

HAMBURG DESY - DESY 71/1 (71,REC.JAN) 9 P.
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HIGH-ENERGY SCATTERING OF A FERMION WITH ANOMALOUS MAGNETIC MOMENT -
NONEXPONENTIATION.

CHENG H, WU T T

*
* PUBLISHED IN: *
* *
* PHYS. REV. D3 (1971) 2394-2396. *
* *

HAMBURG DESY - DESY 71/4 (71,REC.FEB) 61 P.
=====

THE REACTION ANTI-P P --> ANTI-P P PI- PI+ AT 12 GEV/C.

BORECKA I ET AL.

* PUBLISHED IN: *
* NUOVO CIMENTO A5 (1971) 19-55. *

HAMBURG DESY - DESY 71/3 (71,REC.MAR) 18 P.
=====

ON THE ACCURACY OF THE PHOTON-DIFFERENCE METHOD USED IN HIGH-ENERGY
PHOTONUCLEAR EXPERIMENTS.

TESCH K

*
* PUBLISHED IN: *
* *
* NUCL. INSTR. METHODS 95 (1971) 245-252. *
* *

HAMBURG DESY - DESY 71/5 (71,REC.FEB) 12 P.
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TOTAL PHOTOPRODUCTION CROSS SECTION OF HADRONS ON NUCLEI.

HEYDEN V ET AL.

*
* PUBLISHED IN: *
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* PHYSICS LETTERS 34B (1971) 651-654. *
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DES 471/6
855

Cheng, H. | Wu, T, T.

Impact Picture and the
Eikonal Approximation

S. Physics Letters 34B, 647-50 (1971)

HAMBURG DESY - DESY 71/8 (71,REC.MAR) 35 P.
=====

ANALYSIS OF THE REACTION $\pi^+ p \rightarrow \rho^0 \Delta^{++}$ AT 11.7 GEV/C INCIDENT
MOMENTUM. I. EXPERIMENTAL INVESTIGATION.

MADDOCK R O ET AL.

* PUBLISHED IN: *
* NUOVO CIMENTO 5A (1971) 433-456. *
* *****

HAMBURG DESY - DESY 71/9 (71,REC.MAR) 48 P.
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ELECTROPRODUCTION OF SINGLE π^+ MESONS ON HYDROGEN.

DRIVER C ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B30 (1971) 245-266. *
* *****

HAMBURG DESY - DESY 71/10 (71,REC.MAR) 37 P.
=====

RELATIVISTIC SCALAR QUARK MODEL WITH STRONG BINDING.

BOEHM M ET AL.

*
* PUBLISHED IN: *
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* NUOVO CIMENTO 7A (1972) 21-46. *
*

HAMBURG DESY - DESY 71/11 (71,REC.MAR) 24 P.
=====

ELECTROPRODUCTION OF OMEGA-MESONS AS A TEST OF THE RHO OMEGA PI-VERTEX.

FRAAS H

*
* PUBLISHED IN: *
* *
* NUCL. PHYS. B36 (1972) 191-204. *
* *

HAMBURG DESY - DESY 71/12 (71,REC.MAR) 18 P.
=====

COMPARISON OF PION ELECTROPRODUCTION DATA WITH VECTOR MESON DOMINANCE
PREDICTIONS.

FRAAS H, SCHILDKNECHT D

* PUBLISHED IN: *
* PHYSICS LETTERS 35B (1971) 72-76. *

HAMBURG DESY - DESY 71/13 (71,REC.APR) 55 P.
=====

HIGH-ENERGY SCATTERING IN PHI-TO-THE-THIRD THEORY AND THE BREAKDOWN OF
THE EIKONAL APPROXIMATION. I.

CHENG H, WU T T

* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 3170-3189. *
* *****

HAMBURG DESY - DESY 71/14 (71,REC.APR) 10 P.
=====

A MODEL FOR VECTOR-VECTOR-TENSOR MESON COUPLING CONSTANTS.

