

Modern Drilling and Petroleum Extraction Equipment
Manufactured in Romania, by I. Niculescu and V.
Anastasiu, 13pp
ROMANIA, par, Petrol Si Gaz, Bucharest, Vol XV,
No 4, Aug 1964, pp 405-412
JPRS 17279

Doc-Drum

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Jan 65

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The Economic Results of Technical Progress in the
Rumanian Petroleum Industry, by V. Covrig,
T. Hanciulescu, 18 pp.
RUMANIAN, per, Petrol si Gaze, No 8, Aug 1964,
pp 427-433.
JPRS 27,366

EE-Rumania
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Jan 65

271,679

Development of the Brazi Refinery, 1944-1964,
by B. Olteanu, 6 pp.

ROMANIAN, per, Petrol si Gaze, No 8, Aug 64,
pp 438-441.

JPRS 27151

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Jan 65

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Aspects and Achievements of the Teleajen Refinery
Since 23 Aug 1964, by V. Juncu, I. Dumitru, 5 pp.
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Development of the Ploiesti Refinery, 1944-1964,
by M. Ionescu, 9 pp.

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JPRS 27151

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Results of Research in the Petroleum and Gas
Extractive Industries of Rumania, by Gh. Aldea,
6 pp.
RUMANIAN, per, Petrol si Gaze, Vol XV, No 8, 1964,
pp 423-426.
JPRS 27015

EE-Rumania
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268,837

The Training of Engineers for the Rumanian
Petroleum Industry, by Gr. Ioachim, 8 pp.
RUMANIAN, per, Petrol si Gaze, No 8, 1964,
pp 434-437.
JPRS 26873

EE-Rumania
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Rakuzin, M. A.

A NEW STAGE IN THE HISTORY OF THE DEVELOPMENT OF THE CHOLESTERIN QUESTION IN PETROLEUM CHEMISTRY. [1962] 9p. 28 refs.

Order from SLA \$1.10

63-10698

Trans. of Petr[oleum] Z[eitschrift] (Austria) 1928,
v. 24, 20 July, p. 898-902.

DESCRIPTORS: *Cholesterol, *Petroleum, Chemistry.

(Chemistry--Organic, TT, v. 10, no. 1)

63-10698

1. Rakuzin, M. A.

Office of Technical Services

Bender, K.

RESULTS OF A CARBUROL CRACKING PLANT IN
FRANCE [Ergebnisse einer Karburol-Krackanlage in
Frankreich]. 17 Jan 35, 9p. (Ilg. omitted).
Order from SLA \$1.10

63-10480

Trans. of Petroleum Zeitschrift (Austria) 1931, v. 27
[no. 4] p. 33-36.

DESCRIPTORS: *Refineries, Operation, Oils, Gases,
Kerosene, Gasoline, Decomposition, Hydrocarbons.

(Engineering--Chemical, TT, v. 10, no. 5)

63-10480

I. Bender, K.

Office of Technical Services

Experimental Investigation of Boundary Conditions
of Fluid Friction in Journal Bearings Under
Oscillating Load, by Piet Hein.

GERMAN, per, Petroleum,²⁾ No 19, 11 May 1932,
pp 1-14.

NAVY Tr 1322/BuShips Tr 604

34, 911

Sci - Engineering

May 1956

Braun, J. v. RECENT RESEARCHES INTO THE CONSTITUENTS OF PETROLEUM. [1961] 19p. Order from SLA mi\$2.40, ph\$3.30 61-10843 Trans. of <u>Petroleum Zeitschrift</u> (Austria) 1932, v. 28, no. 50, p. 1-6. (Unannounced)	61-10843 1. Petroleum--Chemical analysis 1. Braun, J. v. 148679 Office of Technical Services
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A New Geophysical Prospecting Method, Especially
for Hydrocarbon Deposits, by G. Leubmeyer, 10 pp.

GERMAN, per, Petroleum Z, Vol XXIX, No 18, 1933,
pp 1-4. *21A 9036526*

SIA 58-2161

Sci - Geophysics
Jan 59

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Graphitization, 3 pp.

GERMAN, par, Petroleum 2, Vol XXIX, Suppl 5,
p 5, 1933.

SLA 59-10010

Sci - Fuels
Sep 59
Vol 2, No 1

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Seimtz, Ernst W. THE PRESENT STATUS OF COLLOIDAL GRAPHITE LUBRICATION. [1961] 17p. 8 refs. Order from SLA m\$2.40, ph\$3.30 61-10844 Trans. of Petroleum Zeitschrift (Austria) 1933, v. 29, no. 48, p. 1-8. (Unannounced)	61-10844 1. Lubricants - Materials 2. Graphite - Physical Properties 1. Seimtz, E. W. CONFIDENTIAL Office of Technical Services
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A New Apparatus for Seismic Investigation of the
Ground According to the Piezo-Crystal System, by
H. Ambrose, 12 pp.

