J. OF CHEMICAL
PHYSICS 47, NO. 5, 1856-1857 (SEPT. 1, 1967).
GENTRY, WILLIAM R. GISLASON, ERIC A.
MAHAN, BRUCE H. TSAO, CHI-WING
1967-302 (UCRL-17647)*
- VALLI, KALEVI
ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES. NUCLEAR
PHYSICS A97, 405-416 (1967).
TREYTL, WILLIAM VALLI, KALEVI
1967-225 (UCRL-17194)*
- VALLI, KALVI
ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.
PHYSICAL REVIEW 161, NO. 4, 1284-1289 (SEPT. 20, 1967).
VALLI, KALVI TREYTL, WILLIAM
HYDE, EARL K.
1967-309 (UCRL-17322)*
- VALLI, KELVI
ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.
PHYSICAL REVIEW 159, NO. 4, 1013-1020 (JULY 20, 1967).
VALLI, KELVI NURMIA, MATTI J.
HYDE, EARL K.
1967-256 (UCRL-16735 REV.)*
- VANDEN BOUT, PAUL
HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND
HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199. PHYSICAL
REVIEW, 158, NO. 4, 1078-1084 (JUNE 20, 1967).
VANDEN BOUT, PAUL EHLERS, VERNON J.
NIERENBERG, WILLIAM SHUGART, HOWARD
1967-237 (UCRL-17297)*
- VAN DYKE, DONALD
DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND
RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE. BLOOD 30,
NO. 3, 364-374 (SEPTEMBER 1967).
VAN DYKE, DONALD SHKURKIN, CAROL
PRICE, DAVID C. YANO, YUKIO
ANGER, HAL O.
1967-245
- VAN DYKE, DONALD
SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND
ERYTHROPOIETIC MARROW. CLINICAL ORTHOPAEDICS NO. 52, PP. 37-51
(1967).
VAN DYKE, DONALD
1967-290
- HALLMANN, JAMES C.
THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF
CURIUM+III(AQ) AND CURIUM CHLORIDE(C). JOURNAL OF INORGANIC AND
NUCLEAR CHEMISTRY 29, 2097-2098 (1967).
WALLMANN, JAMES C. FUGER, JEAN
HAUG, HERMANN MAREI, SAYED A.
BANSAL, BRIJ H.
1967-299 (UCRL-16468)*
- WANG, EDMOND
MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES
OF RADIOACTIVE ISOTOPES. PHYSICAL REVIEW LETTERS 19, NO. 1, 1-3
(JULY 3, 1967).
MARRUS, RICHARD WANG, EDMOND
YELLIN, JOSEPH
1967-222 (UCRL-17580)*
- WANG, JIUNN-MING
DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING. PHYSICAL
REVIEW 159, NO. 5, 1645-1647 (MARCH 25, 1967).
FREEDMAN, DANIEL Z. JONES, C. EDWARD
WANG, JIUNN-MING
1967-166 (UCRL-17113)*
- WANG, JIUUN-MIN
O(4) SYMMETRY AND REGGE BEHAVIOR THEORY. PHYSICAL REVIEW 160, NO.
5, 1560-1571 (AUGUST 25, 1967).
FREEDMAN, DANIEL Z. WANG, JIUUN-MIN
1967-305
- WANG, LING-LIE
REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND
NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.
PHYS. REV. 161, NO. 5, 1563-1570 (SEPT. 25, 1967).
CHIU, CHARLES B. CHU, SHU-YUAN
WANG, LING-LIE
1967-310 (UCRL-17302)*
- WARREN, MITCHUM E.
THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE
BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS
WITH CARBON-14 DIOXIDE. BIOCHEMISTRY 6, 2355-2363 (1967).
MARTIN, ROBERT O. WARREN, MITCHUM E.
RAPPOORT, HENRY
1967-236
- WASHBURN, JACK
THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD. PHILOSOPHICAL
MAGAZINE 16, NO. 141, 459-466 (SEPT. 1967).
YOKOTA, MICHAEL J. WASHBURN, JACK
1967-282 (UCRL-17146)*
- WATSON, KENNETH M.
THEORY OF SEQUENTIAL DECAYS. PHYS. REV. 160, NO. 5, 1151-1164
(AUGUST 25, 1967).
GOLDHABER, ALFRED S. WATSON, KENNETH M.
1967-297 (UCRL-17458)*
- WATSON, RAND L.
MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.
REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 905-909 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O.
BOWMAN, HARRY R. THOMPSON, STANLEY G.
1967-230 (UCRL-17358)*
- WATSON, RAND L.
ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT
ATOMS. JOURNAL OF CHEMICAL PHYSICS 47 NO. 2, 778-783 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O.
1967-266 (UCRL-17290)*

- WATSON, RAND L.
K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION PRODUCTS. PHYS. REV. 162, NO. 4, 1169-1174 (OCT. 20, 1967).
WATSON, RAND L. BOWMAN, HARRY R.
THOMPSON, STANLEY G.
1967-320 (UCRL-17518)*
- WELSH, LELAND M.
CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON. PHYSICAL REVIEW 158, NO. 1, 85-92 (JUNE 5, 1967).
WELSH, LELAND M. BERKNER, KLAUS H.
KAPLAN, SELIG N. PYLE, ROBERT V.
1967-231 (UCRL-16765 REV.)*
- WENZEL, WILLIAM A.
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW 155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V.
CORK, BRUCE KEEFE, DENIS
KERTH, LEROY T. LAYSON, W. M.
WENZEL, WILLIAM A.
1967-177 (UCRL-16089, REV. 2)
- WILKE, CHARLES R.
EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS MIXTURES. A. I. CH. E. 13, NO. 3, 577-580 (1967).
GETZINGER, RICHARD W. WILKE, CHARLES R.
1967-279 (UCRL-9987 REV. 2)*
- WILLIAMS, MARILYN H.
CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT. CANCER RESEARCH 27, PART 1, 1341-1347 (AUGUST 1967).
DURBIN, PATRICIA W. JEUNG, NYLAN
WILLIAMS, MARILYN H. ARNOLD, JAMES S.
1967-268
- WINCHELL, HARRY S.
HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY. BLOOD 30, NO. 4, 417-424 (OCTOBER 1967).
FANWAZ, RASHID A. WINCHELL, HARRY S.
POLLYCOVE, MYRON SARGENT, THORNTON
1967-267
- WINDSOR, ALFRED A.
AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC ULTRACENTRIFUGE. REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 949-952 (JULY, 1967).
WINDSOR, ALFRED A. RICH, THOMAS H.
DOYLE, ROBERT E. LINDGREN, FRANK T.
1967-243 (UCRL-16982 REV.)*
- WYNBLATT, PAUL P.
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE ORDERED AND CLUSTERED ALLOYS. ACTA METALLURGICA 15, 1035-1043 (JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL P.
DORN, JOHN
1967-198 (UCRL-16928)*
- WYNBLATT, PAUL
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE ORDERED ALLOYS. ACTA METALLURGICA 15, 1045-1056 (JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL
DORN, JOHN E.
1967-197 (UCRL-16921)*
- YANO, YUKIO
DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE. BLOOD 30, NO. 3, 364-374 (SEPTEMBER 1967).
VAN DYKE, DONALD SHKURKIN, CAROL
PRICE, DAVID C. YANO, YUKIO
ANGER, HAL O.
1967-245
- YELLIN, JOSEPH
MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES. PHYSICAL REVIEW LETTERS 19, NO. 1, 1-3 (JULY 3, 1967).
MARRUS, RICHARD WANG, EDMOND
YELLIN, JOSEPH
1967-222 (UCRL-17580)*
- YOKOTA, MICHAEL J.
THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD. PHILOSOPHICAL MAGAZINE 16, NO. 141, 459-466 (SEPT. 1967).
YOKOTA, MICHAEL J. WASHBURN, JACK
1967-282 (UCRL-17146)*
- YOUNG, JONATHAN
NUMERICAL APPLICATIONS OF CUBIC SPLINE FUNCTIONS. THE LOGISTICS REVIEW 3, NO. 14, 9-14 (1967).
YOUNG, JONATHAN
1967-295 (UCRL-17742)*
- YOUNG, POH-SHIEN
NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN EMULSION. PHYSICAL REVIEW 156, NO. 5, 1464-1474 (APRIL 25, 1967).
YOUNG, POH-SHIEN OSBORNE, W. Z.
BARKAS, WALTER H.
1967-199 (UCRL-16973)*
- ZACKAY, VICTOR F.
DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS. PROC. OF THE INTERN. CONF. ON FRACTURE (1965) VOL. 2, PP. 835-847.
PARKER, EARL R. CARPENTER, RAY
ZACKAY, VICTOR F.
1967-172 (UCRL-16326)*
- ZACKAY, VICTOR F.
THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS. TRANSACTIONS QUARTERLY 60, NO. 2, 252-259 (JUNE, 1967).
ZACKAY, VICTOR F. PARKER, EARL R.
FAHR, DIETER BUSCH, RAYMOND
1967-202
- ZALKIN, ALLAN
THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE. J. OF INORGANIC CHEMISTRY 6, 1906-1910 (1967).
DREW, MICHAEL TEMPLETON, DAVID H.
ZALKIN, ALLAN
1967-301
- ZALKIN, ALLAN
THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO. J. OF INORGANIC CHEMISTRY 6, 1911-1915 (1967).
ZALKIN, ALLAN HOPKINS, TED E.
TEMPLETON, DAVID H.
1967-303 (UCRL-17371)*

SECTION II. KEYWORD INDEX

ABSORPTION	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
ACCELERATION	AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC ULTRACENTRIFUGE.	243
ACCELERATORS	THE DEVELOPMENT OF HIGH-ENERGY ACCELERATORS (BOOK REVIEW).	328
ACIDS	THE DEPROTONATION OF WEAK ACIDS.	217
ACROMEGALIC	PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND ACROMEGALIC PATIENTS.	317
ACTIVATION	ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES.	288
ADIABATIC	NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE MOTION IN A DIPOLE MAGNETIC FIELD.	273
AIRBORNE	AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966.	274
ALIGNMENT	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
ALKALOIDS	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
ALLOYS	DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS.	172
ALLOYS	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE ORDERED ALLOYS.	197
ALLOYS	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE ORDERED AND CLUSTERED ALLOYS.	198
ALLOYS	PROBLEMS AND PROGRESS IN THE THERMODYNAMICS OF METALS AND ALLOYS.	254
ALLOYS	GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS.	296
ALPHA	COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M.	167
ALPHA	ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES.	225
ALPHA	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
ALPHA	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES.	261
ALPHA	THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA) 2P REACTION.	277
ALPHA	ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.	309
ALTITUDE	SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS.	201
ALUMINUM	DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES.	176
ALUMINUM	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER-ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
ALUMINUM	AN EXPERIMENTAL EQUATION OF STATE FOR ALUMINUM TO THE DEBYE APPROXIMATION.	275
ALUMINUM	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
ALUMINUM-1	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
AMALGAMATION	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
AMALGAMS	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
AMBIGUITIES	AMBIGUITIES IN THE PHENOMENOLOGICAL DETERMINATION OF REGGE-POLE PARAMETERS.	259
AMIDE	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
AMINE	AMINE EXTRACTION SYSTEMS.	270
AMINOPURINES	MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION.	255
AMMONIA	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
AMPLIFIERS	'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO FREQUENCIES.	187
ANALYTICITY	ANALYTICITY PROPERTIES OF HELICITY AMPLITUDES.	304
ANALYZED	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
ANIMAL	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
ANIONS	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271

ANNEALING	THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD.	282
ANOMALIES	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
ANOMALOUS	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226
ANOMALOUS	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
ANTIXI	ANTIXI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C.	327
AQUEOUS	MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION.	255
ARGON	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
ASTATINE	ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES.	225
ATHEROSCLEROSIS	ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL STUDIES.	221
ATOMIC	ATOMIC BEAM MAGNETIC RESONANCE.	169
ATOMS	ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS.	266
AUDIO	'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO FREQUENCIES.	187
AUTOMATIC	AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC ULTRACENTRIFUGE.	243
BABOONS	ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL STUDIES.	221
BACTERIA	TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA.	323
BACTERIOPHAGES	UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS.	263
BASICITY	THE INTRINSIC BASICITY OF THE HYDROXIDE ION.	190
BEAM	ATOMIC BEAM MAGNETIC RESONANCE.	169
BENZYL-TETRAHYDRO	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
BERKELEY	NUCLEON-NUCLEON SCATTERING EXPERIMENT AT INTERMEDIATE ENERGIES IN BERKELEY.	269
BERKELIUM	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
BETA-GALACTOSIDASE	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
BETHE-SALPETER	PHASE SHIFTS FROM THE BETHE-SALPETER DIFFERENTIAL EQUATION.	183
BETHE-SALPETER-EQ.	MASS PERTURBATIONS IN A BETHE-SALPETER-EQUATION MODEL OF THE NUCLEON.	249
BEV/C	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C -- THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
BEV/C	POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM P1-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C.	177
BINARY	POLAROGRAPHY IN A BINARY SALT SOLUTION.	171
BINARY	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONG-RANGE ORDERED ALLOYS.	197
BINARY	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE ORDERED AND CLUSTERED ALLOYS.	198
BINDING	ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS.	266
BIOCHEMICAL	ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL STUDIES.	221
BIOELECTRIC	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON- ACCELERATED ALPHA PARTICLES.	261
BIOSYNTHESIS	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
BISMUTH	THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.	229
BISMUTH	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
BLOCKADE	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
BLOOD	SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND ERYTHROPOIETIC MARROW.	290
BOOK	THE DEVELOPMENT OF HIGH-ENERGY ACCELERATORS (BOOK REVIEW).	328
BORON	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
BORON-11	CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV.	180