RENNER B

* PUBLISHED IN: *
* NUCL. PHYS. B30 (1971) 634-640. *
* *****

HAMBURG DESY - DESY 71/15 (71,REC.APR) 11 P.
=====

INELASTIC ELECTRON-PHOTON SCATTERING.

WALSH T F

*
* PUBLISHED IN: *
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* PHYSICS LETTERS 36B (1971) 121-123. *
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HAMBURG DESY - DESY 71/16 (71,REC.JUN) 29 P.
=====

HIGH-ENERGY SCATTERING IN PHI-TO-THE-3 THEORY AND THE BREAKDOWN OF
EIKONAL APPROXIMATION. II.

CHENG H, WU T T

* PUBLISHED IN: *
* PHYS. REV. D6 (1972) 1693-1701. *
* *****

HAMBURG DESY - DESY 71/17 (71,REC.MAR 72) 9 P.
=====

REGGE POLES FOR LARGE COUPLING CONSTANTS. I.

CHENG H, WU T T

* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 3189-3191. *
* *****

HAMBURG DESY - DESY 71/20 (71,REC.MAY) 10 P.
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FINITE-ENERGY SUM RULES AND THE REACTIONS $E E \rightarrow E E$ EPSILON(750) $E E \rightarrow E E$ F(1260).

SCHREMPP-OTTO B ET AL.

*
* PUBLISHED IN: *
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* PHYSICS LETTERS 36B (1971) 463-466. *
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HAMBURG DESY - DESY 71/21 (71,REC.MAY) 10 P.
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INELASTIC ELECTRON-PROTON SCATTERING IN THE REGION OF THE DELTA(1236)
RESONANCE.

BARTEL W ET AL.

* PUBLISHED IN: *
* PHYSICS LETTERS 35B (1971) 181-184. *

HAMBURG DESY - DESY 71/23 (71,REC.MAY) 12 P.
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CONSIDERATIONS ON MEASURING GAMMA GAMMA --> PI+ PI- WITH COLLIDING
BEAMS.

CHENG H, WU T T

*
* PUBLISHED IN: *
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* PHYSICS LETTERS 36B (1971) 241-245. *
* *

HAMBURG DESY - DESY 71/24 (71,REC.MAY) 47 P.
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UNITARIZED FINITE ENERGY SUM RULES AND THEIR APPLICATION TO PI N-CHARGE EXCHANGE.

SCHREMPF F

* PUBLISHED IN: *
* NUCL. PHYS. B41 (1972) 557-586. *
* *****

HAMBURG DESY - DESY 71/26 (71,REC.JUN) 12 P.
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DETERMINATION OF THE PHOTOPRODUCTION PHASE OF PHI MESONS.

ALVENSLEBEN H ET AL.

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* PUBLISHED IN: *
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* PHYS. REV. LETTERS 27 (1971) 444-448. *
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HAMBURG DESY - DESY 71/27 (71,REC. JUN) 54 P.
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THEORETICAL INVESTIGATIONS OF THE ASYMMETRY IN PION PHOTOPRODUCTION WITH
POLARIZED TARGETS. (IN GERMAN)

KRAMER G

* PUBLISHED IN: *
* FORTSCHR. PHYSIK 19 (1972) 725-755. *
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Translation of
DESY - 71/28 =

Schuldknecht, D. J.
Willenbrin, H.-J. / Wolf, G. =

e^+e^- Storage - Ring Experiments

= existing as microfiche
in the library - office

HAMBURG DESY - DESY 71/29 (71,REC. JUL) 27 P.
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ELECTROPRODUCTION OF π^0 MESONS ON PROTONS IN THE BACKWARD DIRECTION.

DRIVER C ET AL.

*
* PUBLISHED IN: *
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* NUCL. PHYS. B33 (1971) 84-100. *
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HAMBURG DESY - DESY 71/30 (71,REC.AUG) 34 P.
=====

PRODUCTION OF PION PAIRS IN ELECTRON COLLIDING BEAMS.