GEOPHYSICS, per, Petroleum Z, Vol XXXI, No 5, 1956,
pp 4-8.

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SLA 58-2119

Sci - Geophysics
Jan 59

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Damage Caused by Potato Haulm Killing Preparations
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GERMAN, per, Der. Pflanzenschutz, pp 17-18.
GB 35/HO 2187

Sci -
Aug 67

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Polymers (known as Hundo, Gold Model, by H. Picard.

GERMAN, par, Filamentation Dug & Dodank, Vol
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CCIRG-3175

Sci

Eng 59

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Investigation of the Molecular Weight Distribution of Humic Substances by Filtration on Sephadex, by N. C. Mehta, et al.

GERMAN, per, Pflanzenernahr. Dueng. Bodenkde,
Vol 102, 1963, pp 128-137.

*AEC ORNL-tr-1617

Sci/Physics

Feb 67

The Influence of Other Ions on the Fungicidal Efficacy
of the Copper Ion, by Dieter Fettingner, 15 pp.

GERMAN, per, Pflanzenschutzberichte, Vol 4, No 3/4,
1950, pp 33-46.

S.L.A. Tr 134/1956

Sci - Geophysics
Feb 57 CIB/dax

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Histological Investigations of the Perfora-
tion Produced by Aspidiotus Perniciosus
Comst. by K. Enser.

GERMAN, ver. X Pflanzenschutzberichte,
Vol. V, No 1/2, 1950, pp 204-226.

CSIRO

Sci - Phys
Dec 61

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Investigations into the Mode of Action of
Insecticides, by E. Florey. UNCL

GERMAN, per, Pflanzenschutzberichte, Vol VI,
1951, pp 134-152.

DSIR 34778/CT

Sci - Biol, zoology
Mar 59

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Adhesion Power of Powdered Materials, by F.
Conrad..
GERMAN, per, Pflanzenschutz Ber, Vol 7, No 11,
1951, pp 5-190 - 195
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Sci -
Jul 67 334,962

Neuro Hormones and Pharmacology of Arthropodes,
by E. Florey. UNEL

GERMAN, per, Pflanzenschutzberichte, Vol III, No
5, 8, 1957, pp 81-141.

DSIR 34777/CT

Sci - Biol, zoology
Mar 59

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The Copulation Process of Predatory Mites
of the Genus Typhlodromus (Acar., Phytoseiidae),
by G. Dosse.

GERMAN, per, Pflanzenenschutzberichte,
Vol XXII, No 8/9, 1959, pp 125-133.

CSIRO 4939

Sci - Biol
Jul 62

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Toxicological Detection and Determination of
Thiophosphoric Esters, R. Fischer, W. Klingelholier.

GERMAN, per, Pflanzenschutzberichte, Vol XXVII,
No 11/12, 1962, pp 165-176.

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GE/39.HO 1566

Sci-~~1-1001~~
Feb 63

223,519

Manual for Hovering Aircraft Regulator DTD
11 A and Damping Regulator DTD 12A
for the E/R Aircraft Type 341/342.
GERMAN, rpt, Pflichtenheft für
Schwebeflugregler DTD 11A und
Dämpfungsregler DTD 12A für die
E/R Flugzeuge Typ 341/342. 41 p.
NASA TT F-10,262

Sci-Aeronautics
Jan 667

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Pavlov, I. P.
TOWARD A THEORY OF THE INNERVATION OF
THE BLOOD VESSELS. [1962] 5p. 1 ref.
Order from SLA \$1.10 62-20184

Trans. of Pfüger's Archiv für die Gesamte
Physiologie des Menschen und der Tiere (Germany)
1879, v. 20 [no. 4/5] p. 210-214.

DESCRIPTORS: Theory, *Nerves, *Blood vessels,
Autonomic nervous system, Vagus nerve, *Blood
pressure.

(Biological Sciences--Physiology, TT, v. 9, no. 11)

62-20184

I. Pavlov, I. P.

Office of Technical Services

Influence of the Sensory Nerves on the
Motor Functions of Animals, by
Adolf Bickel.

GERMAN, per, Pflueger Arch fur die Ges
Physiol, No 67, 1897, pp 299-344.

NIH 7-13-65

Sci/BGM

Aug 65

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Studies on Physiological Similarity. VI. Analogies
of Growth, by August Putter, 55 pp.

