

HAMBURG DESY - DESY 70/1 (70,REC.APR) 34 P.

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SINGLE PHOTOPRODUCTION OF NEUTRAL PI-MESONS ON HYDROGEN IN THE EXTREME FORWARD DIRECTION AT 4 AND 5.8 GEV.

BRAUNSCHWEIG M ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B20 (1970) 191-200. *
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HAMBURG DESY - DESY 70/5 (70,REC.APR) 16 P.
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NEUTRON DOSIMETRY IN THE ENERGY RANGE BETWEEN 10 AND 100 MEV.

TESCH K

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* PUBLISHED IN: *
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* NUCL. INSTR. METHODS 83 (1970) 295-299. *
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HAMBURG DESY - DESY 70/6 (70,REC.MAR) 10 P.

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DETERMINATION OF STRONG-INTERACTION NUCLEAR RADII.

ALVENSLEBEN H ET AL.

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* PUBLISHED IN:
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*   PHYS. REV. LETTERS 24 (1970) 792-796.
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HAMBURG DESY - DESY 70/7 (70,REC.MAR) 22 P.

DETERMINATION OF THE NEUTRON-NEUTRON SCATTERING LENGTH FROM A
KINEMATICALLY COMPLETE EXPERIMENT ON THE REACTION $H-2(N, 2N)H$.

ZEITNITZ B ET AL.

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* PUBLISHED IN: *
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* NUCL. PHYS. A149 (1970) 449-462. *
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HAMBURG DESY - DESY 70/8 (70,REC.MAR) 44 P.
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RESONANT PRODUCTION OF VECTOR MESONS BY POLARIZED PHOTONS. SPECIAL
CONSIDERATIONS ON THE RHO N DECAY MODE OF DELTA(1950) AND DELTA(2420).

SCHILDKNECHT D, SCHREMPP-OTTO B

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* PUBLISHED IN: *
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* NUOVO CIMENTO A5 (1971) 103-137. *
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HAMBURG DESY - DESY 70/10 (70,REC.MAR) 29 P.
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ASYMPTOTIC LOCALITY AND THE STRUCTURE OF LOCAL SYMMETRIES.

LANDAU L J

* PUBLISHED IN: *
* COMMUN. MATH. PHYS. 17 (1970) 156-176. *

HAMBURG DESY - DESY 70/11 (70,REC.MAR) 16 P.

PION ELECTROPRODUCTION AND CHOICE OF FRAME IN THE VECTOR MESON-DOMINANCE MODEL.

ISO C, SCHILDKNECHT D

* PUBLISHED IN: *
* NUCL. PHYS. B21 (1970) 242-252. *

HAMBURG DESY - DESY 70/13 (70,REC.APR) 19 P.
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PHOTOPRODUCTION OF $E^+ E^-$, RHO-OMEGA MIXING AND VECTOR DOMINANCE.

QUINN H R, WALSH T F

* PUBLISHED IN: *
* NUCL. PHYS. B22 (1970) 637-650. *

HAMBURG DESY - DESY 70/15 (70,REC.APR) 27 P.

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ON PARASTATISTICS.

DRUEHL K ET AL.

* PUBLISHED IN: *
* COMMUN. MATH. PHYS. 18 (1970) 204-226. *
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DEY 70/16

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8178

Hilper, H. G. - et al.:

Photoproduction of ρ^0 meson
on Deuterons between 1 and 5 GeV

S. Nucl. Phys. B23, 45-74 (1970)

HAMBURG DESY - DESY 70/17 (70,REC.MAY) 21 P.

TOTAL CROSS SECTION FOR PHOTOPRODUCTION OF HADRONS ON HYDROGEN AND DEUTERIUM BETWEEN 1.0 AND 6.4 GEV.

MEYER H ET AL.

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* PUBLISHED IN: *
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* PHYSICS LETTERS 33B (1970) 189-192. *
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HAMBURG DESY - DESY 70/18 (70,REC.MAY) 23 P.
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UNIVERSALITY OF THE TWO-PION ISOVECTOR COUPLING.

FABRICIUS K, KRAMER G

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* PUBLISHED IN: *
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* ACTA PHYS. AUSTRIACA 32 (1970) 35-46. *
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HAMBURG DESY - DESY 70/19 (70, REC. MAY) 13 P.
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RHO PRODUCTION WITH LINEARLY POLARIZED PHOTONS.

CRIEGEE L ET AL.