BOTULINAL	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
BOUNDARY	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
BRANCHING	NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN EMULSION.	199
BRITTLE	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
BURST	HIGH-REPETITION-RATE BURST PULSER.	251
CALIFORNIUM	NEW CALIFORNIUM ISOTOPE CALIFORNIUM-242.	206
CALIFORNIUM	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
CALIFORNIUM	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
CALIFORNIUM-242	NEW CALIFORNIUM ISOTOPE CALIFORNIUM-242.	206
CALIFORNIUM-243	DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244.	207
CALIFORNIUM-244	DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244.	207
CALIFORNIUM-252	K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION PRODUCTS.	320
CALLOSUM	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON- ACCELERATED ALPHA PARTICLES.	261
CAPTURE	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
CARBON	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
CARBON	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
CARBON	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
CARBON-10	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
CARBON-12	CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV.	180
CARBON-12(P,T)	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
CARBON-14	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
CARBON-17	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
CATABOLITE	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
CELLS	UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS.	263
CELLS	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
CENTRIFUGAL	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
CERAMIC	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
CEREVISIAE	SUPER-SUPPRESSORS IN SACCHAROMYCES CEREVISIAE.	228
CERULUS-MARTIN	POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.	321
CHARGE-EXCHANGE	PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.	203
CHARGE-EXCHANGE	HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS.	204
CHLORIDE	ENERGY LEVELS OF HOLMIUM+III IN LANTHANUM CHLORIDE.	214
CHLORIDE	PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE CHLORIDE.	292
CHLORIDE(C	THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C).	299
CHOLINE	PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE CHLORIDE.	292
CHYLOMICRON	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189

CLEAN	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
CLIMB	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESTIUM.'	315
CLUSTERED	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE ORDERED AND CLUSTERED ALLOYS.	198
COINCIDENCE	MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.	230
COLI	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
COLI	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
COLLISIONS	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
COLLOIDAL	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
COMB	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT.	200
COMPLEXES	VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I.	316
COMPOSITES	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
COMPOUNDS	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
COMPOUNDS	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
CONFUSUM	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
CONSTRUCTION	CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT.	268
COPPER	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
CORIOLIS	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
CORPUS	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES.	261
CORTICAL	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
COUPLED-CHANNEL	COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M.	167
COUPLING	EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY.	208
COUPLING	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
CRITICAL	DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2 MAGNETIC FIELD AT HIGH RESOLUTION.	294
CROSS	MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B STATE OF IODINE.	179
CROSS	HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS.	204
CROSS	POSSIBLE NONADDITIVITY OF QUARK AMPLITUDES IN HIGH-ENERGY CROSS SECTIONS.	210
CROSS	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
CROSS-DISCONTINU	THE CROSS-DISCONTINUITY CONDITION IN S-MATRIX THEORY.	232
CRYSTAL	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
CRYSTAL	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
CRYSTAL	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
CRYSTAL	THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO.	303
CRYSTAL	THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL.	318
CRYSTALLINE	PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE CHLORIDE.	292
CRYSTALLOGRAPHY	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242

CRYSTALS	DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS.	168
CRYSTALS	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
CS(B9C2H11)2CO	THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO.	303
CUBIC	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
CUBIC	NUMERICAL APPLICATIONS OF CUBIC SPLINE FUNCTIONS.	295
CURIUM	THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C).	299
CURIUM+III(AQ)	THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C).	299
CYCLOTRON	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES.	261
DAMPING	DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS.	168
DAMPING	DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES.	176
DAUGHTER	DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING.	166
DE-REPRESSION	THE REGULATORY PROCESS IN THE DE-REPRESSION OF ENZYME SYNTHESIS.	205
DEBYE	AN EXPERIMENTAL EQUATION OF STATE FOR ALUMINUM TO THE DEBYE APPROXIMATION.	275
DECAY	COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M.	167
DECAY	NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS IN THE DECAY OF LUTECIUM-177M.	184
DECAY	NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN EMULSION.	199
DECAY	DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244.	207
DECAY	SEARCH FOR DECAY MODES N GOES TO PI-PLUS PI-MINUS PI-ZERO NU AND N GOES TO PI-PLUS PI-MINUS NU-NU.	216
DECAY	ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES.	225
DECAY	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
DECAY	EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY.	258
DECAYS	THEORY OF SEQUENTIAL DECAYS.	297
DECOMPOSITION	DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS.	172
DECOMPOSITION	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
DEFICIENT	ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES.	225
DEFICIENT	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
DEFORMATION	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
DELTA-K	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
DEPOSITION	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
DEPRESSION	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
DEPROTONATION	THE DEPROTONATION OF WEAK ACIDS.	217
DETECTORS	ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES.	288
DEUTERON	HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS.	204
DEVICE	MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.	230
DEVONIAN	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
DIFFERENTIAL	PHASE SHIFTS FROM THE BETHE-SALPETER DIFFERENTIAL EQUATION.	183
DIFFERENTIATION	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT.	200
DIFFRACTION	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
DIFFUSION	THE EFFECT OF MIGRATION IN LAMINAR DIFFUSION LAYERS.	209
DIFFUSION	EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS MIXTURES.	279
DIFFUSION	DIFFUSION OF XENON IN URANIUM MONOCARBIDE.	281
DIMENSIONAL	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
DIMETHOXYPHENE	A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-DIMETHOXYPHENETHYLAMINE (DMPEA).	284

DIOXIDE	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
DIOXIDE	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
DIPOLE	NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE MOTION IN A DIPOLE MAGNETIC FIELD.	273
DISEASE	DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE.	245
DISLOCATION	DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS.	168
DISLOCATION	DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES.	176
DISLOCATION	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER-ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
DISLOCATION	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
DISPERSION	EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY.	208
DMPEA	A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-DIMETHOXYPHENETHYLAMINE (DMPEA).	284
DO-IT-YOURSELF	'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO FREQUENCIES.	187
DOSE	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
DROSOPHILA	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA. I. THE SEX COMB OF EYELESS-DOMINANT.	200
DROSOPHILA	FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.	223
DRYING	SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR EMULSIONS.	196
DUCTILITY	THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS.	202
E-PLUS	EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY.	258
ECLIPSE	AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966.	274
EEG	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
EINSTEINIUM	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
ELECTRICAL	THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.	229
ELECTRODES	OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES.	192
ELECTROLYTE	OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES.	192
ELECTROLYTES	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO ₃ -DNO ₃ -H ₂ O-D ₂ O.	213
ELECTRON	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
ELECTRON	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
ELECTRON	MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.	230
ELECTRON	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
ELECTRON	ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER IN THE SOLID STATE.	234
ELECTRON	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
ELECTRON	ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS.	266
ELECTRON	ELECTRON SPIN RESONANCE SPECTRA OF THE RADICAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
ELECTRON	PHENOMENON OF THE METASTABLE STATE COHERENTLY EXCITED BY ELECTRON IMPACT.	306
ELECTRON-DIFFRAC	LOW ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
ELECTROPHORESIS	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
ELECTROPHYSIOLOGI	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
ELEMENT	THE SEARCH FOR ELEMENT 102.	313
ELEMENT	GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.	326

ELEMENTAL	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
ELEMENTS	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
EMANATION	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
EMISSION	THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN PHOTOSYNTHESIS.	280
EMULSION	NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN EMULSION.	199
EMULSIONS	SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR EMULSIONS.	196
ENERGIES	ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS.	266
ENERGIES	NUCLEON-NUCLEON SCATTERING EXPERIMENT AT INTERMEDIATE ENERGIES IN BERKELEY.	269
ENERGIES	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
ENERGY	NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS IN THE DECAY OF LUTECIUM-177M.	184
ENERGY	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
ENERGY	ENERGY LEVELS OF HOLMIUM+III IN LANTHANUM CHLORIDE.	214
ENERGY	FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES.	262
ENERGY	SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.	283
ENERGY	THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL.	318
ENERGY	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
ENZYME	THE REGULATORY PROCESS IN THE DE-REPRESSION OF ENZYME SYNTHESIS.	205
EQUATION	PHASE SHIFTS FROM THE BETHE-SALPETER DIFFERENTIAL EQUATION.	183
EQUATION	NUMERICAL SOLUTION OF THE MINIMAL SURFACE EQUATION.	219
EQUATION	THE KOUTECKY CORRECTION TO THE ILKOVIC EQUATION.	264
EQUATION	AN EXPERIMENTAL EQUATION OF STATE FOR ALUMINUM TO THE DEBYE APPROXIMATION.	275
EQUATION	KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA.	307
EQUATIONS	EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY.	208
ERYTHROPOIETIC	DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE.	245
ERYTHROPOIETIC	SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND ERYTHROPOIETIC MARROW.	290
ESCHERICHIA	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
ESCHERICHIA	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
ETA	SEARCH FOR ETA GOES TO PI-PLUS + PI-MINUS + PI-ZERO + GAMMA.	182
ETIOPORPHYRIN	VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I.	316
EXCHANGE	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
EXCHANGE	VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIOE SEPARATIONS.	300
EXCHANGE	K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.	322
EXTRACTION	AMINE EXTRACTION SYSTEMS.	270
EYELESS-DOMINANT	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT.	200
E1	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
FACE	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
FACES	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
FACILITIES	PUBLIC REACTIONS TO NUCLEAR FACILITIES.	291
FAULT	THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD.	282
FAULT	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315

FCC	THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL.	318
FEDAK	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226
FERMIUM	THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS 1. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM.	240
FERMIUM-257	NUCLEAR SPECTROSCOPIC STUDIES OF FERMIUM-257.	238
FERTILIZATION	FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.	223
FET	GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.	326
FILMS	OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES.	192
FIRST-PASS	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
FISSION	SOME ASPECTS OF THE STUDY OF FISSION.	285
FISSION	K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION PRODUCTS.	320
FISSION-FRAGMENT	ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS.	266
FIXED-MOMENTUM	POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.	321
FIXED-U	FIXED-U SUM RULES IN PION-NUCLEON SCATTERING.	308
FLOW	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
FLOW	SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND ERYTHROPOIETIC MARROW.	290
FLUCTUATIONS	FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES.	262
FLUID	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
FLUORIDE	EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.	248
FOCUSING	DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2 MAGNETIC FIELD AT HIGH RESOLUTION.	294
FRACTIONS	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
FRACTURE	DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS.	172
FRACTURE	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
FREE-ENERGY	THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN PHOTOSYNTHESIS.	280
FREQUENCIES	'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO FREQUENCIES.	187
FREQUENCY	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
FUNCTIONS	THERMODYNAMIC FUNCTIONS OF IRON.	233
FUNCTIONS	NUMERICAL APPLICATIONS OF CUBIC SPLINE FUNCTIONS.	295
GALLIUM	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
GAMMA	SEARCH FOR ETA GOES TO PI-PLUS + PI-MINUS + PI-ZERO + GAMMA.	182
GAMMA	ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH HEAVY IONS.	193
GAS	OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES.	192
GAS	EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS MIXTURES.	279
GAS	DETERMINATION OF MASS OF LARGE GAS VOLUMES BY DIRECT WEIGHTING.	289
GAS-LIQUID	GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE -- PART I. THEORY.	272
GENES	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
GENES	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA. I. THE SEX COMB OF EYELESS-DOMINANT.	200
GERMANE	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
GERMANIUM	GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.	326
GEV/C	ANTI-XI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C.	327
GJOSTEIN	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226

GLUCOSE	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
GOLD	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
GOLD	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226
GOLD	THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD.	282
GOLD	GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS.	296
GOLD-PLATINUM	DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS.	172
GOLD-PLATINUM	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
GOLD-198	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
GOLD-199	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
GROUND	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
HAFNIUM-177	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
HALF-INTEGRAL	NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL ISOSPIN.	215
HEAT	THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C).	299
HEATING	SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR EMULSIONS.	196
HEATS	THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C).	299
HEAVY-ION	HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY.	286
HELICITY	ANALYTICITY PROPERTIES OF HELICITY AMPLITUDES.	304
HELIUM	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
HELIUM	INELASTIC SCATTERING OF N2-PLUS BY HELIUM.	302
HELIUM-3	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
HELIUM-3	THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA) 2P REACTION.	277
HELIUM-3	A SEARCH FOR EXCITED STATES OF HELIUM-3.	293
HEMATOLOGIC	DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARRON IN HEMATOLOGIC DISEASE.	245
HEPATIC	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
HETEROCYCLICS	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
HEXAGONAL	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
HIGH-ENERGY	HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.	173
HIGH-ENERGY	HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS.	204
HIGH-ENERGY	POSSIBLE NONADDITIVITY OF QUARK AMPLITUDES IN HIGH-ENERGY CROSS SECTIONS.	210
HIGH-ENERGY	THE DEVELOPMENT OF HIGH-ENERGY ACCELERATORS (BOOK REVIEW).	328
HIGH-PRECISION	HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV.	333
HIGH-REPETITION	HIGH-REPETITION-RATE BURST PULSER.	251
HNO3-DNO3-H2O-D2O	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO3-DNO3-H2O-D2O.	213
HOLMIUM+III	ENERGY LEVELS OF HOLMIUM+III IN LANTHANUM CHLORIDE.	214
HORMONE	PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND ACROMEGALIC PATIENTS.	317
HOST	UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS.	263
HOT-PRESSING	EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.	248
HUMANS	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
HYBRID	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
HYDROCARBON	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194