CHENG H, WU T T

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* PUBLISHED IN: *
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* NUCL. PHYS. B32 (1971) 461-485. *
* *

HAMBURG DESY - DESY 71/31 (71,REC.AUG) 31 P.
=====

REGGE POLES FOR LARGE COUPLING CONSTANTS. II.

CHENG H, WU T T

* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 3192-3201. *

HAMBURG DESY - DESY 71/32 (71,REC.JUL) 28 P.
=====

SCATTERING OF A CHARGED VECTOR MESON IN A STATIC FIELD AT HIGH ENERGIES.

HUNG CHENG, WU T T

* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 445-456. *
* *****

HAMBURG DESY - DESY 71/33 (71,REC.AUG) 17 P.
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EXCITATION OF THE DELTA(1236) RESONANCE ON BOUND STATE NEUTRONS.

BLECKWENN J ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B33 (1971) 475-484. *

HAMBURG DESY - DESY 71/34 (71,REC.JUL) 26 P.
=====

A RELATIVISTIC ONE-BOSON-EXCHANGE MODEL OF NUCLEON-NUCLEON INTERACTION.

SCHIERHOLZ G

*
* PUBLISHED IN: *
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* NUCL. PHYS. B40 (1972) 335-348. *
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HAMBURG DESY - DESY 71/35 (71,REC.AUG) 55 P.
=====

ELECTROPRODUCTION OF PI-MESONS ON PROTONS ABOVE THE SECOND RESONANCE.

HEINLOTH K

* PUBLISHED IN: *
* IN *DNPL/R15 STUDY WEEKEND, INELASTIC ELECTRON SCATTERING, JUNE *
* 1971*, 167-213. *

HAMBURG DESY - DESY 71/36 (71,REC.JUN) 12 P.
=====

DIFFRACTIVE INELASTIC PROCESSES AT EXTREMELY HIGH ENERGIES.

CHENG H, WU T T

*
* PUBLISHED IN: *
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* PHYSICS LETTERS 36B (1971) 357-360. *
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HAMBURG DESY - DESY 71/37 (71,REC. JUL) 11 P.

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PRECISE DETERMINATION OF RHO-OMEGA INTERFERENCE PARAMETERS FROM
PHOTOPRODUCTION OF VECTOR MESONS OFF NUCLEON AND NUCLEI.

ALVENSLEBEN H ET AL.

* PUBLISHED IN: *
* PHYS. REV. LETTERS 27 (1971) 888-892. *
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HAMBURG DESY - DESY 71/38 (71,REC.SEP) 25 P.
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CLASSICAL FIELD MODEL PREDICTIONS FOR ELECTROPRODUCTION OF NUCLEON
RESONANCES.

PRITCHETT P L

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* PUBLISHED IN: *
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* NUCL. PHYS. B33 (1971) 573-588. *
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HAMBURG DESY - DESY 71/39 (71,REC.JUL) 85 P.
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SMALL-DISTANCE-BEHAVIOUR ANALYSIS AND WILSON EXPANSIONS.

SYMANZIK K

*
* PUBLISHED IN: *
* * * * *
* COMMUN. MATH. PHYS. 23 (1971) 49-86. *
* * * * *

HAMBURG DESY - DESY 71/40 (71,REC.SEP) 39 P.

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COMPARISON OF THE DIFFRACTION-DISSOCIATION MODEL FOR HIGH-ENERGY RHO
PHOTOPRODUCTION WITH EMPIRICAL DATA.

KRAMER G

*
* PUBLISHED IN: *
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* Z. PHYSIK 250 (1972) 413-435. *
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HAMBURG DESY - DESY 71/41 (71,REC.SEP) 19 P.
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IMPLICATIONS OF FINITE ENERGY SUM RULES IN PION-HYPERON SCATTERING.