* PUBLISHED IN: *
* PHYS. REV. LETTERS 25 (1970) 1306-1308. *

HAMBURG DESY - DESY 70/20 (70,REC.MAY) 34 P.
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SMALL DISTANCE BEHAVIOUR IN FIELD THEORY AND POWER COUNTING.

SYMANZIK K

* PUBLISHED IN: *
* COMMUN. MATH. PHYS. 18 (1970) 227-246. *

HAMBURG DESY - DESY 70/21 (70,REC.JUN) 24 P.
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P- AND F-WAVE SOLUTIONS OF RELATIVISTIC QUANTUM MECHANICS FOR BARYON
EXCHANGE WITH CUT-OFF.

KATZ J, WAGNER S

* PUBLISHED IN: *
* LETTERE NUOVO CIMENTO 2 (1971) 159-168. *

HAMBURG DESY - DESY 70/22 (70,REC. JUN) 29 P.
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ON THE VALIDITY OF WARD IDENTITIES.

STICHEL P

* PUBLISHED IN: *
* COMMUN. MATH. PHYS. 18 (1970) 275-290. *
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HAMBURG DESY - DESY 70/23 (70, REC. JUN) 41 P.
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A DIFFRACTION-DISSOCIATION MODEL FOR HIGH-ENERGY RHO PHOTOPRODUCTION.

KRAMER G, QUINN H R

* PUBLISHED IN: *
* NUCL. PHYS. B27 (1971) 77-103. *
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HAMBURG DESY - DESY 70/26 (70,REC.JUN) 12 P.

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ON THE SUPERPROPAGATOR OF FIELDS WITH EXPONENTIAL COUPLING.

LEHMANN H, POHLMAYER K

* PUBLISHED IN: *
* COMMUN. MATH. PHYS. 20 (1971) 101-110. *

HAMBURG DESY - DESY 70/31 (70,REC.AUG) 37 P.
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VECTOR MESON DOMINANCE IN PHOTO- AND ELECTROPRODUCTION.

SCHILDKNECHT D

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* PUBLISHED IN: *
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* IN *MORIOND 1970, PROCEEDINGS, MEETING ON ELECTROMAGNETIC *
* INTERACTION*, ORSAY 1970, II.168-II.192. *
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PHOTOPRODUCTION OF VECTOR MESONS.

MARSHALL R

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* PUBLISHED IN: *
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* IN *DARESBUY NUCL PHYS LAB - DNPL/R 7, STUDY WEEKEND JUNE 1970 *
* ON VECTOR MESON PRODUCTION AND OMEGA-RHO INTERFERENCE*, 29-70. *
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HAMBURG DESY - DESY 70/33 (70,REC.AUG) 15 P.
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PHOTOPRODUCTION OF OMEGA-MESONS FROM NUCLEI.

BRACCINI P L ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B24 (1970) 173-181. *
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HAMBURG DESY - DESY 70/36 (70,REC.SEP) 12 P.
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PI0 ELECTROPRODUCTION AT DELTA(1236) AND A FOUR-MOMENTUM TRANSFER OF 15
FM-TO-THE-MINUS-SECOND.

ALBRECHT W ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B25 (1970) 1-8. *

HAMBURG DESY - DESY 70/39 (70,REC.SEP) 11 P.
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DETERMINATION OF THE PHOTOPRODUCTION PHASE OF RHO0 MESONS.

ALVENSLEBEN H ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B25 (1971) 342-350. *
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HAMBURG DESY - DESY 70/39 (70,REC.SEP) 11 P.
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DETERMINATION OF THE PHOTOPRODUCTION PHASE OF RHO0 MESONS.

ALVENSLEBEN H ET AL.

* PUBLISHED IN: *
* PHYS. REV. LETTERS 25 (1970) 1377-1380. *
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HAMBURG DESY - DESY 70/40 (70,REC.SEP) 10 P.

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OBSERVATION OF COHERENT INTERFERENCE PATTERN BETWEEN RHO AND OMEGA
DECAYS.

ALVENSLEBEN H ET AL.

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* PUBLISHED IN: *
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* PHYS. REV. LETTERS 25 (1970) 1373-1377. *
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HAMBURG DESY - DESY 70/40 (70,REC.SEP) 10 P.
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OBSERVATION OF COHERENT INTERFERENCE PATTERN BETWEEN RHO, OMEGA DECAYS.

ALVENSLEBEN H ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B25 (1971) 333-341. *

HAMBURG DESY - DESY 70/42 (70,REC.SEP) 8 P.