GERMAN, rpt, Pflugers Archiv der Gesamten Physiologie,
1920, pp 293-340.

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Sci

Feb 64

Contributions to General Muscle and Nerve
Physiology. Report No. II. The Indispensability
of Sodium (or Lithium) Ions for the Act of
Contraction of the Muscle, by E. Overton
GERMAN, per, Pflueger's Archiv fuer die Gesamte
Physiologie des Menschen und der Tiere, Vol 92,
1902, pp 346-386
NTC 71-16737-06P

Feb 72

Investigations of the Thermodynamics of
Bioelectric Currents. Part I., by J. Bernstein
EUROPEAN, per, Pflueger's Archiv fuer die Gesante
Physiologie des Menschen und der Tiere, Vol 92,
1902, pp 521-562
HTC 71-16440-06P

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61-14675

Gellhorn, Ernest.
CONTRIBUTIONS TO THE PHYSIOLOGY OF OPTICAL
SPACE PERCEPTION. II. ON THE RELATIONSHIPS
BETWEEN PHYSIOLOGICAL AND MATHEMATICAL
PERSPECTIVE (Beiträge zur Physiologie des Optischen
Raumsinnes. II. Mitteilung. Über die Beziehung
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Order from SLA \$3.60

61-14675

Trans. of Pflüg[er's] Archiv [für die] Ges[amte]
Physiol[ogie] des Menschen und der Tiere (Germany)
1925, v. 208, p. 361-378.

DESCRIPTORS: Space perception. Physiology. Eye.

(Unannounced)

I. Gellhorn, E.
II. Title: Relationships ...

Office of Technical Services

61-14613

Groebbels, Franz.

THE EFFECT OF THE OPERATIVE REMOVAL OF
THE SEMICIRCULAR CANALS AND AMPULLAS ON
THE REFLEX OF POSITION AND MOVEMENT OF
THE DOMESTIC PIGEON (Die Lage- und
Bewegungsreflexe der Vögel. III. Mitteilung. Die
Effekt der Operativen Entfernung der Bogengänge und
Ampullen auf die Lage- und Bewegungsreflexe der
Haustaube). Contribution 3 on the Reflex of Position
and Movement of Birds. [1961] [43]p. 17 refs.
Order from SLA \$4.60 61-14613

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiol[ogie] des Menschen und der Tiere [Germany]
1926, v. 214, p. 721-742.

DESCRIPTORS: Ear, Physiology, Stability, Body,
Positioning reactions, Reaction kinetics, Motion,
Rotation, Pigeons
(Unannounced)

I. Groebbels, F.
II. Title: Reflex...

Office of Technical Services

R-4493-D

On the Daily Periodic Fluctuations of Some Life
Processes in Human Beings, by Hans Volker.

GERMAN, per, Pflugers Archiv fuer die Gesamte
Physiologie, No 215, ~~IX~~ 1872, pp 43-77.

*JPRS/FAA

Oct 64

Aubert, Hermann.
THE PERCEPTION OF MOVEMENT (Die Bewegungs-
empfindung). [1961] [32]p. 15 refs.
Order from SLA \$3.60

61-14800

Trans. of Pfüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiol[ogie des Menschen und der Tiere] (Germany)
1886, v. 39, p. 347-370.

DESCRIPTORS: Visual perception, Motion, Eye.

(Unannounced)

61-14800

I. Aubert, H.

Office of Technical Services

Does the Magnetic Field Have Direct Physiological
Effects?, by L. Hermann, 24 pp. UNCLASSIFIED

GERMAN, per, Pflug Arch Ges Physiol, Vol XLIII,
1888, pp 217-234. *U.S. 63/411*

ATTC F-TS-9579/III

Sci - Med
Sep 58

73,596

61-16063

Loeb, J.
INVESTIGATIONS CONCERNING THE ORIENTATION
IN THE TACTILE SPACE IN THE HAND IN VISUAL
SPACE (Untersuchungen über die Orientierung im
Fühlraum der Hand und im Blickraum), [1961] [57]p.
10 refs.

Order from SLA \$5.60

61-16063

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiol[ogie des Menschen und der Tiere] (Germany)
1890, v. 46, p. 1-46.

DESCRIPTORS: Space perception, Tactual perception,
Visual perception, Hands.

(Unannounced)

1. Loeb, J.

Office of Technical Services

61-14683

Breuer, J.
CONCERNING THE FUNCTION OF THE APPARATUS
OF THE OTOLITHS (Über die Function der Otolithen
Apparate). [1961] [142]p. 29 refs.
Order from SLA \$11.00 61-14683

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiol[ogie] des Menschen und der Tiere [Germany]
1891, v. 48, p. 195-306.