HYDROGEN	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
HYDROGEN	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
HYDROXIDE	THE INTRINSIC BASICITY OF THE HYDROXIDE ION.	190
HYPERFINE	MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES.	222
HYPERFINE	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
HYPERFINE-STRUC	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
IDENTICAL	PARASTATISTICS AND A UNIFIED THEORY OF IDENTICAL PARTICLES.	324
ILKOVIC	THE KOUTECKY CORRECTION TO THE ILKOVIC EQUATION.	264
IN-BEAM	HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY.	286
INDIUM	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
INDIVIDUALS	PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND ACROMEGALIC PATIENTS.	317
INELASTIC	INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.	212
INELASTIC	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
INELASTIC	INELASTIC SCATTERING OF N ₂ -PLUS BY HELIUM.	302
INFRARED	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
INJECTIONS	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
INTEGRALS	EVALUATION OF PHASE-SPACE INTEGRALS.	211
INTENSITY	NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS IN THE DECAY OF LUTECIUM-177M.	184
INTERACTINIDE	VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIDE SEPARATIONS.	300
INTESTINALLY	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
INTOXICATION	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
INTRINSIC	THE INTRINSIC BASICITY OF THE HYDROXIDE ION.	190
INVARIANT	NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE MOTION IN A DIPOLE MAGNETIC FIELD.	273
INVENTORY	PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE CHLORIDE.	292
INVOLVEMENT	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
IODINE	MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B STATE OF IODINE.	179
IODINE	SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS.	201
ION	THE INTRINSIC BASICITY OF THE HYDROXIDE ION.	190
ION	VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIDE SEPARATIONS.	300
IONIZATION	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO ₃ -DNO ₃ -H ₂ O-D ₂ O.	213
IONIZED	ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS.	266
IONS	ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH HEAVY IONS.	193
IRON	THERMODYNAMIC FUNCTIONS OF IRON.	233
IRON	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
IRON-BUILDING	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
IRON-57	EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL METAL.	218
ISOLATION	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189

ISOLATION	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
ISOPRENOID	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
ISOSPIN	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
ISOSPIN	NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL ISOSPIN.	215
ISOTOPE	NEW CALIFORNIUM ISOTOPE CALIFORNIUM-242.	206
ISOTOPE	DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244.	207
ISOTOPE	MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES.	222
ISOTOPE	ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES.	225
ISOTOPE	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
ISOTOPE	ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.	309
K-MINUS-P	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
K-PLUS	EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY.	258
K-PLUS	K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.	322
K-PLUS	ANTI-XI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C.	327
K-PLUS-MESON	NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN EMULSION.	199
K-PLUS-P	INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.	212
K-X-RAY	K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION PRODUCTS.	320
K-ZERO	POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C.	177
KILOBARS	THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.	229
KINETIC	KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA.	307
KINETICS	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
KOUTECKY	THE KOUTECKY CORRECTION TO THE ILKOVIC EQUATION.	264
L=0	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
L=2	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
LAC	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
LAMBDA	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
LAMINAR	THE EFFECT OF MIGRATION IN LAMINAR DIFFUSION LAYERS.	209
LANTHANUM	ENERGY LEVELS OF HOLMIUM+III IN LANTHANUM CHLORIDE.	214
LATENT	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
LATENT	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
LATTICE	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
LATTICE	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
LAYERS	THE EFFECT OF MIGRATION IN LAMINAR DIFFUSION LAYERS.	209
LEAD	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
LEAD-208	ANALYSIS OF THE LEAD-208 (P,T) REACTION.	181
LIFE	THE STRUGGLE FOR LIFE. PART I. TWO SPECIES.	298
LIFETIME	PION-ANTIPION LIFETIME COMPARISON.	191
LIFETIMES	MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B STATE OF IODINE.	179
LIFETIMES	COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES.	224
LIFETIMES	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260

LIPOPROTEIN	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
LIPOPROTEINS LIQUIDS	ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS. SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.	220 283
LITHIUM	EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.	248
LIVING	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
LOCK-IN	'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO FREQUENCIES.	187
LONGE-RANGE	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE ORDERED ALLOYS.	197
LOW-ENERGY	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
LOW-NOISE	GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.	326
LUTECIUM-177M	NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS IN THE DECAY OF LUTECIUM-177M.	184
MAGNESIUM	EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.	248
MAGNESIUM	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
MAGNESIUM-24	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
MAGNESIUM-26(P,T)	ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.	319
MAGNETIC	ATOMIC BEAM MAGNETIC RESONANCE.	169
MAGNETIC	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO ₃ -DNO ₃ -H ₂ O-D ₂ O.	213
MAGNETIC	MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.	230
MAGNETIC	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
MAGNETIC	NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE MOTION IN A DIPOLE MAGNETIC FIELD.	273
MAGNETIC	DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2 MAGNETIC FIELD AT HIGH RESOLUTION.	294
MAGNETIC	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
MAGNETIC-MOMENT	NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE MOTION IN A DIPOLE MAGNETIC FIELD.	273
MAMMARY	CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT.	268
MANIFESTATIONS	ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL INTOXICATION -- DEPRESSION OF CORTICAL EEG.	287
MARROW	DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE.	245
MARROW	SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND ERYTHROPOIETIC MARROW.	290
MASS	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
MASS	EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY.	208
MASS	MASS PERTURBATIONS IN A BETHE-SALPETER-EQUATION MODEL OF THE NUCLEON.	249
MASS	GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE -- PART I. THEORY.	272
MASS	DETERMINATION OF MASS OF LARGE GAS VOLUMES BY DIRECT WEIGHTING.	289
MASS	MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING.	329
MATRIX	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
MEASUREMENT	MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B STATE OF IODINE.	179
MEASUREMENT	MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES.	222
MEASUREMENT	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
MEASUREMENT	HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV.	333
MEASUREMENTS	SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.	283

MESON-BARYON	MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING.	329
METABOLIC	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
METABOLISM	SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS.	201
METAL	EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL METAL.	218
METAL	THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF CURIUM+III(AQ) AND CURIUM CHLORIDE(C).	299
METAL	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
METALLIC	SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.	283
METALS	PROBLEMS AND PROGRESS IN THE THERMODYNAMICS OF METALS AND ALLOYS.	254
METASTABILITY	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
METASTABLE	PHENOMENON OF THE METASTABLE STATE COHERENTLY EXCITED BY ELECTRON IMPACT.	306
MEV/C	INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.	212
MICROMECHANICAL	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
MICROSCOPY	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
MIGRATION	THE EFFECT OF MIGRATION IN LAMINAR DIFFUSION LAYERS.	209
MINIMAL	NUMERICAL SOLUTION OF THE MINIMAL SURFACE EQUATION.	219
MINUS-1	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
MODULATED	GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS.	296
MOLECULAR	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
MOLECULAR	THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL.	318
MOMENTS	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
MOMENTUM	STUDY OF BRANCH POINTS IN THE ANGULAR MOMENTUM PLANE.	265
MONOCARBIDE	DIFFUSION OF XENON IN URANIUM MONOCARBIDE.	281
MOSSBAUER	EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL METAL.	218
MUTANT	FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.	223
NEUTRON	ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES.	225
NEUTRON	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
NEUTRON	ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES.	288
NEUTRON	K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.	322
NEUTRON-DEFICIENT	ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.	309
NICKEL	EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL METAL.	218
NITRIDE	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
NITROGEN	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
NITROGEN	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
NITROGEN	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
NITROGEN-14	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
NO-COMPENSATION	REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.	310
NONADDITIVITY	POSSIBLE NONADDITIVITY OF QUARK AMPLITUDES IN HIGH-ENERGY CROSS SECTIONS.	210
NONAUTONOMY	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT.	200
NONEQUIMOLAL	EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS MIXTURES.	279

NONEXISTENCE	NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL ISOSPIN.	215
NU	SEARCH FOR DECAY MODES N GOES TO PI-PLUS PI-MINUS PI-ZERO NU AND N GOES TO PI-PLUS PI-MINUS NU-NU.	216
NU	EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY.	258
NU-NU	SEARCH FOR DECAY MODES N GOES TO PI-PLUS PI-MINUS PI-ZERO NU AND N GOES TO PI-PLUS PI-MINUS NU-NU.	216
NUCLEAR	SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR EMULSIONS.	196
NUCLEAR	NUCLEAR REACTION Q-VALUES.	235
NUCLEAR	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
NUCLEAR	NUCLEAR SPECTROSCOPIC STUDIES OF FERMIUM-257.	238
NUCLEAR	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
NUCLEAR	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
NUCLEAR	NUCLEAR MODELS.	252
NUCLEAR	PUBLIC REACTIONS TO NUCLEAR FACILITIES.	291
NUCLEAR	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
NUCLEATED	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
NUCLEON	MASS PERTURBATIONS IN A BETHE-SALPETER-EQUATION MODEL OF THE NUCLEON.	249
NUCLEON-NUCLEON	HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.	173
NUCLEON-NUCLEON	NUCLEON-NUCLEON SCATTERING EXPERIMENT AT INTERMEDIATE ENERGIES IN BERKELEY.	269
NUCLEON-NUCLEON	REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.	310
NUMERICAL	NUMERICAL SOLUTION OF THE MINIMAL SURFACE EQUATION.	219
NUMERICAL	NUMERICAL APPLICATIONS OF CUBIC SPLINE FUNCTIONS.	295
N2-PLUS	INELASTIC SCATTERING OF N2-PLUS BY HELIUM.	302
O(4)	O(4) SYMMETRY AND REGGE BEHAVIOR THEORY.	305
OCTUPOLE	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
OMEGA	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
OPIUM	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOUQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
OPTICAL	OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES.	192
OPTICALLY	MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES.	222
ORANGE	FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.	223
ORIENTED	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
OSMIUM-184	THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188.	195
OSMIUM-186	THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188.	195
OSMIUM-188	THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188.	195
OXIDATION	MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION.	255
OXIDE	EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE.	248
OXYGEN-14	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
P-P	POSSIBLE OBSERVATIONS OF VACUUM POLARIZATION EFFECTS IN THE 1-S-ZERO P-P STATE.	276
P,T	ANALYSIS OF THE LEAD-208 (P,T) REACTION.	181
P,2P	CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV.	180
PALLADIUM	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
PAPER	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226
PARAMAGNETIC	ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER IN THE SOLID STATE.	234
PARASTATISTICS	PARASTATISTICS AND A UNIFIED THEORY OF IDENTICAL PARTICLES.	324

PARTICLE	NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE MOTION IN A DIPOLE MAGNETIC FIELD.	273
PARTICLE	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON $\Delta K = -1$ E1 TRANSITIONS IN HAFNIUM-177.	325
PARTICLES	NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL ISOSPIN.	215
PARTICLES	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES.	261
PARTICLES	FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES.	262
PARTICLES	PARASTATISTICS AND A UNIFIED THEORY OF IDENTICAL PARTICLES.	324
PATHOLOGICAL	ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL STUDIES.	221
PATIENTS	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
PATIENTS	PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND ACROMEGALIC PATIENTS.	317
PATTERN-DETERM	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT.	200
PEAK	INELASTIC PROCESSES NEAR THE $T=1$ $K+P$ PEAK AT 1250 MEV/C.	212
PERTURBATIONS	MASS PERTURBATIONS IN A BETHE-SALPETER-EQUATION MODEL OF THE NUCLEON.	249
PERTURBED	EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY.	208
PHAGOCYTOSIS	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
PHASE-SHIFT	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
PHASE-SPACE PHENOMENON	EVALUATION OF PHASE-SPACE INTEGRALS. PHENOMENON OF THE METASTABLE STATE COHERENTLY EXCITED BY ELECTRON IMPACT.	211 306
PHOTOCHEMICAL PHOTOSYNTHESIS	SOME THERMODYNAMICS OF PHOTOCHEMICAL SYSTEMS. THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN PHOTOSYNTHESIS.	250 280
PHOTOSYNTHETIC	TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA.	323
PI-MINUS	SEARCH FOR η GOES TO π^+ + π^- + π^0 + γ .	182
PI-MINUS	SEARCH FOR DECAY MODES N GOES TO π^+ π^- π^0 ν AND N GOES TO π^+ π^- ν .	216
PI-MINUS	COMPARISON OF π^+ AND π^- LIFETIMES.	224
PI-MINUS-P	POLARIZATION AND ANGULAR DISTRIBUTIONS OF σ^0 FROM $\pi^- K^0$ σ^0 NEAR 1.3 BEV/C.	177
PI-PLUS	SEARCH FOR η GOES TO π^+ + π^- + π^0 + γ .	182
PI-PLUS	SEARCH FOR DECAY MODES N GOES TO π^+ π^- π^0 ν AND N GOES TO π^+ π^- ν .	216
PI-PLUS	COMPARISON OF π^+ AND π^- LIFETIMES.	224
PI-ZERO	SEARCH FOR η GOES TO π^+ + π^- + π^0 + γ .	182
PI-ZERO	SEARCH FOR DECAY MODES N GOES TO π^+ π^- π^0 ν AND N GOES TO π^+ π^- ν .	216
PI-ZERO	EXPERIMENTAL STUDY OF K^+ GOES TO π^0 + e^+ + ν DECAY.	258
PI-2	DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF π^2 MAGNETIC FIELD AT HIGH RESOLUTION.	294
PION-ANTIPIION	PION-ANTIPIION LIFETIME COMPARISON.	191
PION-NUCLEON	FIXED-U SUM RULES IN PION-NUCLEON SCATTERING.	308
PION-NUCLEON	REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.	310
PION-PROTON	PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.	203
PLANE	STUDY OF BRANCH POINTS IN THE ANGULAR MOMENTUM PLANE.	265
PLASMA	HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY.	267
PLASMA	KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA.	307
PLASMA	PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND ACROMEGALIC PATIENTS.	317
PLATINUM	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
PLATINUM	GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS.	296
POLARIZATION	POLARIZATION AND ANGULAR DISTRIBUTIONS OF σ^0 FROM $\pi^- K^0$ σ^0 NEAR 1.3 BEV/C.	177
POLARIZATION	POSSIBLE OBSERVATIONS OF VACUUM POLARIZATION EFFECTS IN THE $1^- S^0 P^- P$ STATE.	276
POLARIZATION	HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV.	333