RENNER B, ZERWAS P

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* PUBLISHED IN: *
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* NUCL. PHYS. B35 (1971) 397-405. *
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HAMBURG DESY - DESY 71/42 (71,REC.MAR 72) 12 P.
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ON THE PROBLEM OF THE SIGMA TERMS IN MESON-BARYON SCATTERING COMMENTS ON
RECENT LITERATURE. (TALK)

RENNER B

*
* PUBLISHED IN: *
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* IN *SPRINGER TRACTS IN MODERN PHYSICS, VOL. 61*, BERLIN 1972, *
* 120-129. *
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HAMBURG DESY - DESY 71/43 (71,REC.SEP) 26 P.

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VECTOR-MESON DOMINANCE AND SMOOTHNESS OF INVARIANT AMPLITUDES IN PI
DELTA(1236) ELECTROPRODUCTION.

BARTL A ET AL.

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* PUBLISHED IN: *
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* NUOVO CIMENTO 12A (1972) 703-723. *
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HAMBURG DESY - DESY 71/43 (71,REC.SEP) 26 P.
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VECTOR-MESON DOMINANCE AND PI DELTA(1236) ELECTROPRODUCTION.

BARTL A, SCHILDKNECHT D

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* PUBLISHED IN:
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* NUCL. PHYS. B36 (1972) 28-44.
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HAMBURG DESY - DESY 71/44 (71,REC.MAR 72) 23 P.

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COINCIDENCE EXPERIMENT ON INELASTIC ELECTRON-PROTON SCATTERING IN THE
REGION OF THE DELTA(1236) AT Q-SQUARED=-0.35 AND 1.0 (GEV/C)SQUARED.

GALSTER S ET AL.

* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 519-527. *
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HAMBURG DESY - DESY 71/46 (71,REC.SEP) 64 P.
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ARE REGGE CUTS STILL WORTHWHILE?

SCHREMPP-OTTO B, SCHREMPP F

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* PUBLISHED IN: *
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* IN *SPRINGER TRACTS IN MODERN PHYSICS, VOL. 61*, BERLIN 1972, *
* 68-108. *
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HAMBURG DESY - DESY 71/47 (71,REC.OCT) 10 P.
=====

INVESTIGATION OF THE REACTION $E P \rightarrow E P \text{ GAMMA}$ BELOW PION THRESHOLD.

BARTEL W ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B37 (1972) 86-92. *
* *****

HAMBURG DESY - DESY 71/48 (71,REC.SEP) 10 P.
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SUPERPROPAGATORS ON NON-LOCALIZABLE FIELDS.

FLUME R

* PUBLISHED IN: *
* COMMUN. MATH. PHYS. 24 (1972) 303-309. *
* *****

HAMBURG DESY - DESY 71/49 (71,REC.OCT) 31 P.
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THEORETICAL INVESTIGATION OF THE REACTION GAMMA GAMMA --> PI PI AND THE
EPSILON --> GAMMA GAMMA AND F --> GAMMA GAMMA DECAY WIDTHS.

SCHIERHOLZ G, SUNDERMEYER K

* PUBLISHED IN: *
* NUCL. PHYS. B40 (1972) 125-140. *
* *****

HAMBURG DESY - DESY 71/51 (71,REC.NOV) 14 P.
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PROTON COMPTON SCATTERING BETWEEN 2.2 AND 7 GEV.

BUSCHHORN G ET AL.

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* PUBLISHED IN: *
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* PHYSICS LETTERS 37B (1971) 207-210. *
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HAMBURG DESY - DESY 71/52 (71,REC.NOV) 9 P.
=====

COMPTON SCATTERING OF 3.5 GEV POLARIZED PHOTONS ON PROTONS.

BUSCHHORN G ET AL.

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* PUBLISHED IN: *
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* PHYSICS LETTERS 37B (1971) 211-212. *
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HAMBURG DESY - DESY 71/53 (71,REC.OCT) 23 P.

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DEVELOPMENTS IN WEAK INTERACTIONS - THEORY.

OAKES R J

*
* PUBLISHED IN: *
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* IN *ROCHESTER 1971, PROCEEDINGS OF THE APS MEETING ON PARTICLES *
* AND FIELDS*, NEW YORK 1971, 181-203. *
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HAMBURG DESY - DESY 71/56 (71,REC.NOV) 39 P.
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ELECTROPRODUCTION OF RHO0-MESONS ON PROTONS.