DESCRIPTORS: Ear, Physiology, Hearing, Body,
Stability, Auditory acuity.

(Unannounced)

Office of Technical Services

A Dynamometer Applicable for Physiological Investigations, by A. Pick. UNCLASSIFIED

GERMAN, per, E. Pfluger Archives of Physiology,
Vol L, No 1, 1891, pp 189-191.

ATIC F-TS-8335

Scientific - Medicine

Jul 54 CTS

16,032

Kreidl, Alois.
CONTRIBUTIONS TO THE PHYSIOLOGY OF THE
LABYRINTH OF THE EAR ON THE STRENGTH OF
EXPERIMENTS ON DEAF-MUTES (Beiträge zur
Physiologie des Ohrlabirynths auf Grund von
Versuchen an Taubstummen). [1961] [38]p. 23 refs.
Order from SLA \$3.60 61-14720

Trans. of Pflüger's Arch[iv] [für] d[ie] Ges[amte]
Physiologie des Menschen und der Tiere [Germany]
1892, v. 51, p. 119-150

DESCRIPTORS: Ear, Physiology, Hearing, Deafness,
Speech.

(Unannounced)

61-14720

I. Kreidl, A.

Office of Technical Services

The Influence of Heat on the Length and Stretch-
ability of the Elastic Tissue and of the ~~ESK~~
Cross-Striated Muscle, by Emil Gottschlich,
85 pp.

GERMAN, per, Pflügers Arch, Vol LIV, 1893,
pp 109-164.

NIE 5-31

Sci - Med

Jun 59

88, 220

Breuer, J. and Kreidl, Alois.
CONCERNING THE APPARENT ROTATION OF THE
FIELD OF VISION DURING THE INFLUENCE OF A
CENTRIFUGAL FORCE (Über die Scheinbare Drehung
des Gesichtsfeldes Während der Einwirkung Einer
Centrifugalkraft). [1961] [21 p. 12 refs.
Order from SLA \$2.60

61-14718

Trans. of Pflüger's Archiv für die Gesamte Physiologie
des Menschen und der Tiere] (Germany) 1898, v. 70,
p. 494-507 and 507-510.

DESCRIPTORS: Vision, Eye, Rotation, Centrifugal
fields, Ear.

(Unannounced)

61-14718

I. Breuer, J.
II. Kreidl, A.

Office of Technical Services

Tschermak, A.
CONTRIBUTIONS TO THE THEORY OF THE
LONGITUDINAL HOROPTER ON DEPTH LOCALIZA-
TION WITH CONTINUED AND INSTANTANEOUS
STIMULATION FROM OBSERVATIONS MADE BY
DR. KIRIBUCHI, TOKIO (Beitrag zur vom Längs-
horopter Über die Tiefenlokalisation bei Dauer- und
bei Momentreizen nach Beobachtungen von
Dr. Kiribuchi, Tokio). [1961] [36]p. 1 ref.
Order from SLA \$3.60 61-14626

Trans. of Pflüger's Arch[iv für die Gesamte
Physiologie des Menschen und der Tiere] (Germany)
1900, v. 81, p. 328-348.

DESCRIPTORS: Eye, Vision, Space perception,
Retina, Optic nerve, Stereoscopic vision, Physiology.

(Unannounced)

61-14626

I. Tschermak, A.
II. Kiribuchi

Office of Technical Services

R-4498-D

Fluctuations in Body Temperature With Particular
Regard to the Effect Which the Inversion in the
Daily Routine has for Human Beings, by Francis
Gano Benedict, John Ferguson Snell.
GERMAN, per, Pflugers Archiv fuer die Ges. Physiologie,
Vol XC, 1902, pp 33-72.

*JPRS/FAA

Oct 64

Tschermak, A. and Hofer, P.
BINOCULAR DEPTH APPERCEPTION DUE TO
DOUBLE IMAGES Über Binoculare Tiefenwahrnehm-
ung auf Grund von Doppelbildern. [1961] [42]p.
27 refs.
Order from SLA \$4.60

61-14781

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiol[ogie] des Menschen und der Tiere (Germany)
1903, v. 93, p. 299-321.

DESCRIPTORS: Visual perception, Visual after-
images, Space perception.

(Unannounced)

61-14781

I. Tschermak, A.
II. Hofer, P.

Office of Technical Services

The Structure of the Transversely Striated Muscle Fibers
of *Hydrophilus* in the resting and Active States, by
K. Hurlbale, 249 pp

GERMAN, per, Pflügers Arch f. Physiol, Vol CXXVI, 1909
pp 2-164.