POLAROGRAPHY	POLAROGRAPHY IN A BINARY SALT SOLUTION.	171
POLES	HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.	173
POLONIUM-212M	COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M.	167
POLYCRYSTALS	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
POLYSPERMY	FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.	223
POOL	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
POWER	POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.	321
PREAMPLIFIERS	GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.	326
PRECIPITATION	SOME INVESTIGATIONS OF PRECIPITATION.	170
PRECISE	NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS IN THE DECAY OF LUTECIUM-177M.	184
PRECURSOR	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOUQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
PRESSURE	EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL METAL.	218
PRISMATIC	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER-ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
PRODUCT	PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE CHLORIDE.	292
PRODUCTS	K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION PRODUCTS.	320
PROJECTILES	HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY.	286
PROPERTIES	SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR EMULSIONS.	196
PROPERTIES	DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF CALIFORNIUM-244.	207
PROPERTIES	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
PROPERTIES	ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.	256
PROPERTIES	ANALYTICITY PROPERTIES OF HELICITY AMPLITUDES.	304
PROTON	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO ₃ -DNO ₃ -H ₂ O-D ₂ O.	213
PROTON	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
PROTON	ANTIXI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C.	327
PROTON-PROTON	HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV.	333
PROTONS	CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN, HELIUM, NITROGEN, AND ARGON.	231
PUBLIC	PUBLIC REACTIONS TO NUCLEAR FACILITIES.	291
PULSED	ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES.	288
PULSER	HIGH-REPETITION-RATE BURST PULSER.	251
PUMPING	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
PURINES	MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION.	255
PYRIDINE	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
Q-VALUES	NUCLEAR REACTION Q-VALUES.	235
QUANTITATION	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
QUARK	POSSIBLE NONADDITIVITY OF QUARK AMPLITUDES IN HIGH-ENERGY CROSS SECTIONS.	210
QUENCHING	MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B STATE OF IODINE.	179
RADIAL	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
RADIO	'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO FREQUENCIES.	187
RADIO	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
RADIOACTIVE	MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES.	222
RADIOLYSIS	ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER IN THE SOLID STATE.	234

RADIOLYSIS	PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE CHLORIDE.	292
RADIOLYTIC	MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION.	255
RADIUM	ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.	309
RAT	CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT.	268
RATS	SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS.	201
RE-EVALUATION	FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.	223
REACTION	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
REACTION	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
REACTION	CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV.	180
REACTION	ANALYSIS OF THE LEAD-208 (P,T) REACTION.	181
REACTION	NUCLEAR REACTION Q-VALUES.	235
REACTION	THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA) 2P REACTION.	277
REACTIONS	DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS.	172
REACTIONS	ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH HEAVY IONS.	193
REACTIONS	PUBLIC REACTIONS TO NUCLEAR FACILITIES.	291
REACTIONS	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
REALIZATION	DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2 MAGNETIC FIELD AT HIGH RESOLUTION.	294
RECOMBINATION	UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS.	263
RECONSIDERATION	POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.	321
REGGE	HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.	173
REGGE	O(4) SYMMETRY AND REGGE BEHAVIOR THEORY.	305
REGGE	REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS.	312
REGGE	K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.	322
REGGE-POLE	AMBIGUITIES IN THE PHENOMENOLOGICAL DETERMINATION OF REGGE-POLE PARAMETERS.	259
REGGE-POLE	REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.	310
REGULATORY	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
REGULATORY	THE REGULATORY PROCESS IN THE DE-REPRESSION OF ENZYME SYNTHESIS.	205
REPLICAS	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
REPLY	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
REPRESSION	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
REPRESSION	INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION IN ESCHERICHIA COLI.	186
RESISTANCE	THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.	229
RESOLUTION	DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2 MAGNETIC FIELD AT HIGH RESOLUTION.	294
RESONANCE	ATOMIC BEAM MAGNETIC RESONANCE.	169
RESONANCE	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO3-DNO3-H2O-D2O.	213
RESONANCE	ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER IN THE SOLID STATE.	234
RESONANCE	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
RESONANCE	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
RETICULINE	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOUQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
RETICULOENDOTHE	DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARRON IN HEMATOLOGIC DISEASE.	245

RHO-PRIME	K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.	322
ROTATIONAL	THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188.	195
S-MATRIX	THE CROSS-DISCONTINUITY CONDITION IN S-MATRIX THEORY.	232
S-MATRIX	ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.	311
SACCHAROMYCES	SUPER-SUPPRESSORS IN SACCHAROMYCES CEREVISIAE.	228
SALT	POLAROGRAPHY IN A BINARY SALT SOLUTION.	171
SATURATED	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
SCANNING	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
SCATTERING	DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING.	166
SCATTERING	HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.	173
SCATTERING	PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.	203
SCATTERING	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
SCATTERING	NUCLEON-NUCLEON SCATTERING EXPERIMENT AT INTERMEDIATE ENERGIES IN BERKELEY.	269
SCATTERING	INELASTIC SCATTERING OF N ₂ -PLUS BY HELIUM.	302
SCATTERING	FIXED-U SUM RULES IN PION-NUCLEON SCATTERING.	308
SCATTERING	REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.	310
SCATTERING	POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.	321
SCATTERING	MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING.	329
SELF-CONJUGATE	NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL ISOSPIN.	215
SENSITIVITY	BIOELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES.	261
SEPARATIONS	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
SEPARATIONS	VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIDE SEPARATIONS.	300
SEQUENTIAL	THEORY OF SEQUENTIAL DECAYS.	297
SERUM	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
SERUM	SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS.	201
SERUM	ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS.	220
SESQUIOXIDE	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
SESQUIOXIDE	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
SEX	NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT.	200
SHALE	THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
SHIFTS	PHASE SHIFTS FROM THE BETHE-SALPETER DIFFERENTIAL EQUATION.	183
SHIFTS	EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING SHIFTS IN DISPERSION THEORY.	208
SIGMA	POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C.	177
SIGMA-ZERO	POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C.	177
SILANE	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
SILICON	VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I.	316
SILVER	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
SILVER	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
SILVER	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
SINGLE	DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS.	168
SINGLE	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244

SKELETAL	SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND ERYTHROPOIETIC MARROW.	290
SLIP	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
SODIUM	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
SOLAR	AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966.	274
SOLID	ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER IN THE SOLID STATE.	234
SPECIES	THE STRUGGLE FOR LIFE. PART I. TWO SPECIES.	298
SPECTRA	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
SPECTROGRAPHIC	AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966.	274
SPECTROMETRY	ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN, CARBON, AND HYDROGEN ELEMENTAL ANALYSIS.	189
SPECTROSCOPIC	NUCLEAR SPECTROSCOPIC STUDIES OF FERMIUM-257.	238
SPECTROSCOPY	HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY.	286
SPECTROSCOPY	ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.	309
SPIN	ELECTRON SPIN RESONANCE SPECTRA OF THE RADIAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS.	271
SPINODAL	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
SPLINE	NUMERICAL APPLICATIONS OF CUBIC SPLINE FUNCTIONS.	295
STABLE	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
STACKING	THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD.	282
STACKING	REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT MAGNESIUM.'	315
STAFLO	STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN STUDIES.	253
STANNANE	REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE AMMONIA SOLUTIONS.	330
STEELS	THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS.	202
STEERING	MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.	230
STEREOSCOPIC	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
STIMULATION	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
STOICHIOMETRY	MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES AND AMINOPURINES IN AQUEOUS SOLUTION.	255
STORAGE	THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN PHOTOSYNTHESIS.	280
STRAIN-RATES	DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES.	176
STRANGE-MESON	REACTION $K-MINUS-P$ GOES TO $LAMBDA OMEGA$ FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
STRENGTH	DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS ON STRENGTH AND FRACTURE CHARACTERISTICS.	172
STRENGTH	THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS.	202
STRENGTHENED	DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS STRENGTHENED BY SPINODAL DECOMPOSITION.	239
STRESS	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
STRUCTURE	MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES OF RADIOACTIVE ISOTOPES.	222
STRUCTURE	HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199.	237
STRUCTURE	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
STRUCTURE	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
STRUCTURE	SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.	283
STRUCTURE	GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS.	296

STRUCTURE	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
STRUCTURE	THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO.	303
STRUCTURE	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
STRUCTURES	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226
STRUCTURES	CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE.	241
STRUGGLE	THE STRUGGLE FOR LIFE. PART I. TWO SPECIES.	298
SU(3)	MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING.	329
SUBSTRUCTURE	DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER- ALUMINUM ORIENTED FOR PRISMATIC SLIP.	244
SULFUR	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
SUM	FIXED-U SUM RULES IN PION-NUCLEON SCATTERING.	308
SUPER-SUPPRESSORS	SUPER-SUPPRESSORS IN SACCHAROMYCES CEREVISIAE.	228
SURFACE	NUMERICAL SOLUTION OF THE MINIMAL SURFACE EQUATION.	219
SURFACE	NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE ANOMALOUS SURFACE STRUCTURES OF GOLD.	226
SURFACE	THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL.	318
SURFACE	SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.	331
SURFACE-DELTA	SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING.	246
SYMMETRY	O(4) SYMMETRY AND REGGE BEHAVIOR THEORY.	305
SYMMETRY	ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.	311
SYNTHESIS	POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA COLI.	185
SYNTHESIS	THE REGULATORY PROCESS IN THE DE-REPRESSION OF ENZYME SYNTHESIS.	205
T=1	INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.	212
TANGENTIALLY	GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE -- PART I. THEORY.	272
TEES	RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.	314
TERNARY	IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN THE TERNARY SYSTEM HNO3-DNO3-H2O-D2O.	213
TERNARY	EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS MIXTURES.	279
TETRAHEDRA	THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD.	282
THALLIUM	MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM, INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE PHASE-SHIFT METHOD.	260
THEBAINE	THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE BENZYL-TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS WITH CARBON-14 DIOXIDE.	236
THERMODYNAMIC	THERMODYNAMIC FUNCTIONS OF IRON.	233
THERMODYNAMICS	SOME THERMODYNAMICS OF PHOTOCHEMICAL SYSTEMS.	250
THERMODYNAMICS	PROBLEMS AND PROGRESS IN THE THERMODYNAMICS OF METALS AND ALLOYS.	254
THERMODYNAMICS	THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN PHOTOSYNTHESIS.	280
THYROID	SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS.	201
TIMING	KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION OF TIMING AND DOSE.	278
TOLLER	MULTIPLE PRODUCTION THEORY VIA TOLLER VARIABLES.	332
TRAJECTORIES	DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING.	166
TRAJECTORIES	REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS.	312
TRAJECTORY	K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.	322
TRANSFER	GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE -- PART I. THEORY.	272
TRANSFER	POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.	321
TRANSITIONS	NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS IN THE DECAY OF LUTECIUM-177M.	184
TRANSITIONS	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325

TRIADS	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
TRIBOLIUM	STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM CONFUSUM.	227
TRICHLORIDE	CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE.	242
TRIFLUORIDE	THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON TRIFLUORIDE.	301
TRITIUM TUMORS	TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA. CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT.	323 268
TWO-PHASE	MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX CERAMIC COMPOSITES.	257
ULTRACENTRIFUGAL ULTRACENTRIFUGE	ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS. AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC ULTRACENTRIFUGE.	220 243
UNEQUAL-MASS UNSTABLE URANIUM	DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING. KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA. DIFFUSION OF XENON IN URANIUM MONOCARBIDE.	166 307 281
UV-INDUCED	UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS.	263
UV-SENSITIVE	UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS.	263
VACANCY	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE ORDERED ALLOYS.	197
VACANCY	VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE ORDERED AND CLUSTERED ALLOYS.	198
VACUUM	POSSIBLE OBSERVATIONS OF VACUUM POLARIZATION EFFECTS IN THE 1-S-ZERO P-P STATE.	276
VIBRATION	INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION- PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN HAFNIUM-177.	325
VOLATILE WATER	VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I. ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER IN THE SOLID STATE.	316 234
WEAKLY WEIGHTING	KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA. DETERMINATION OF MASS OF LARGE GAS VOLUMES BY DIRECT WEIGHTING.	307 289
XENON	DIFFUSION OF XENON IN URANIUM MONOCARBIDE.	281
XENON-131	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
YIELDS YUKAWA ZERO-MOMENTUM	K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION PRODUCTS. REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS. ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.	320 312 311
ZINC 1.2	DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS. REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	168 174
1.3	POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C.	177
1-S-ZERO	NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS.	247
1-S-ZERO	POSSIBLE OBSERVATIONS OF VACUUM POLARIZATION EFFECTS IN THE 1-S-ZERO P-P STATE.	276
10	HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV.	333
10-TRIMETHYLTETRADECANE	ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A DEVONIAN SHALE.	194
100	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
100	LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER GOLD, AND PALLADIUM.	188
100	THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN FCC MOLECULAR CRYSTAL.	318
102	THE SEARCH FOR ELEMENT 102.	313
110	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
111	LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111), AND (110) FACES OF PLATINUM.	178
12	AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966.	274
1250	INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.	212

1300	PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.	203
14	NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS IN MASS 14.	175
1966	AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF NOVEMBER 12, 1966.	274
2.50-MEV	ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES.	288
2.7	REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C - THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE.	174
2P	THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA) 2P REACTION.	277
20	HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN 10 AND 20 MEV.	333
25	THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.	229
4-METHOXYL	A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-DIMETHOXYPHENETHYLAMINE (DMPEA).	284
50	CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV.	180
500	PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV.	203
90	THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.	229