DRIVER C ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B38 (1972) 1-19. *

HAMBURG DESY - DESY 71/58 (71,REC.DEC) 24 P.

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BACKWARD PRODUCTION OF VECTOR MESONS IN INELASTIC ELECTRON SCATTERING.

DRIVER C ET AL.

*
* PUBLISHED IN: *
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* NUCL. PHYS. B39 (1972) 106-118. *
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HAMBURG DESY - DESY 71/60 (71,REC.NOV) 8 P.

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QUARK MODEL RELATIONS FOR THE ELECTROPRODUCTION OF PSEUDOSCALAR MESONS.

KRAMMER M

* PUBLISHED IN: *
* REVISTA BRAS. FISICA 2 (1972) 33-38. *
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HAMBURG DESY - DESY 71/62 (REC.NOV 71) 14 P.
=====

IS THE EPSILON(700) MESON THE GOLDSTONE BOSON OF BROKEN SCALE
INVARIANCE?

RENNER B, STAUNTON L P

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* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 1676-1680. *

HAMBURG DESY - DESY 71/63 (71,REC.NOV) 11 P.
=====

UPPER LIMIT OF THE ISOTENSOR CONTRIBUTION TO THE ELECTROPRODUCTION CROSS SECTION IN THE REGION OF THE DELTA(1236) RESONANCE.

BLECKWENN J ET AL.

*
* PUBLISHED IN: *
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* PHYSICS LETTERS 38B (1972) 265-268. *
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HAMBURG DESY - DESY 71/64 (71,REC.DEC) 11 P.
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PHOTOPRODUCTION AND FORBIDDEN DECAYS OF PHI MESONS.

ALVENSLEBEN H ET AL.

* PUBLISHED IN: *
* PHYS. REV. LETTERS 28 (1972) 66-69. *
* *****

HAMBURG DESY - DESY-71/65 (71,REC.FEB 72) 5 P.
=====

ON THE T-CHANNEL DESCRIPTION OF DEEP INELASTIC ELECTROPRODUCTION.

PALLUA S, RENNER B

* PUBLISHED IN: *
* PHYSICS LETTERS 38B (1972) 105-106. *
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HAMBURG DESY - DESY 71/66 (71,REC. JAN 72) 9 P.
=====

SCALING BEHAVIOUR IN OFF-SHELL PHOTON-PHOTON SCATTERING.

WALSH T F, ZERWAS P

* PUBLISHED IN: *
* NUCL. PHYS. B41 (1972) 551-556. *
* *****

HAMBURG DESY - DESY 71/67 (71,REC.JAN 72) 8 P.
=====

THREE PION PRODUCTION IN ELECTRON COLLIDING BEAMS.

KOEBERLE R

* PUBLISHED IN: *
* PHYSICS LETTERS 38B (1972) 169-173. *
* *****

HAMBURG DESY - DESY 71/68 (71,REC.JAN 72) 20 P.
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ANALYSIS OF PHOTO AND ELECTROPRODUCTION DATA AGAINST OMEGA(W).

BRASSE F W ET AL.

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* PUBLISHED IN: *
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* NUCL. PHYS. B39 (1972) 421-431. *
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HAMBURG DESY - DESY 71/69 (71,REC.JAN 72) 28 P.
=====

HIGH-ENERGY DELBRUECK SCATTERING FROM NUCLEI.

CHENG H, WU T T

*
* PUBLISHED IN: *
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* PHYS. REV. D5 (1972) 3077-3087. *
* *

HAMBURG DESY - DESY 71/70 (71,REC.FEB 72) 53 P.
=====

ANOMALOUS MAGNETIC MOMENT OF THE CHARGED INTERMEDIATE VECTOR BOSON.

CHENG H, WU T T

* PUBLISHED IN: *
* PHYS. REV. D5 (1972) 2978-2998. *
* *****