NIH

Scientific - Biology

Mar 54, CTS/SES DEX

11,154

Hofmann, F. B. and Breischowsky, A.
ON THE SLITTING OF THE APPARENT HORIZON-
TAL AND VERTICAL IN THE OBSERVATION OF A
FIELD OF VIEW FILLED WITH OBLIQUE CON-
TOURS. (Über die Einstellung der Scheinbaren Horizon-
talen und Vertikalen bei Betrachtung eines von Schrägen
Konturen erfüllten Gesichtsfeldes). [1901] [34]p.
2 tabs.
Dissertation M.A.S. 69

61-14670

F. Hofmann, F. B.
H. Breischowsky, A.

Trans. of Pflüger's [Archiv] für die [Gesamte]
Physiologie des Menschen und der Tiere [Germany]
1901, v. 126, p. 43-47.

DESCRIPTORS: Vision; Vertical perception; Eye;
Rotation; Posturing reactions; Optical images;
Visual after images.

Glanneomech

Office of Technical Services

A Secretionlike Component of the Layer of Rods and Cones
of the Vertebrate Retina, by W. Kolmer, 20 pp.

GERMAN, per, Pflugers Arch, Vol CXXIX, 1909, pp 35-45.

NIH Tr 5-26

Sci - Med
May 58

64,292

Studies on the Non-Irritant Temporary
Blocking of Central Nervous System, by
Wilhelm Trendelenburg, 6 pp.

GERMAN, per, Pflügers Arch. Ges. Phys.,
Vol CXXXIII, 1910, pp 305-312.

NIH 4-6-62

199.805

Sci - Med
Jun 62

Studies on non-Irritant Temporary Blocking
of the Central Nervous System, by Wilhelm
Trendelenburg, 19 pp.

GERMAN, per, Pflugers Archiv Ges. Physiol.
Vol CXXXVII, 1911, pp 515-544.

NIH 4-9-62

Sci - Med

199,806

Jun 62

Beitrag zur Kenntnis der Abhängigkeit des Tonus
der Extremitätenmuskeln von der Kopfstellung,
by J. Rothfield, 9 pp.

~~XXX~~ GERMAN, per, Pflug Arch f. d ges Physiol,
Vol CXLVIII, 1912, pp 564-572.

*JPRS R-2940

7 Dec 62

Über die Wirkung Einiger Körper aus der Gruppe
des Chloroforms auf die Vestibularen, by
J. Rothfield, 12 pp.

GERMAN, per, K Pflugers Arch für das ges Physiol,
Vol ~~XXXIX~~, 1913, pp 435-446.

CXLY

*JPRS R-2940

7 Dec 62

The Regeneration Phenomena in the Healing of
Motor and Receptor Nerve Fibers, by Dr. J.
Boeke, 14 pp.

GERMAN, per, Pfluger's Archiv, fuer die
gesamte Physiologie, Vol CLI, 1913,
p 57- 64.

NIH Tr 923 30,333

Sci - Medicine

Data on the Physiology of the Pylorus, by W. Savitch
G. Zelig, 11 pp.

GERMAN, per, ~~Pfluger's Archiv fuer die Gesante~~
Physiologie, Vol CL, 1913, pp 128-138.

NIH 1-16

Sci - Med

Jan 58

57,790

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57-3487

Biochemical Effects of Light, by F. Schanz, 61 pp.
Pflügers Arch ges Physiol, Vol CLXX, 1918,
~~GERMAN, per, 2. Ges. Exp. Med., Vol 52, 1937,~~
~~pp 646-676.~~ pp 646-676.

S.L.A. Tr No 57-128

Sci - Biochemistry
Apr 57

46,887

Kollner, H.
LAWS OF LOCALIZATION, THE LAWFUL BE-
HAVIOR OF DIRECTION OF LOCALIZATION IN
PERIPHERAL VISION, TOGETHER WITH OBSERVA-
TIONS CONCERNING THE CLINICAL SIGNIFICANCE
OF TESTING THEM. [1961][37]p. (14 figs. omitted)
8 refs.

Available on loan from SLA

61-14737

Trans. partially in manuscript of Plüger's Arch[iv]...
[für die] Gesamte Physiologie des Menschen und der
Tiere (Germany) 1920, v. 184, p. 134-155.

DESCRIPTORS. *Eye, Physiology, *Vision, *Optical
images, Determination, *Ophthalmology, Light,
*Visual perception, Measurement, *Optics.

(Unannounced)

61-14737

I. Kollner, H.
II. Title: Lawful...

16175.