SECTION III. NUMERICAL LISTING

- 166 (UCRL-17113)*
DAUGHTER TRAJECTORIES AND UNEQUAL-MASS SCATTERING. PHYSICAL
REVIEW 155, NO. 5, 1645-1647 (MARCH 25, 1967).
FREEDMAN, DANIEL Z. JONES, C. EDWARD
WANG, JIUNN-MING
- 167 (UCRL-16351)*
COUPLED-CHANNEL, ALPHA DECAY RATE THEORY APPLIED TO POLONIUM-212M.
NUCLEAR PHYSICS A94, 33-51 (1967).
RAUSCHER, E. A. RASMUSSEN, JOHN O.
HARADA, KICHINISUKE
- 168 (UCRL-16942)*
DISLOCATION DAMPING IN ZINC SINGLE CRYSTALS. BRITISH JOURNAL
OF APPLIED PHYSICS 18, 411-417 (1967).
FERGUSON, WILLIAM G. HAUSER, FRANK E.
DORN, JOHN E.
- 169 ATOMIC BEAM MAGNETIC RESONANCE. PHYSICA 33, 18-28 (1967).
NIERENBERG, WILLIAM A.
- 170 (UCRL-16852)*
SOME INVESTIGATIONS OF PRECIPITATION. SIXTH INTERN. CONGRESS FOR
ELECTRON MICROSCOPY, KYOTO (1966), PP. 389-390.
THOMAS, GARETH LEVINE, ERNEST N.
BELL, WALTER L.
- 171 (UCRL-16630)*
POLAROGRAPHY IN A BINARY SALT SOLUTION. JOURNAL OF PHYSICAL
CHEMISTRY 71, NO. 2, 241-245 (JANUARY 1967).
CHAPMAN, THOMAS W. NEWMAN, JOHN
- 172 (UCRL-16326)*
DECOMPOSITION REACTIONS IN GOLD-PLATINUM ALLOYS AND THEIR EFFECTS
ON STRENGTH AND FRACTURE CHARACTERISTICS. PROC. OF THE INTERN.
CONF. ON FRACTURE (1965) VOL. 2, PP. 835-847.
PARKER, EARL R. CARPENTER, RAY
ZACKAY, VICTOR F.
- 173 (UCRL-16918)*
HIGH-ENERGY NUCLEON-NUCLEON SCATTERING FROM REGGE POLES.
PHYSICAL REVIEW 155, NO. 5, 1773-1784 (MARCH 25, 1967).
FLORES-MALDONADO, VICTOR
- 174 (UCRL-16648 REV.)*
REACTION K-MINUS-P GOES TO LAMBDA OMEGA FROM 1.2 TO 2.7 BEV/C -
THE ABSORPTION MODEL WITH STRANGE-MESON EXCHANGE. PHYSICAL
REVIEW 155, NO. 5, 1517-1538 (MARCH 25, 1967).
FLATTE, STANLEY M.
- 175 (UCRL-17038)*
NITROGEN-14 (HELIUM-3, T) OXYGEN-14 REACTION AND ISOSPIN TRIADS
IN MASS 14. PHYSICAL REVIEW 155, NO. 4, 1170-1176 (MARCH 20,
1967).
BALL, GORDON C. CERNY, JOSEPH
- 176 (UCRL-17106)*
DISLOCATION DAMPING IN ALUMINUM AT HIGH STRAIN-RATES. JOURNAL
OF APPLIED PHYSICS 38, NO. 4, 1863-1869 (MARCH 15, 1967).
FERGUSON, WILLIAM G. KUMAR, A.

DORN, JOHN E.

- 177 (UCRL-16089, REV. 2)*
POLARIZATION AND ANGULAR DISTRIBUTIONS OF SIGMA-ZERO FROM
PI-MINUS-P K-ZERO SIGMA ZERO NEAR 1.3 BEV/C. PHYSICAL REVIEW
155, 1455-1460 (MARCH 25, 1967).
CROLIUS, R. L. COOK, V.
CORK, BRUCE KEEFFE, DENIS
KERTH, LEROY T. LAYSON, W. M.
WENZEL, WILLIAM A.
- 178 (UCRL-17170)*
LOW-ENERGY ELECTRON-DIFFRACTION STUDY OF THE CLEAN (100), (111),
AND (110) FACES OF PLATINUM. JOURNAL OF CHEMICAL PHYSICS 46, NO.
7, 2539-2550 (APRIL 1, 1967).
LYON, H. B. SOMORJAI, GABOR A.
- 179 (UCRL-17184)*
MEASUREMENT OF LIFETIMES AND QUENCHING CROSS SECTIONS OF THE B
STATE OF IODINE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 7, 2666-
2675 (APRIL 1, 1967).
CHUTJIAN, ARA LINK, JOHN K.
BREWER, LEO
- 180 (UCRL-16913)*
CARBON-12 (P,2P) BORON-11 REACTION AT 50 MEV. PHYSICAL REVIEW
155, NO. 4, 1054-1061 (MARCH 20, 1967).
RUGH, G. HENDRIE, DAVID L.
CHABRE, MARC BOSCHITZ, E.
MCCARTHY, I. E.
- 181 (UCRL-17199)*
ANALYSIS OF THE LEAD-208 (P,T) REACTION. PHYSICAL REVIEW 156, NO.
4, 1344-1348 (APRIL 20, 1967).
GLENDENNING, NORMAN K.
- 182 (UCRL-17514)*
SEARCH FOR ETA GOES TO PI-PLUS + PI-MINUS + PI-ZERO + GAMMA.
PHYSICAL REVIEW LETTERS 18, NO. 22, 976-977 (MAY 29, 1967).
FLATTE, STANLEY M.
- 183 (UCRL-17498)*
PHASE SHIFTS FROM THE BETHE-SALPETER DIFFERENTIAL EQUATION.
PHYSICAL REVIEW LETTERS 18, NO. 22, 968-970 (MAY 29, 1967).
HAYMAKER, RICHARD W.
- 184 (UCRL-16862)*
NEW TRANSITIONS AND PRECISE ENERGY AND INTENSITY DETERMINATIONS
IN THE DECAY OF LUTECIUM-177M. NUCLEAR PHYSICS A94, 337-350
(1967).
HAVERFIELD, ARTHUR J. BERNTHAL, FREDERICK M.
HOLLANDER, JACK M.
- 185 (UCRL-17109)*
POOL SIZES OF METABOLIC INTERMEDIATES AND THEIR RELATION TO
GLUCOSE REPRESSION OF BETA-GALACTOSIDASE SYNTHESIS IN ESCHERICHIA
COLI. BIOCHEMICAL JOURNAL 103, 349-357 (1967).
PREVOST, CHARLES MOSES, VIVIAN
- 186 (UCRL-17107)*
INVOLVEMENT OF THE LAC REGULATORY GENES IN CATABOLITE REPRESSION
IN ESCHERICHIA COLI. BIOCHEMICAL JOURNAL 103, 358-366 (1967).

- 187 (UCRL-16632 REV. 3)*
'DO-IT-YOURSELF' LOCK-IN AMPLIFIERS -- RADIO AND AUDIO
FREQUENCIES. NUCLEAR INSTRUMENTS AND METHODS 49, 165-169 (1967).
LAMERS, KENNETH W.
- 188 (UCRL-17167)*
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) FACE OF SILVER
FOLD, AND PALLADIUM. SURFACE SCIENCE 7, 26-40 (1967).
MATTERA, ADRIANO M. GOODMAN, RICHARD M.
SOMORJAI, GABOR A.
- 189 ULTRA CENTRIFUGAL ISOLATION OF SERUM CHYLOMICRON-CONTAINING
FRACTIONS WITH QUANTITATION BY INFRARED SPECTROMETRY AND NITROGEN,
CARBON, AND HYDROGEN ELEMENTAL ANALYSIS. LIPIDS 2, NO. 2, 183-
191 (MARCH 1967).
HATCH, F. T. FREEMAN, NORMAN K.
JENSEN, LIN C. STEVENS, GARY R.
LINDGREN, FRANK T.
- 190 (UCRL-17323)*
THE INTRINSIC BASICITY OF THE HYDROXIDE ION. JOURNAL OF CHEMICAL
EDUCATION 44, NO. 5, 304-306 (MAY 1967).
JOLLY, WILLIAM L.
- 191 (UCRL-17417)*
PION-ANTIPION LIFETIME COMPARISON. PHYSICAL LETTERS 24B, NO. 9,
483-485 (MAY 1, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT
KURZ, RICHARD J. STEARNS, BRENTON F.
- 192 (UCRL-17443)*
OPTICAL STUDIES OF ELECTROLYTE FILMS ON GAS ELECTRODES. JOURNAL
OF THE ELECTROCHEMICAL SOCIETY 114, NO. 6, 651 (JUNE 1967).
MULLER, ROLF H.
- 193 (UCRL-17204)*
ANGULAR DISTRIBUTIONS OF GAMMA RAYS PRODUCED IN REACTIONS WITH
HEAVY IONS. NUCLEAR PHYSICS A95, 357-376 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M. KOTAJIMA, K.
MATTHIAS, ECKART
- 194 THE ISOLATION AND IDENTIFICATION OF THE CARBON-17 SATURATED
ISOPRENOID HYDROCARBON 2, 6, 10-TRIMETHYLTETRADECANE FROM A
DEVONIAN SHALE. TETRAHEDRON 23, 2609-2619 (1967).
MCCARTHY, EUGENE D. CALVIN, MELVIN
- 195 (UCRL-17205)*
THE ROTATIONAL STATES OF OSMIUM-184, OSMIUM-186, AND OSMIUM-188.
NUCLEAR PHYSICS A95, 377-384 (1967).
NEWTON, JOHN O. STEPHENS, FRANK S.
DIAMOND, RICHARD M.
- 196 (UCRL-17229)*
SOME EFFECTS OF HEATING AND DRYING ON THE PROPERTIES OF NUCLEAR
EMULSIONS. NUCLEAR INSTRUMENTS AND METHODS 50, 292-298 (1967).
DYER, J. N. HECKMAN, HARRY H.
- 197 (UCRL-16921)*

- VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- II LONGE-RANGE ORDERED ALLOYS. ACTA METALLURGICA 15, 1045-1056 (JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL
DORN, JOHN E.
- 198 (UCRL-16928)*
VACANCY MODELS FOR CONCENTRATED BINARY ALLOYS -- I SHORT RANGE ORDERED AND CLUSTERED ALLOYS. ACTA METALLURGICA 15, 1035-1043 (JUNE 1967).
CHENG, CHING-YAO WYNBLATT, PAUL P.
DORN, JOHN
- 199 (UCRL-16973)*
NEW DETERMINATION OF THE BRANCHING RATIOS OF K-PLUS-MESON DECAY IN EMULSION. PHYSICAL REVIEW 156, NO. 5, 1464-1474 (APRIL 25, 1967).
YOUNG, POH-SHIEN OSBORNE, W. Z.
BARKAS, WALTER H.
- 200 NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA, I. THE SEX COMB OF EYELESS-DOMINANT. REPRINTED FROM PROC. OF THE NATIONAL ACADEMY OF SCIENCES 57, NO. 3, 658-661 (MARCH, 1967).
STERN, CURT TOKUNAGA, CHIYOKO
- 201 SIMULATED ALTITUDE AND IODINE METABOLISM IN RATS -- I. ACUTE EFFECTS ON SERUM AND THYROID COMPONENTS. AEROSPACE MEDICINE 38, NO. 5, 500-506 (MAY, 1967).
LAROUCHE, GILLES JOHNSON, C. L.
- 202 THE ENHANCEMENT OF DUCTILITY IN HIGH STRENGTH STEELS. TRANSACTIONS QUARTERLY 60, NO. 2, 252-259 (JUNE, 1967).
ZACKAY, VICTOR F. PARKER, EARL R.
FAHR, DIETER BUSCH, RAYMOND
- 203 (UCRL-17209 REV.)*
PION-PROTON CHARGE-EXCHANGE SCATTERING FROM 500 TO 1300 MEV. PHYSICAL REVIEW 156, NO. 5, 1415-1426 (APRIL 25, 1967).
CHIU, CHARLES B. EANDI, RICHARD D.
HELMHOLZ, A. CARL KENNEY, ROBERT W.
MOYER, BURTON J. POIRIER, JOHN A.
RICHARDS, W. BRUCE CENCE, ROBERT C.
PETERSON, VINCENT Z. SEHGAL, NRENDER K.
STENGER, VICTOR J.
- 204 (UCRL-17142)*
HIGH-ENERGY DEUTERON CROSS SECTIONS -- CHARGE-EXCHANGE EFFECTS. PHYSICAL REVIEW 156, NO. 5, 1685-1697 (APRIL 25, 1967).
GLAUBER, ROY J. FRANCO, VICTOR
- 205 (UCRL-17182)*
THE REGULATORY PROCESS IN THE DE-REPRESSION OF ENZYME SYNTHESIS. BIOCHEMICAL JOURNAL 103, 650-659 (1967).
MOSES, VIVIAN
- 206 (UCRL-17362)*
NEW CALIFORNIUM ISOTOPE CALIFORNIUM-242. PHYSICS LETTERS 24B, NO. 7, 331-332 (APRIL 3, 1967).
SIKKELAND, TORJBORN GHIORSO, ALBERT
- 207 (UCRL-17363)*
DECAY PROPERTIES OF THE NEW ISOTOPE CALIFORNIUM-243 AND OF

SIKKELAND, TORBJORN
MALY, JAROMIR

GHIORSO, ALBERT
NURMIA, MATTI J.

