

DESY 69/1
January 1969

DESY-Bibliothek
20. JAN. 1969 ✓

**Contribution of L Shell to the Total Photon Absorption
Cross Section in ALuminum**

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HAMBURG DESY - DESY 69/2 (69,REC.JAN) 20 P.

SOME REMARKS ON CURRENT-FIELD COMMUTATORS.

GENZ H, KATZ J

* PUBLISHED IN: *
* NUOVO CIMENTO 64A (1969) 291-304. *

DESY 69/3
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DESY-Bibliothek
27. JAN. 1969 ✓

Experimental Comparison of Photoabsorption
of Solid and Gaseous Xenon Near the $N_{IV,V}$ -Edge

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HAMBURG DESY - DESY 69/4 (69,REC.FEB) 10 P.

ON CURRENT-FIELD COMMUTATORS AND THE BARYON SPECTRUM.

GENZ H ET AL.

* PUBLISHED IN: *
* NUOVO CIMENTO 64A (1969) 218-224. *

HAMBURG DESY - DESY 69/5 (69,REC.FEB) 10 P.

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PI-PLUS PRODUCTION WITH LINEARLY POLARIZED PHOTONS.

GEWENIGER C ET AL.

* PUBLISHED IN: *
* PHYSICS LETTERS 29B (1969) 41-44. *
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14. MAI 1969

Optical Absorption Measurements of the
Transition Metals Ti, V, Cr, Mn, Fe, Co, Ni
in the Region of 3p Electron Transitions

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HAMBURG DESY - DESY 69/7 (69,REC.MAY) 16 P.
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INELASTIC ELECTRON-PROTON SCATTERING AT FIXED FOUR-MOMENTUM TRANSFER OF
0.773 AND 1.935 (GEV/C)-SQUARED.

ALBRECHT W ET AL.

* PUBLISHED IN: *
* NUCL. PHYS. B13 (1969) 1-8. *
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HAMBURG DESY - DESY 69/8 (69,REC.MAR) 12 P.

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ACCURATE CALCULATION OF RADIATION LENGTHS.

KNASEL T M

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* PUBLISHED IN:
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* NUCL. INSTR. METHODS 83 (1970) 217-220.
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DESY 69/9

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Tophilus, S.

Fields, Observables and
Gauge Transformations I.

S. Commun. Math. - Phys. 13, 1-23 (1969)

and Marseille Univ - 69/P. 277

HAMBURG DESY - DESY 69/10 (69,REC.MAR) 28 P.
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VECTOR MESON DOMINANCE AND PHOTOPRODUCTION.

SCHILDKNECHT D

* PUBLISHED IN: *
* Z. PHYSIK 229 (1969) 278-298. *
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HAMBURG DESY - DESY 69/11 (69,REC.MAR) 21 P.
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EQUAL-TIME COMMUTATORS AND THE ENERGY-MOMENTUM TENSOR.

GENZ H, KATZ J

* PUBLISHED IN: *
* NUCL. PHYS. B13 (1969) 401-414. *
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DESY 69/12
March 1969

DESY-Bibliothek
18. APR. 1969 ✓

Secondary Electron Emission of Metal Foils in the
Energy Range of 1.5-7 GeV

by

E. Raquet

HAMBURG DESY - DESY 69/13 (69,REC.APR) 165 P.

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EFFECTIVE LAGRANGIANS AND FIELD ALGEBRAS WITH CHIRAL SYMMETRY.

GASIOROWICZ S, GEFFEN D A

* PUBLISHED IN: *
* REV. MOD. PHYS. 41 (1969) 531-573. *
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HAMBURG DESY - DESY 69/14 (69,REC.APR) 77 P.
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COHERENT BREMSSTRAHLUNG OF ELECTRONS IN CRYSTALS.

TIMM U

* PUBLISHED IN: *
* FORTSCHR. PHYSIK 17 (1969) 765-808. *

HAMBURG DESY - DESY 69/15 (69,REC.MAY) 7 P.

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AN UPPER LIMIT FOR THE BRANCHING RATIO $\sigma(\text{PHI} \rightarrow \text{PI-NEUTRAL} + \text{GAMMA})/\sigma(\text{PHI} \rightarrow \text{ALL})$.

BEMPORAD C ET AL.

* PUBLISHED IN: *
* PHYSICS LETTERS 29B (1969) 383-386. *

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22. MAI 1969 ✓

DESY 69/16
April 1969

Multiparticle Exchanges, $SU(3)$ Symmetry Breaking,
and the $3/2^+$ Resonance Spectrum

by

J. Katz and S. Wagner

II. Institut für theoretische Physik der Universität Hamburg

DESY 69/117

Meyer, R.F.

Remark on the Form Factors
in the Fermi Quark Model

S. Lettere Nuovo Cimento 2, 76-8 (1964)

HAMBURG DESY - DESY 69/18 (69,REC. JUN) 33 P.
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VECTOR-MESON DOMINANCE AND DEFFRACTIVE ELECTROPRODUCTION OF VECTOR
MESONS.

FRAAS H, SCHILDKNECHT D

* PUBLISHED IN: *
* NUCL. PHYS. B14 (1969) 543-565. *

HAMBURG DESY - DESY 69/20 (69,REC. JUN) 9 P.
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NEW FINITE-ENERGY SUM RULES BASED ON THE MULTIPLE-SCATTERING MODEL FOR
REGGE CUTS.

SCHREMPP F

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* PHYSICS LETTERS 29B (1969) 598-601. *
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DESY 69/21
July 1969

Electromagnetic Interactions

Review talk given at the Lund International
Conference on Elementary Particles, 1969

by

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6. AUG. 1969

DESY 69/22
July 1969

Electroproduction of N^* (1236) in a Ladder
Approximation Model

by

Fritz Gutbrod

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1. SEP. 1969

Optical Absorption of Solid Krypton and Xenon
in the Far Ultraviolet

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