Office of Technical Services

The Dynamic Curve of Human Muscles Upon
Voluntary Innervation and the Question of the
Absolute Muscular Strength, by Franz Franke,
23 pp. (ID 2113756)

GERMAN, per, Pflügers Archiv für die Gesamte
Physiol, Vol CLXXXIV, 1980, pp 33 300-303.

ACSI, E-2606

Sci - Med

94, 8/3

Aug 59

Maier, Marcus and Hans, Lion.
EXPERIMENTAL PROOF OF THE MOVEMENT OF
THE ENDOLYMPH IN THE APPARATUS OF THE
SEMICIRCULAR CANAL IN ADEQUATE AND
CALORIC STIMULATION: PHYSIOLOGIC EXPLANA-
TION OF THE RELEASE OF NYSTAGMUS
THROUGH THE MOVEMENT OF THE ENDOLYMPH
(Experimenteller Nachweis der Endolymphbewegung
im Bogenkanalapparat des Ohrlabyrinthes bei
Adäquater und Kalorischer Reizung. Physiologische
Erklärung der Auslösung des Nystagmus durch
Endolymphbewegung). [1961] [46]p. 36 refs
Order from SLA \$4.60

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiologie [des Menschen und der Tiere] (Germany)
1921, v. 187, p. 47-74.

DESCRIPTORS: Ear, Physiology, Motion, Lymph,
Stimulation, Heat, Nystagmus.
(Unannounced)

61-14595

I. Maier, M.
II. Hans, L.
III. Title: Physiologic

Office of Technical Services

Tschermak, Armin
REGARDING AN APPRATUS (ADJUSTMENT BLOCK)
FOR THE SUBJECTIVE DETERMINATION OF THE
PUPILLARY DISTANCE AND THE POSITION OF THE
LINES OF VISION (Über einen Apparat (Justierblock)
zur Subjektiven Bestimmung der Pupillardistanz und
zur Festsetzung der Stellung der Gesichtslinien). [1961
[9]p. 1 ref
Available on loan from SLA

61-10962

Trans. in manuscript of Pflüger's Archiv [ur die
Gesamte Physiologie des Menschen und der Tiere]
(Germany) 1921, v. 188, p. 21-24.

DESCRIPTORS: *Vision. Test equipment. *Adjustment
(Psychology). Determination.

(Unannounced)

61-10962

1. Title: Pupillary distance
1. Tschermak, A.

161040

Office of Technical Services

Fleisch, Alfred.
THE LABYRINTH AS AN ACCELERO-SENSITIVE
ORGAN. (Das Labyrinth als Beschleunigungsempfindes
Organ). [1964] [29]p. 13 refs.
Order from SLA \$2.60

61-14724

Trans. of Pflüger's Archiv [iv] f[ür] d[ie] Ges[amte]
Physiologie des Menschen und der Tiere [Germany]
1922, v. 193, p. 499-515.

DESCRIPTORS: Ear, Stability, Body, Physiology,
Auditory perception, Eye, Visual perception.

(Unannounced)

61-14724

L. Fleisch, A.

Office of Technical Services

A Contribution to the Physiology of
Rotational Nystagmus, by T. Masuda.
GERMAN, per, Pflugers Archiv fuer die
Ges. Physiol. des Mensch und der Tiera.
Vol 197, 1922, pp. 1-65.
NLL Ref: 5207 (1308)

Sci-B&M
July 69

387,492

Investigations Regarding the Effects of
Ultraviolet Radiation Upon Protein Solutions,
by R. Mond, 29 pp. (Communication I.

GERMAN, per, Pflügers Arch Ges Physiol, Vol
CXCVI, 1922, pp 540-559,

S.L.A. Tr 57-413

Sci - Chemistry
Jun 57

48, 828

Investigations Regarding the Effects of
Ultraviolet Radiation Upon Protein Solutions,
II. Communication, by R. Mond, 8 pp.

GERMAN, per, Pflügers Arch Ges Physiol,
Vol CC, 1923, p 374.

S.L.A. Tr 57-414

Sci - Chemistry
Jun 57

48,830

Contributions to the Pharmacology of Posture and the Labyrinth Reflexes (Part VI) -- A Method for Localizing the Points of Application of Various Drugs in Vestibular Nystagmus, With Special Regard to the Effect of Nicotine, by A. de Kleyn, C. Versteegh, 14 pp.

GERMAN, per, Pflugers Archiv fuer die Gesamte Physiologie der Menschen und der Tiere, Vol CXCVI, 1922, pp 331-344.

Sci - Med
28 Nov 60

5-115513

DRB Canada

T 91 G

134,003

J-5305

(DC-3034).

On Individual Substances and Individual Biochemical Specificity, by L. Loehner, 13 pp.