- 208 (UCRL-17047 REV.)*
EXACT EQUATIONS FOR THE PERTURBED AMPLITUDE AND MASS AND COUPLING
SHIFTS IN DISPERSION THEORY. PHYSICAL REVIEW 156, NO. 5,
1532-1537 (APRIL 25, 1967).
SLANSKY, RICHARD C.
- 209 (UCRL-16665 REV.)*
THE EFFECT OF MIGRATION IN LAMINAR DIFFUSION LAYERS. INT. J.
HEAT MASS TRANSFER 10, 983-997 (1967).
NEWMAN, JOHN
- 210 (UCRL-17510)*
POSSIBLE NONADDITIVITY OF QUARK AMPLITUDES IN HIGH-ENERGY CROSS
SECTIONS. PHYSICAL REVIEW LETTERS 18, NO. 25, 1159-1162 (JUNE 19,
1967).
FRANCO, VICTOR
- 211 (UCRL-16522)*
EVALUATION OF PHASE-SPACE INTEGRALS. JOURNAL OF MATHEMATICAL
PHYSICS 8, NO. 4, 687-691 (APRIL, 1967).
CAMPBELL, GRAHAM
RIDDELL, JR. ROBERT
LEPORE, JOSEPH
- 212 (UCRL-17432)*
INELASTIC PROCESSES NEAR THE T=1 K-PLUS-P PEAK AT 1250 MEV/C.
PHYSICAL REVIEW LETTERS 18, NO. 24, 1077-1080 (JUNE 12, 1967).
BLAND, ROGER W.
BROWNE, JOHN L.
GOLDHABER, SULAMITH
TRILLING, GEORGE H.
BOWLER, MICHAEL G.
GOLDHABER, GERSON
SEEGER, VICTOR H.
- 213 (UCRL-17164)*
IONIZATION OF STRONG ELECTROLYTES IX. PROTON MAGNETIC RESONANCE IN
THE TERNARY SYSTEM HNO₃-DNO₃-H₂O-D₂O. JOURNAL OF CHEMICAL
PHYSICS 46, NO. 9, 3450-3456 (MAY 1, 1967).
MERBACH, ANDRE
- 214 ENERGY LEVELS OF HOLMIUM+III IN LANTHANUM CHLORIDE. JOURNAL OF
CHEMICAL PHYSICS 46, NO. 9, 3532-3542 (MAY 1, 1967).
RAJNAK, KATHERYN
KRUPKE, WILLIAM F.
- 215 (UCRL-17513)*
NONEXISTENCE OF SELF-CONJUGATE PARTICLES WITH HALF-INTEGRAL
ISOSPIN. PHYSICAL REVIEW LETTERS 18, NO. 24, 1098-1101 (JUNE 12,
1967).
LEE, HUAN
- 216 (UCRL-17569)*
SEARCH FOR DECAY MODES N GOES TO PI-PLUS PI-MINUS PI-ZERO NU AND
N GOES TO PI-PLUS PI-MINUS NU-NU. PHYSICAL REVIEW LETTERS 18, NO.
26, 1207-1208 (JUNE 26, 1967).
PRICE, LEROY R.
CRAWFORD, JR. FRANK S.
- 217 (UCRL-17361)*
THE DEPROTONATION OF WEAK ACIDS. INORGANIC CHEMISTRY 6, 1435-
1436 (1967).
JOLLY, WILLIAM L.

- 218 (UCRL-17095 REV.)*
EFFECT OF PRESSURE ON THE MOSSBAUER EFFECT OF IRON-57 IN NICKEL
METAL. APPLIED PHYSICS 38, NO. 5, 2133-2136 (APRIL, 1967).
RAIMONDI, DONALD L. JURA, GEORGE
- 219 (UCRL-16927 REV.)*
NUMERICAL SOLUTION OF THE MINIMAL SURFACE EQUATION. MATHEMATICS
OF COMPUTATION 21, NO. 99, 340-350 (JULY, 1967).
CONCUS, PAUL
- 220 ULTRACENTRIFUGAL ANALYSIS OF SERUM LIPOPROTEINS. PROGRESS IN
BIOCHEMICAL PHARMACOLOGY VOL. 2, 475-499 (1967).
LINDGREN, FRANK T. FREEMAN, NORMAN K.
EWING, ALICIA M.
- 221 ATHEROSCLEROSIS IN BABOONS -- PATHOLOGICAL AND BIOCHEMICAL
STUDIES. REPRINTED FROM -- THE BABOON IN MEDICAL RESEARCH VOL.
II (1967), PP. 333-350.
HOWARD, A. N. GRESHAM, G. A.
HALES, C. N. LINDGREN, FRANK T.
KATZBERG, A. A.
- 222 (UCRL-17580)*
MEASUREMENT OF THE HYPERFINE STRUCTURE OF OPTICALLY EXCITED STATES
OF RADIOACTIVE ISOTOPES. PHYSICAL REVIEW LETTERS 19, NO. 1, 1-3
(JULY 3, 1967).
MARRUS, RICHARD WANG, EDMOND
YELLIN, JOSEPH
- 223 (UCRL-17103)*
FERTILIZATION IN DROSOPHILA. III. A RE-EVALUATION OF THE ROLE OF
POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.
DEVELOPMENTAL BIOLOGY 15, NO. 6, 536-552 (JUNE 1967).
HILDRETH, PHILIP E. LUCCHESI, JOHN C.
- 224 (UCRL-17193)*
COMPARISON OF PI-PLUS AND PI-MINUS LIFETIMES. PHYSICAL REVIEW
157, NO. 5, 1228-1232 (MAY 25, 1967).
AYERS, DAVID S. CALDWELL, DAVID O.
GREENBERG, ARTHUR J. KENNEY, ROBERT W.
KURZ, RICHARD J. STEARNS, BRENTON F.
- 225 (UCRL-17194)*
ALPHA DECAY OF NEUTRON DEFICIENT ASTATINE ISOTOPES. NUCLEAR
PHYSICS A97, 405-416 (1967).
TREYTL, WILLIAM VALLI, KALEVI
- 226 (UCRL-17542)*
NOTE TO THE PAPER BY D. G. FEDAK AND N. A. GJOSTEIN, ON THE
ANOMALOUS SURFACE STRUCTURES OF GOLD. SURFACE SCIENCE 8, 98-100
(1967).
SOMORJAI, GABOR A.
- 227 STEREOSCOPIC SCANNING ELECTRON MICROSCOPY OF LIVING TRIBOLIUM
CONFUSUM. J. OF INSECT PHYSIOLOGY 13, 1143-1145 (1967).
HAYES, THOMAS L. PEASE, R. F. W.
CAMP, ANN
- 228 (UCRL-16851)*
SUPER-SUPPRESSORS IN SACCHAROMYCES CEREVISIAE. GENETICS 56,
641-658 (AUGUST 1967).
GILMORE, RICHARD A.

- 229 (UCRL-17197)*
THE ELECTRICAL RESISTANCE OF BISMUTH FROM 25 TO 90 KILOBARS.
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME 239, 120-121
(JANUARY 1967).
PHILLIPS, DAVID JURA, GEORGE
- 230 (UCRL-17358)*
MAGNETIC STEERING DEVICE FOR ELECTRON COINCIDENCE EXPERIMENTS.
REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 905-909 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN D.
BOWMAN, HARRY R. THOMPSON, STANLEY G.
- 231 (UCRL-16765 REV.)*
CROSS SECTIONS FOR ELECTRON CAPTURE BY FAST PROTONS IN HYDROGEN,
HELIUM, NITROGEN, AND ARGON. PHYSICAL REVIEW 158, NO. 1, 85-92
(JUNE 5, 1967).
WELSH, LELAND M. BERKNER, KLAUS H.
KAPLAN, SELIG N. PYLE, ROBERT V.
- 232 (UCRL-16702)*
THE CROSS-DISCONTINUITY CONDITION IN S-MATRIX THEORY. IL NUOVO
CIMENTO VOL. XLIV A, NO. 4, 1081-1090 (AUGUST 8, 1967).
BRANSON, DAVID
- 233 (UCRL-16937)*
THERMODYNAMIC FUNCTIONS OF IRON. TRANSACTIONS OF THE
METALLURGICAL SOCIETY OF AIME 239, 630-633 (MAY 1967).
ORR, RAYMOND CHIPMAN, JOHN
- 234 ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE RADIOLYSIS OF WATER
IN THE SOLID STATE. JOURNAL OF CHEMICAL PHYSICS 46, NO. 10,
3818-3829 (MAY 15, 1967).
GUNTER, THOMAS E.
- 235 (UCRL-16964)*
NUCLEAR REACTION Q-VALUES. NUCLEAR DATA -- SECTION A, VOL. 2,
NOS. 5 AND 6, 429-614 (DECEMBER 1966).
MAPLES, CREVE GOTH, GEORGE W.
CERNY, JOSEPH
- 236 THE BIOSYNTHESIS OF OPIUM ALKALOIDS. RETICULINE AS THE
BENZYL TETRAHYDROISOQUINOLINE PRECURSOR OF THEBAINE IN BIOSYNTHESIS
WITH CARBON-14 DIOXIDE. BIOCHEMISTRY 6, 2355-2363 (1967).
MARTIN, ROBERT O. WARREN, MITCHUM E.
RAPOPORT, HENRY
- 237 (UCRL-17297)*
HYPERFINE STRUCTURE SEPARATIONS, NUCLEAR MAGNETIC MOMENTS, AND
HYPERFINE-STRUCTURE ANOMALIES OF GOLD-198 AND GOLD-199. PHYSICAL
REVIEW, 158, NO. 4, 1078-1084 (JUNE 20, 1967).
VANDEN BOUT, PAUL EHLERS, VERNON J.
NIERENBERG, WILLIAM SHUGART, HOWARD
- 238 (UCRL-16738)*
NUCLEAR SPECTROSCOPIC STUDIES OF FERMIUM-257. PHYSICAL REVIEW
158, NO. 4, 1073-1077 (JUNE 20, 1967).
ASARO, FRANK PERLMAN, ISADORE
- 239 (UCRL-17212)*
DEFORMATION AND FRACTURE OF GOLD-PLATINUM POLYCRYSTALS
STRENGTHENED BY SPINODAL DECOMPOSITION. ACTA METALLURGICA 15,
1297-1308 (AUGUST 1967).

CARPENTER, RAY W.

- 240 (UCRL-17524)*
THE AMALGAMATION BEHAVIOR OF HEAVY ELEMENTS I. -- OBSERVATION OF ANOMALOUS PREFERENCE IN FORMATION OF AMALGAMS OF CALIFORNIUM, EINSTEINIUM, AND FERMIUM. INORGANIC AND NUCLEAR CHEM. LETTERS 3, 373-381 (1967).
MALY, JAROMIR
- 241 (UCRL-17576)*
CRYSTAL STRUCTURES AND LATTICE PARAMETERS OF THE COMPOUNDS OF BERKELIUM. I. BERKELIUM DIOXIDE AND CUBIC BERKELIUM SESQUIOXIDE. INORGANIC AND NUCLEAR CHEMISTRY LETTERS 3, 327-336 (1967).
PETERSON, JOSEPH R. CUNNINGHAM, BURRIS B.
- 242 (UCRL-17539)*
CRYSTALLOGRAPHY OF THE COMPOUNDS OF CALIFORNIUM. I. CRYSTAL STRUCTURE AND LATTICE PARAMETERS OF CALIFORNIUM SESQUIOXIDE AND CALIFORNIUM TRICHLORIDE. INORGANIC AND NUCLEAR CHEMISTRY LETTERS 3, 343-349 (1967).
GREEN, JERE L. CUNNINGHAM, BURRIS B.
- 243 (UCRL-16982 REV.)*
AUTOMATIC ACCELERATION AND SPEED CONTROL FOR AN ANALYTIC ULTRACENTRIFUGE. REVIEW OF SCIENTIFIC INSTRUMENTS 38, NO. 7, 949-952 (JULY, 1967).
WINDSOR, ALFRED A. RICH, THOMAS H.
DOYLE, ROBERT E. LINDGREN, FRANK T.
- 244 (UCRL-17128)*
DISLOCATION SUBSTRUCTURE IN SINGLE CRYSTALS OF HEXAGONAL SILVER-ALUMINUM ORIENTED FOR PRISMATIC SLIP. ACTA METALLURGICA 15, 1325-1345 (AUGUST 1967).
OKAMOTO, PAUL THOMAS, GARETH
- 245 DIFFERENCES IN DISTRIBUTION OF ERYTHROPOIETIC AND RETICULOENDOTHELIAL MARROW IN HEMATOLOGIC DISEASE. BLOOD 30, NO. 3, 364-374 (SEPTEMBER 1967).
VAN DYKE, DONALD SHKURKIN, CAROL
PRICE, DAVID C. YANO, YUKIO
ANGER, HAL O.
- 246 (UCRL-16976)*
SURFACE-DELTA-INTERACTION MODEL FOR NUCLEAR STRUCTURE ANALYZED BY PROTON INELASTIC SCATTERING. PHYSICAL REVIEW 159, NO. 4, 846-852 (JULY 20, 1967).
FAESSLER, AMAND GLENDENNING, NORMAN K.
PLASTINO, ANGELO
- 247 (UCRL-17579)*
NUCLEAR ALIGNMENT OF THE 1-S-ZERO GROUND STATE OF XENON-131 BY 'ELECTRON PUMPING' AND METASTABILITY-EXCHANGE COLLISIONS. PHYSICAL REVIEW LETTERS 19, NO. 5, 211-213 (JULY 31, 1967).
HADEISHI, TETSUO LIU, CHUNG-HONG
- 248 (UCRL-16368)*
EFFECT OF LITHIUM FLUORIDE ON HOT-PRESSING OF MAGNESIUM OXIDE. JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50, NO. 7, 365-368 (JULY, 1967).
BENECKE, MARK OLSON, NORMAN
PASK, JOSEPH