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ELECTROMAGNETIC PROTON FORM FACTORS AT SQUARED FOUR-MOMENTUM TRANSFERS
BETWEEN 1 AND 3 (GEV/C)-SQUARED.

BARTEL W ET AL.

* PUBLISHED IN: *
* PHYSICS LETTERS 33B (1970) 245-248. *
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HAMBURG DESY - DESY 70/43 (70,REC.SEP) 19 P.
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SMALL-DISTANCE BEHAVIOUR IN FIELD THEORY.

SYMANZIK K

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* 222-236. *

HAMBURG DESY - DESY 70/44 (70,REC.SEP) 18 P.
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ANNIHILATION OF ELECTRON-POSITRON PAIRS INTO MESONS.

KRAMER G ET AL.

* PUBLISHED IN: *
* PHYS. REV. D3 (1971) 719-723. *
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HAMBURG DESY - DESY 70/45 (70,REC.SEP) 18 P.
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ON INELASTIC DIFFRACTIVE RHO PHOTOPRODUCTION AND COMPTON SCATTERING.

WOLF G

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* PUBLISHED IN: *
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* NUCL. PHYS. B26 (1971) 317-329. *
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HAMBURG DESY - DESY 70/46 (70,REC.SEP) 12 P.

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MEASUREMENT OF PROTON COMPTON SCATTERING AT 6 GEV AND SMALL MOMENTUM TRANSFERS.

BUSCHHORN G ET AL.

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* PUBLISHED IN: *
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* PHYSICS LETTERS 33B (1970) 241-244. *
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HAMBURG DESY - DESY 70/53 (70,REC.OCT) 8 P.
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ON THE PHASE OF THE PHI NUCLEON FORWARD SCATTERING AMPLITUDE.

KRAMMER M

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* PUBLISHED IN: *
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* ACTA PHYS. AUSTRIACA 32 (1970) 395-400. *
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HAMBURG DESY - DESY 70/54 (70,REC.OCT) 7 P.
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SMALL MOMENTUM TRANSFER π^+ PRODUCTION WITH LINEARLY POLARIZED PHOTONS.

BURFEINDT H ET AL.

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* PUBLISHED IN: *
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* PHYSICS LETTERS 33B (1970) 509-510. *
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HAMBURG DESY - DESY 70/55 (70,REC.NOV) 24 P.
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A NEW VACUUM TRAJECTORY FOR PION-NUCLEON SCATTERING.

SUNDERMEYER K

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* PUBLISHED IN: *
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* NUCL. PHYS. B31 (1971) 369-380. *
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HAMBURG DESY - DESY 70/57 (70,REC.NOV) 20 P.
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ON THE CONSEQUENCES OF THE ASSUMPTION THAT THE S-MATRIX COMMUTES WITH
THE AXIAL CHARGE.

FABRICIUS K

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* PUBLISHED IN: *
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* NUCL. PHYS. B28 (1971) 629-642. *
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HAMBURG DESY - DESY 70/58 (70,REC.NOV) 7 P.

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EMPIRICAL TEST OF TENSOR MESON DOMINANCE.

RENNER B

* PUBLISHED IN: *
* PHYSICS LETTERS 33B (1970) 599-600. *
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HAMBURG DESY - DESY 70/60 (70,REC.NOV) 13 P.
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PARTICLE TRACK STORAGE IN STREAMER CHAMBERS.

ECKARDT V

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* PUBLISHED IN: *
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* LETTERE NUOVO CIMENTO 1 (1971) 997-1000. *
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HAMBURG DESY - DESY 70/61 (70,REC.REC) 10 P.

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PHOTOPRODUCTION OF PION PAIRS WITH HIGH INVARIANT MASS.

ALVENSLEBEN H ET AL.

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* PUBLISHED IN: *
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* PHYS. REV. LETTERS 26 (1971) 273-276. *
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HAMBURG DESY - DESY 70/64 (70,REC.DEC) 66 P.
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PHOTOPRODUCTION OF VECTOR MESONS.

WOLF G

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* PUBLISHED IN: *
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* BERLIN 1971, 77-113. *
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HAMBURG DESY - DESY 70/65 (70,REC.JAN 71) 12 P.

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ELECTROPRODUCTION OF DELTA(1236) IN THE P10 CHANNEL AT A FOUR MOMENTUM
TRANSFER OF 25 1/F-SQUARED.

ALBRECHT W ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B27 (1971) 615-620. *
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