GERMAN, per, Pfluegers Archiv fuer die Gesamte Physiologie des Menschen und der Tiere, No 198, 1923, pp 490-503.

JPRS-L-1893-D

Sci - Biol

Oct 59

98,811

J-5305

(DC-3034).

On Characteristic Odors of a Human Individual and
of Areas of the Human Body, by L. Loehner, 24 pp.

GERMAN, per, Pfluegers Archiv fuer die Gesamte
Physiologie des Menschen und der Tiere, No 202,
1924, pp 25-45.

JPRS-L-1893-D

Sci - Biol
Oct 59

98,810

Tschermak, Armin.

EXPERIMENTAL CONTRIBUTIONS TO THE CONCEPT OF SYNKENESIA OF THE RETINAE DUE TO THE BINOCULAR NONIUS METHOD (Experimentelle Beiträge zum Begriff der Zehrchtungsgerneinschaft der Netzhäute auf Grund der Binokularen Noniusemethode. Fortgesetzte Studien über Binokularsehen). Communication 3 of Studies on Binocular Vision. [1961] [32]p. Available on loan from SLA 61-10961

Trans. in manuscript of Pfliiger's Archiv für die Gesamte Physiologie des Menschen und der Tiere (Germany) 1924. v. 204. p. 234-246.

DESCRIPTORS: *Optical instruments, *Retina, Physiology.

(Unannounced)

61-10961

1. Title: Nonius method
2. Title: Synkenesia
3. Title: Horokters
- I. Tschermak, A
- II. Title: Studies...

161645

Office of Technical Services

J-5305

(DC-3034).

Research on the Olfactory-Physiological Capabilities
of Police Dogs, by L. Loehner, 10 pp.

GERMAN, per. Flugers Archiv fuer die Gesamte
Physiologie des Menschen und der Tiere, No 212,
1926, pp 84-94.

JPRS-L-1893-D

Sci - Biol
Oct 59

98,812

Studies in the Physiology of Work - Part III, by E.
Atzler, R. Herbst, 61 pp.

GERMAN, per, Pflügers Arch ges. Physiol., Vol CCXV,
1927, pp 291-328.

SLA Tr 57-637

Sci - Medicine
Jul 57

50,534

Groebels, Franz.
THE EFFECT OF THE GALVANIC STIMULATION
OF THE SEMICIRCULAR CANALS AND AMPULLA
EAS ON THE REFLEXES OF POSITION AND MOVE-
MENT OF THE DOMESTIC PIGEON: TOGETHER
WITH A CONTRIBUTION TO THE THEORY OF THE
CURRENT FLOW (Die Lage- und Bewegungs-
reflexe des Vögel. IV. Mitteilung. Der Effekt der Gal-
vanischen Stromung der Lage- und Bewegungs-
reflexe der Hausstaube. Zugleich ein Beitrag zur
Stromungstheorie). Communication From the Reflex of Position and Movement of Birds.
[1901] [12]p. 19-154.

Order from SFA \$5.80

61-14615

Trans. of Philo. Arch. [U] [H] [A] [G] [S] [M] [T]
Physiologie des Menschen und der Tiere (Germany)
1927 [12]p. 507-524.

DESCRIPTORS: Birds; Pigeons; Conditioned Reflex;
(Unconditioned)

61-14615

I. Groebels, G.
II. Title: Reflexes...

Office of Technical Services

Beitrage zur Physiologie Des Menschlichen
Vestibularapparates, by M. S. Fischer, 32 pp.

GERMAN, per, Pflug Arch f. d. Ges Physiol, Vol CCXVII,
1927, pp 357-388.

*JPRS R-2940

7 Dec 62

Steinhausen, Wilhelm.
ON RENDERING VISIBLE THE CUPULA TERMINALIS, AND ITS FUNCTIONAL TEST, IN THE
AMPULLAE OF THE SEMICIRCULAR CANAL OF
THE LABYRINTH (Über Sichtbarmachung und Funk-
tionsprüfung der Cupula Terminalis in den Bogengang-
ampullen des Labyrinthes). [1961] [14p. 18 refs.
Order Free S/L A \$1.60

61-14663

Trans. of Pflüger's Archiv für die Gesamte Physiologie
des Menschen und der Tiere (Germany) 1927, v. 217,
p. 747-755.

DESCRIPTORS: Ear, Physiology, Body, Stability,
Hearing.