- 249 (UCRL-17329)*
MASS PERTURBATIONS IN A BETHE-SALPETER-EQUATION MODEL OF THE
NUCLEON. PHYSICAL REVIEW 158, NO. 5, 1521-1529 (JUNE 25, 1967).
HARTE, JOHN
- 250 (UCRL-17313)*
SOME THERMODYNAMICS OF PHOTOCHEMICAL SYSTEMS. JOURNAL OF
CHEMICAL PHYSICS 46, NO. 12, 4590-4593 (JUNE 15, 1967).
ROSS, ROBERT T.
- 251 (UCRL-17309)*
HIGH-REPETITION-RATE BURST PULSER. REVIEW OF SCIENTIFIC
INSTRUMENTS 38, NO. 8, 1137-1139 (AUGUST 1967).
PAXSON, G. DONALD
- 252 NUCLEAR MODELS. CHEMISTRY 40, NO. 7, 12-19 (JULY-AUGUST 1967).
HYDE, EARL K.
- 253 STABLE FLOW FREE BOUNDARY (STAFLO) ELECTROPHORESIS -- THREE
DIMENSIONAL FLUID FLOW PROPERTIES AND APPLICATIONS TO LIPOPROTEIN
STUDIES. (IN BOOK -- CHEMICAL ENGINEERING IN MEDICINE AND BIOLOGY
(1967) PP. 505-540).
TIPPETTS, ROGER D. MEL, HOWARD C.
NICHOLS, ALEX V.
- 254 (UCRL-17467)*
PROBLEMS AND PROGRESS IN THE THERMODYNAMICS OF METALS AND ALLOYS.
J. OF METALS, PP. 1-4 (SEPTEMBER 1967).
HULTGREN, RALPH
- 255 (UCRL-17575)*
MECHANISM AND STOICHIOMETRY IN THE RADIOLYTIC OXIDATION OF PURINES
AND AMINOPURINES IN AQUEOUS SOLUTION. CHEMICAL COMMUNICATIONS,
(1967) PP. 676-677.
HOLIAN, JOHN GARRISON, WARREN M.
- 256 (UCRL-16735 REV.)*
ALPHA DECAY PROPERTIES OF NEUTRON DEFICIENT ISOTOPES OF EMANATION.
PHYSICAL REVIEW 159, NO. 4, 1013-1020 (JULY 20, 1967).
VALLI, KELVI NURMIA, MATTI J.
HYDE, EARL K.
- 257 (UCRL-16417 REV.)*
MICROMECHANICAL STRESS CONCENTRATIONS IN TWO-PHASE BRITTLE MATRIX
CERAMIC COMPOSITES. JOURNAL OF THE AMERICAN CERAMIC SOCIETY 50,
NO. 8, 399-404 (AUGUST, 1967).
HASSELMAN, D. P. H. FULRATH, RICHARD
- 258 (UCRL-17351)*
EXPERIMENTAL STUDY OF K-PLUS GOES TO PI-ZERO + E-PLUS + NU DECAY.
PHYSICAL REVIEW 159, NO. 5, 1187-1194 (JULY 25, 1967).
KALMUS, GEORGE E. KERNAN, ANNE
- 259 (UCRL-17325)*
AMBIGUITIES IN THE PHENOMENOLOGICAL DETERMINATION OF REGGE-POLE
PARAMETERS. PHYSICAL REVIEW 158 NO. 5, 1515-1521 (JUNE 25, 1967).
ARBAB, FARZAM BALI, NAREN F.
DASH, JON
- 260 (UCRL-17414)*
MEASUREMENT OF LIFETIMES OF EXCITED STATES OF SODIUM, THALLIUM,
INDIUM, GALLIUM, COPPER, SILVER, LEAD, AND BISMUTH BY THE

- PHASE-SHIFT METHOD. JOURNAL OF THE OPTICAL SOCIETY 57, NO. 8, 1000-1007 (1967).
CUNNINGHAM, PAUL T. LINK, JOHN K.
- 261 BIELECTRIC SENSITIVITY OF THE CORPUS CALLOSUM TO CYCLOTRON-ACCELERATED ALPHA PARTICLES. RADIATION RESEARCH 31, NO. 3, 1 (JULY 1967).
GAFFEY, T. CORNELIUS MONTOYA, VICTOR J.
- 262 FLUCTUATIONS OF ENERGY LOSS BY HEAVY CHARGED PARTICLES. RADIATION RESEARCH 31, NO. 3, 2 (JULY 1967).
MACCABEE, HOWARD D. RAJU, MUDUNDI R.
TOBIAS, CORNELIUS A.
- 263 UV-INDUCED ENHANCEMENT OF RECOMBINATION AMONG BACTERIOPHAGES IN UV-SENSITIVE HOST CELLS. RADIATION RESEARCH 31, NO. 3, 3 (JULY 1967).
BAKER, RAYMOND M. HAYNES, ROBERT H.
FREIFELDER, DAVID M.
- 264 (UCRL-17327)*
THE KOUTECKY CORRECTION TO THE ILKOVIC EQUATION. JOURNAL OF ELECTROANALYTICAL CHEMISTRY 15, 309-312 (1967).
NEWMAN, JOHN
- 265 (UCRL-17068 REV.)*
STUDY OF BRANCH POINTS IN THE ANGULAR MOMENTUM PLANE. PHYSICAL REVIEW 159, NO. 5, 1471-1487 (JULY 25, 1967).
ROTHER, HEINZ J.
- 266 (UCRL-17290)*
ELECTRON BINDING ENERGIES FOR HIGHLY IONIZED FISSION-FRAGMENT ATOMS. JOURNAL OF CHEMICAL PHYSICS 47 NO. 2, 778-783 (JULY 1967).
WATSON, RAND L. RASMUSSEN, JOHN O.
- 267 HEPATIC IRON DEPOSITION IN HUMANS. I. FIRST-PASS HEPATIC DEPOSITION OF INTESTINALLY ABSORBED IRON IN PATIENTS WITH LOW PLASMA LATENT IRON-BUILDING CAPACITY. BLOOD 30, NO. 4, 417-424 (OCTOBER 1967).
FAWWAZ, RASHID A. WINCHELL, HARRY S.
POLLYCOVE, MYRON SARGENT, THORNTON
- 268 CONSTRUCTION OF A GROWTH CURVE FOR MAMMARY TUMORS OF THE RAT. CANCER RESEARCH 27, PART 1, 1341-1347 (AUGUST 1967).
DURBIN, PATRICIA W. JEUNG, NYLAN
WILLIAMS, MARILYN H. ARNOLD, JAMES S.
- 269 (UCRL-17408)*
NUCLEON-NUCLEON SCATTERING EXPERIMENT AT INTERMEDIATE ENERGIES IN BERKELEY. REVIEW OF MODERN PHYSICS 39, NO. 3, 526-530 (JULY 1967).
CHENG, DAVID
- 270 (UCRL-17123)*
AMINE EXTRACTION SYSTEMS. PROC. OF THE INTERN. CONF. ON SOLVENT EXTRACTION CHEM. (1967), PP. 349-361.
DIAMOND, RICHARD M.
- 271 (UCRL-17304)*
ELECTRON SPIN RESONANCE SPECTRA OF THE RADICAL ANIONS OF PYRIDINE AND RELATED NITROGEN HETEROCYCLICS. MOLECULAR PHYSICS 12, NO. 6, 549-567 (1967).

- TALCOTT, CAROLYN L. MYERS, ROLLIE J.
- 272 (UCRL-16925)*
GAS-LIQUID MASS TRANSFER WITH A TANGENTIALLY MOVING INTERFACE --
PART I. THEORY. AMERICAN INSTITUTE OF CHEMICAL ENGINEERS 13,
NO. 4, 628-644 (JULY 1967).
BYERS, CHARLES H. KING, C. JUDSON
- 273 (UCRL-17308)*
NOTE ON THE MAGNETIC-MOMENT ADIABATIC INVARIANT FOR PARTICLE
MOTION IN A DIPOLE MAGNETIC FIELD. GEOPHYSICAL RESEARCH 72,
NO. 15, 4016-4019 (AUGUST 1, 1967).
HECKMAN, HARRY H.
- 274 (UCRL-17506)*
AIRBORNE SPECTROGRAPHIC OBSERVATIONS OF THE SOLAR ECLIPSE OF
NOVEMBER 12, 1966. THE ASTROPHYSICAL JOURNAL 150, 299-301 (OCT.
1967).
CONWAY, JOHN G. MORRIS, WILLIAM F.
ANDREWS, C. FREDERICK
- 275 (UCRL-16703)*
AN EXPERIMENTAL EQUATION OF STATE FOR ALUMINUM TO THE DEBYE
APPROXIMATION. JOURNAL OF THE PHYSICS AND CHEMISTRY OF SOLIDS 28,
1419-1426 (1967).
RAIMONDI, DONALD JURA, GEORGE
- 276 (UCRL-17627)*
POSSIBLE OBSERVATIONS OF VACUUM POLARIZATION EFFECTS IN THE
1-S-ZERO P-P STATE. PHYSICS LETTERS 26B, NO. 2, 89 (AUGUST 7,
1967).
SLOBODRIAN, RODOLFO J.
- 277 (UCRL-17421)*
THE 2P FINAL STATE INTERACTION IN THE HELIUM-3 (HELIUM-3, ALPHA)
2P REACTION. PHYSICAL LETTERS 25B, NO. 1, 19-22 (JULY 24, 1967).
SLOBODRIAN, RASHID J. MCKEE, JAMES S. C.
TIVOL, WILLIAM F. CLARK, DAVID J.
TOMBRELLO, THOMAS A.
- 278 KINETICS OF THE PHAGOCYTOSIS OF REPEATED INJECTIONS OF COLLOIDAL
CARBON -- BLOCKADE. A LATENT PERIOD OR STIMULATION -- A QUESTION
OF TIMING AND DOSE. (IN BOOK -- THE RETICULOENDOTHELIAL
SYSTEM AND ATHEROSCLEROSIS (1967), PP. 63-73).
DOBSON, ERNEST L. KELLY, LOLA S.
FINNEY, CAROLINE
- 279 (UCRL-9987 REV. 2)*
EXPERIMENTAL STUDY OF NONEQUIMOLAL DIFFUSION IN TERNARY GAS
MIXTURES. A. I. CH. E. 13, NO. 3, 577-580 (1967).
GETZINGER, RICHARD W. WILKE, CHARLES R.
- 280 (UCRL-17490)*
THERMODYNAMICS OF LIGHT EMISSION AND FREE-ENERGY STORAGE IN
PHOTOSYNTHESIS. BIOPHYSICAL JOURNAL 7, NO. 5, 595-614 (1967).
ROSS, ROBERT T. CALVIN, MELVIN
- 281 (UCRL-17271)*
DIFFUSION OF XENON IN URANIUM MONOCARBIDE. NUCLEAR SCIENCE AND
ENGINEERING 29, 122-130 (1967).
SHAKED, HAGAI OLANDER, DONALD R.
PIGFORD, THOMAS H.

- 282 (UCRL-17146)*
THE ANNEALING OF STACKING FAULT TETRAHEDRA IN GOLD. PHILOSOPHICAL
MAGAZINE 16, NO. 141, 459-466 (SEPT. 1967).
YOKOTA, MICHAEL J. WASHBURN, JACK
- 283 (UCRL-17174)*
SOME ENERGY MEASUREMENTS RELATED TO STRUCTURE OF METALLIC LIQUIDS.
REV. INT. HAUTES TEMPER ET REFRACT. 4, 123-129 (1967).
HULTGREN, RALPH ORR, RAYMOND L.
- 284 A NOTE CONCERNING THE FATE OF THE 4-METHOXYL GROUP IN 3, 4-
DIMETHOXYPHENETHYLAMINE (DMPEA). BIOCHEMICAL AND BIOPHYSICAL
RESEARCH COMMUNICATIONS 29, NO. 1, 126-130 (1967).
SARGENT, THORNTON W. ISRAELSTAM, DAVID M.
SHULGIN, ALEXANDER T. LANDAW, STEPHEN A.
FINLEY, NANCY N.
- 285 SOME ASPECTS OF THE STUDY OF FISSION. ARKIV DE PHYSIK 36, NO. 34,
267-277 (1967).
THOMPSON, STANLEY G.
- 286 (UCRL-17143)*
HEAVY-ION PROJECTILES AND IN-BEAM SPECTROSCOPY. ARKIV DE PHYSIK
36, NO. 28, 221-236 (1967).
DIAMOND, RICHARD M. STEPHENS, FRANK S.
- 287 ELECTROPHYSIOLOGICAL MANIFESTATIONS OF EXPERIMENTAL BOTULINAL
INTOXICATION -- DEPRESSION OF CORTICAL EEG. EXPERIMENTAL
NEUROLOGY 19, 199-221 (1967).
SIMPSON, LANCE L. DE BALBIAN VERSTER, FLORIS
TAPP, JACK T.
- 288 (UCRL-17431)*
ACTIVATION DETECTORS FOR 2.50-MEV PULSED NEUTRON SOURCES.
NUCLEAR INSTRUMENTS AND METHODS 53, 290-292 (1967).
RUBY, LAWRENCE RECHEN, JOSEPH B.
- 289 (UCRL-16994)*
DETERMINATION OF MASS OF LARGE GAS VOLUMES BY DIRECT WEIGHTING.
JOURNAL OF SCIENTIFIC INSTRUMENTS 44, 789-790 (1967).
FINEGOLD, LEONARD
- 290 SIMILARITY IN DISTRIBUTION OF SKELETAL BLOOD FLOW AND
ERYTHROPOIETIC MARROW. CLINICAL ORTHOPAEDICS NO. 52, PP. 37-51
(1967).
VAN DYKE, DONALD
- 291 PUBLIC REACTIONS TO NUCLEAR FACILITIES. AMERICAN JOURNAL OF
PUBLIC HEALTH 57, NO. 8, 1263-1268 (AUGUST 1967).
GRENDON, ALEXANDER
- 292 (UCRL-17459)*
PRODUCT INVENTORY IN THE RADIOLYSIS OF CRYSTALLINE CHOLINE
CHLORIDE. J. OF PHYSICAL CHEM. 71, 3350-3352 (1967).
ACKERMAN, MARGARET LEMMON, RICHARD M.
- 293 (UCRL-17422)*
A SEARCH FOR EXCITED STATES OF HELIUM-3. NUCLEAR PHYSICS A101,
109-112 (1967).
SLOBRODRIAN, RODOLFO J. MCKEE, JAMES S. C.
CLARK, DAVID J. TIVOL, WILLIAM F.
TOMBRELLO, THOMAS A.

- 294 (UCRL-17338)*
DEFINITION AND REALIZATION OF CRITICAL FOCUSING CONDITIONS OF PI-2
MAGNETIC FIELD AT HIGH RESOLUTION. NUCLEAR INSTRUMENTS AND
METHODS 53, 25-28 (1967).
BERGKVIST, KARL-ERIK HOLLANDER, JACK M.
- 295 (UCRL-17742)*
NUMERICAL APPLICATIONS OF CUBIC SPLINE FUNCTIONS. THE LOGISTICS
REVIEW 3, NO. 14, 9-14 (1967).
YOUNG, JONATHAN
- 296 (UCRL-17115)*
GROWTH OF MODULATED STRUCTURE IN GOLD -- PLATINUM ALLOYS. ACTA
METALLURGICA 15, 1567-1572 (OCT. 1967).
CARPENTER, RAY W.
- 297 (UCRL-17458)*
THEORY OF SEQUENTIAL DECAYS. PHYS. REV. 160, NO. 5, 1151-1164
(AUGUST 25, 1967).
GOLDHABER, ALFRED S. WATSON, KENNETH M.
- 298 THE STRUGGLE FOR LIFE. PART I. TWO SPECIES. BULLETIN OF
MATHEMATICAL BIOPHYSICS 29, 377-388 (1967).
RESCIGNO, ALDO RICHARDSON, IRVIN W.
- 299 (UCRL-16468)*
THE HEAT OF SOLUTION OF CURIUM METAL AND THE HEATS OF FORMATION OF
CURIUM+III(AQ) AND CURIUM CHLORIDE(C). JOURNAL OF INORGANIC AND
NUCLEAR CHEMISTRY 29, 2097-2098 (1967).
WALLMANN, JAMES C. FUGER, JEAN
HAUG, HERMANN MAREI, SAYED A.
BANSAL, BRIJ M.
- 300 (UCRL-17409)*
VARIABLES AFFECTING ION EXCHANGE FOR INTERACTINIDE SEPARATIONS.
JOURNAL OF INORGANIC AND NUCLEAR CHEMISTRY 29, 2041-2045 (1967).
ALY, HESHAM F. LATIMER, ROBERT M.
- 301 THE CRYSTAL AND MOLECULAR STRUCTURE OF SULFUR NITRIDE -- BORON
TRIFLUORIDE. J. OF INORGANIC CHEMISTRY 6, 1906-1910 (1967).
DREW, MICHAEL TEMPLETON, DAVID H.
ZALKIN, ALLAN
- 302 (UCRL-17647)*
INELASTIC SCATTERING OF N2-PLUS BY HELIUM. J. OF CHEMICAL
PHYSICS 47, NO. 5, 1856-1857 (SEPT. 1, 1967).
GENTRY, WILLIAM R. GISLASON, ERIC A.
MAHAN, BRUCE H. TSAO, CHI-WING
- 303 (UCRL-17371)*
THE CRYSTAL STRUCTURE OF CS(B9C2H11)2CO. J. OF INORGANIC
CHEMISTRY 6, 1911-1915 (1967).
ZALKIN, ALLAN HOPKINS, TED E.
TEMPLETON, DAVID H.
- 304 (UCRL-17429)*
ANALYTICITY PROPERTIES OF HELICITY AMPLITUDES. PHYSICAL REVIEW
160, NO. 5, 1251-1256 (AUGUST 25, 1967).
STAPP, HENRY P.
- 305 O(4) SYMMETRY AND REGGE BEHAVIOR THEORY. PHYSICAL REVIEW 160, NO.
5, 1560-1571 (AUGUST 25, 1967).
FREEDMAN, DANIEL Z. WANG, JIUUN-MIN

- 306 (UCRL-17466)*
PHENOMENON OF THE METASTABLE STATE COHERENTLY EXCITED BY ELECTRON
IMPACT. PHYSICAL REVIEW 162, NO. 1, 16-22 (OCT. 5, 1967).
HADEISHI, TETSUO
- 307 (UCRL-16631)*
KINETIC EQUATION FOR A WEAKLY UNSTABLE PLASMA. PHYSICS OF FLUIDS
10, NO. 8, 1623-1628 (AUGUST 1967).
PRICE, JOHN C.
- 308 (UCRL-17407)*
FIXED-U SUM RULES IN PION-NUCLEON SCATTERING. PHYSICAL REVIEW
160, NO. 5, 1363-1365 (AUGUST 25, 1967).
BEDER, DOUGLAS S. FINKLESTEIN, JEROME
- 309 (UCRL-17322)*
ON LINE ALPHA SPECTROSCOPY OF NEUTRON-DEFICIENT RADIUM ISOTOPES.
PHYSICAL REVIEW 161, NO. 4, 1284-1289 (SEPT. 20, 1967).
VALLI, KALVI TREYTL, WILLIAM
HYDE, EARL K.
- 310 (UCRL-17302)*
REGGE-POLE MODEL FOR THE SECONDARY MAXIMA IN PION-NUCLEON AND
NUCLEON-NUCLEON SCATTERING AND THE NO-COMPENSATION MECHANISM.
PHYS. REV. 161, NO. 5, 1563-1570 (SEPT. 25, 1967).
CHIU, CHARLES B. CHU, SHU-YUAN
WANG, LING-LIE
- 311 (UCRL-17491)*
ANALYTIC S-MATRIX APPROACH TO ZERO-MOMENTUM-TRANSFER SYMMETRY.
PHYS. REV. 161, NO. 5, 1459-1463 (SEPT. 25, 1967).
BALI, NAREN F. BALL, JAMES S.
CHEW, GEOFFREY F. PIGNOTTI, ALBERTO
- 312 (UCRL-17475)*
REGGE TRAJECTORIES FOR TWO YUKAWA POTENTIALS. PHYS. REV. 161,
NO. 5, 1450-1458 (SEPT. 25, 1967).
BALI, NAREN F. CHU, SHU-YUAN
HAYMAKER, RICHARD W. TAN, CHUNG-I
- 313 (UCRL-17427)*
THE SEARCH FOR ELEMENT 102. PHYSICS TODAY 20, NO. 9, 25-32 (SEPT.
1967).
GHIORSO, ALBERT SIKKELAND, TORBJORN
- 314 RADIO FREQUENCY HYBRID TEES FOR NUCLEAR MAGNETIC RESONANCE.
REVIEW OF SCIENTIFIC INSTRUMENTS 38 NO. 10, 1545-1546 (OCT. 1967).
KLEIN, MELVIN P. PHELPS, DONALD E.
- 315 REPLY TO 'COMMENTS ON DISLOCATION CLIMB AND DETERMINATION OF
STACKING FAULT ENERGIES IN ALUMINUM AND ALUMINUM-1 PER CENT
MAGNESIUM.' J. OF APPLIED PHYSICS 38, NO. 10, 4076-4077 (SEPT.
1967).
KANNAN, VUGRANAM THOMAS, GARETH
- 316 VOLATILE SILICON COMPLEXES OF ETIOPORPHYRIN I. J. OF THE AMERICAN
CHEMICAL SOCIETY 89, 5472-5473 (1967).
BOYLAN, DAVID B. CALVIN, MELVIN
- 317 PLASMA GROWTH HORMONE STUDIES IN NORMAL INDIVIDUALS AND
ACROMEGALIC PATIENTS. J. OF CLINICAL ENDOCRINOLOGY AND
METABOLISM 27, NO. 10, 1395-1402 (OCT. 1967).

GARCIA, JOSEPH F.
MANOUGIAN, EDWARD
LAWRENCE, JOHN H.

LINFOOT, JOHN A.
BORN, JAMES L.

- 318 (UCRL-17161)*
THE CONFIGURATION AND ENERGY OF DEFECTS ON THE (100) SURFACE OF AN
FCC MOLECULAR CRYSTAL. (IN BOOK -- FUNDAMENTALS OF GAS-SURFACE
INTERACTIONS (1967), PP. 75-88).
BURTON, JAMES J. JURA, GEORGE
- 319 (UCRL-17709)*
ENERGY DEPENDENCE OF MAGNESIUM-26(P,T) MAGNESIUM-24 AND
CARBON-12(P,T) CARBON-10 L=0 AND L=2 ANGULAR DISTRIBUTION SHAPES.
PHYSICS LETTERS 25B, NO. 5, 324-327 (SEPT. 18, 1967).
COSPER, SAMMIE W. BRUNNADER, HERMAN
CERNY, JOSEPH MCGRATH, ROBERT L.
- 320 (UCRL-17518)*
K-X-RAY YIELDS OF PRIMARY CALIFORNIUM-252 FISSION
PRODUCTS. PHYS. REV. 162, NO. 4, 1169-1174 (OCT. 20, 1967).
WATSON, RAND L. BOWMAN, HARRY R.
THOMPSON, STANLEY G.
- 321 (UCRL-17552)*
POWER BEHAVIOR OF THE SCATTERING AMPLITUDE AT FIXED-MOMENTUM
TRANSFER AND A RECONSIDERATION OF THE CERULUS-MARTIN LOWER BOUND.
PHYS. REV. 162, NO. 5, 1701-1705 (OCT. 25, 1967).
CHIU, CHARLES B. TAN, CHUNG-I
- 322 (UCRL-17572)*
K-PLUS NEUTRON CHARGE EXCHANGE AND THE RHO-PRIME REGGE TRAJECTORY.
PHYS. REV. 162, NO. 5, 1378-1385 (OCT. 25, 1967).
RARITA, WILLIAM SCHWARZSCHILD, BERTRAM M.
- 323 TRITIUM INCORPORATION STUDIES IN PHOTOSYNTHETIC BACTERIA. PROC.
OF THE NATIONAL ACADEMY OF SCIENCES 58, NO. 4, 1556-1559 (OCT.
1967).
DEHNER, THOMAS R. CHAN, HENRY W. S.
CAPLE, MARIANNE BYRN CALVIN, MELVIN
- 324 (UCRL-17310)*
PARASTATISTICS AND A UNIFIED THEORY OF IDENTICAL PARTICLES.
ANNALS OF PHYSICS 45, NO. 1, 72-92 (1967).
LANDSHOFF, PETER STAPP, HENRY
- 325 (UCRL-17504)*
INFLUENCE OF CORIOLIS COUPLING, PAIRING AND OCTUPOLE VIBRATION-
PARTICLE COUPLING ON DELTA-K = MINUS-1 E1 TRANSITIONS IN
HAFNIUM-177. NUCLEAR PHYSICS A101, 513-526 (1967).
BERNTHAL, FREDERICK RASMUSSEN, JOHN O.
- 326 (UCRL-17632)*
GERMANIUM FET -- A NOVEL ELEMENT FOR LOW-NOISE PREAMPLIFIERS.
NUCLEAR INSTRUMENTS AND METHODS 54, 308-310 (1967).
ELAD, EMMANUAL NAKAMURA, MICHİYUKI
- 327 (UCRL-17726)*
ANTIXI PRODUCTION IN K-PLUS PROTON INTERACTIONS AT 9 GEV/C.
PHYSICS LETTERS 25B, NO. 6, 443-445 (OCTOBER 2, 1967).
SHEN, BENJAMIN C. FIRESTONE, ALEXANDER
GOLDHABER, GERSON

- 328 THE DEVELOPMENT OF HIGH-ENERGY ACCELERATORS (BOOK REVIEW).
AMERICAN JOURNAL OF PHYSICS 35, NO. 9, 897-898 (SEPT. 1967).
LOFGREN, EDWARD J.
- 329 (UCRL-17562)*
MASS DIFFERENCES, SU(3), AND MESON-BARYON SCATTERING. PHYSICAL
REVIEW 162, NO. 5, 1710-1716 (OCT. 25, 1967).
CHU, R. Y. L. EVERETT, ALLEN E.
- 330 (UCRL-17534)*
REACTIONS OF SILANE, GERMANE AND STANNANE WITH METAL AND AMIDE
AMMONIA SOLUTIONS. J. OF INORGANIC CHEMISTRY 6, 1986-1989 (1967).
JOLLY, WILLIAM RUSTAD, DOUGLAS S.
- 331 SURFACE STRUCTURE OF NUCLEATED ANIMAL CELLS -- CARBON REPLICAS.
PROC. OF THE 25TH ANNUAL MEETING OF THE ELECTRON MICROSCOPY
SOCIETY OF AMERICA (1967), 2 PAGES (UNNUMBERED).
GLAESER, ROBERT M. SCOTT, THEA
- 332 (UCRL-17638)*
MULTIPLE PRODUCTION THEORY VIA TOLLER VARIABLES. PHYS. REV.
LETTERS 19, NO. 10, 614-618 (SEPT. 4, 1967).
BALI, NAREN F. CHEW, GEOFFREY F.
PIGNOTTI, ALBERTO
- 333 (UCRL-17669)*
HIGH-PRECISION MEASUREMENT OF PROTON-PROTON POLARIZATION BETWEEN
10 AND 20 MEV. PHYS. REV. LETTERS 19, NO. 12, 704-705 (SEPT. 18,
1967).
SLOBODRIAN, RODOLFO J. MCKEE, JAMES S. C.
BICHSEL, HANS TIVOL, WILLIAM F.

This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:

- A. Makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or
- B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission, or employee of such contractor, to the extent that such employee or contractor of the Commission, or employee of such contractor prepares, disseminates, or provides access to, any information pursuant to his employment or contract with the Commission, or his employment with such contractor.