(Unannounced)

61-14663

L. Steinhausen, W.

Office of Technical Services

Ebbecke, U.
ON POSITIVE AND NEGATIVE AFTER IMAGES,
THEIR RECIPROCAL RELATION AND THE IN-
FLUENCE OF LOCAL ADAPTATION; INFLUENCE
OF THE CHANGE OF EXPOSURE AND LOCAL
ADAPTATION ON THE VISIBILITY OF AFTER
IMAGES [AND] LOCAL ADAPTATION WITHIN THE
AFTER IMAGES (Über Positive und Negative Nach-
bilder, ihre Gegenseitige Beziehung und den Einfluss
der Lokalen Adaptation). [1961] 13p. 6 refs.
Available on loan from SLA 61-10958

Trans. in manuscript of Pflüger's Arch[iv] (für die)
Gesamte] Physiologie des Menschen und der Tiere]
(Germany) 1929, v. 221, p. 171-176 and 181-182.

DESCRIPTORS: *Optical images, Visibility, *Visual
after-images, Physiology, *Light, *Eye.

(Unannounced)

61-10958

I. Ebbecke, U.
II. Title: Influence...
III. Title: Local...

161640

Office of Technical Services

The Emotional Reaction of the Pupils, by S. Lieben.
GERMAN, per, Pflueger Arch Ges Physiol, No 225,
1930, pp 699-704.
HEW NIH
8-1-69

Sci/Behav
Sept 69

393,153

Agency: FAA

P.O. Number: 1AG-45574-U

R-12751-D

11 Feb. 71

Title: Untersuchungen zu den Grundlagen des Energie-
und Stoffwechsels.

Source: Pflügers Archiv. Vol. 228:100-124, 1931

Language: German

Special Instructions: Translate into English and
photo-up illustrations, etc.

Several Pharmacological Activities of Irradiated
Albumin Substances and Albumin Derivatives, by
P. Holtz, 61 pp.

GERMAN, per, ~~cut~~ Pfluger's Arch Ges Physiol,
Vol CCXXVI, 1930-1931, pp 559-577.

SIA Tr 57-482.

Sci - Med, pharmacology
Jul 57

49,982

The Effect of Irradiated Serum Upon the Sugar
Output of Isolated Mamalian Liver, by P. Holtz,
10 pp.

GERMAN, per, Pfluger's Arch ges Physiol, Vol ~~CCVI~~^{CCXXV},
1931, pp 578-584.

SIA Tr R 57-387

Sci - ~~Med~~ Medicine
Jul 57

49,953

Tschermak, A. and Schubert, G.
CONCERNING VERTICAL ORIENTATION IN THE
ROTATORIUM AND IN THE AIRPLANE (Über
Vertikalorientierung im Rotatorium und im Flugzeug).
[1961][38]p. 30 refs.

Order from SLA \$3.60

61-14671

Trans. of Pflüger's Arch[iv] f[ür] die Ges[amte]
Physiologie des Menschen und der Tiere [Germany]
1931, v. 228, p. 234-257

DESCRIPTORS: Positioning reactions, Rotation,
Vertical perception, Sensory perception, Stimulation,
Reaction (Psychology), Ear, Eye, Flight, Aircraft.

(Unannounced)

61-14671

I. Tschermak, A.
II. Schubert, G.

Office of Technical Services

Steinhausen, Wilhelm.

CONCERNING PROOF OF THE MOVEMENT OF THE CUPULA IN THE INTACT AMPULLA OF THE SEMI-CIRCULAR CANAL OF THE LABYRINTH IN THE NORMAL ROTATORY AND CALORIC STIMULATION (Über den Nachweis der Bewegung der Cupula in der Intakten Bogengangs Ampulle des Labyrinths bei der Natürlichen Rotatorischen und Calorischen Reizung).

[1961] [11]p. 4 refs.

Order from SLA \$1.60

61-14669

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Gesamte Physiologie des Menschen und der Tiere (Germany) 1931, v. 228, p. 322-328.

DESCRIPTORS: Ear, Physiology, Rotation, Stimulation, Heat, Body, Stability, Reaction (Psychology).

(Unannounced)

61-14669

I. Steinhausen, W.

Office of Technical Services

Hibernation and Heat Endurance in the Dormouse
(Myomys Olig), by Wyss, A. M. Oscar, 62 pp.

GERMAN, per, Pflügers Arch f d gas Physiologie,
Vol CXXXIX, 1931-32, pp 599-635.

WIM 1-86

Sci- Biology

Feb 59

81,010

Steinhauser, Wilhelm.
CONCERNING THE SPONTANEOUS MOVEMENT OF
THE CUPULA IN THE AMPULLAE OF THE SEMI-
CIRCULAR CANAL OF THE LABYRINTH (Über die
Eigenbewegung der Cupula in den Bogengangsampullen
des Labyrinths). [1961] 3p. 1 ref.
Order from SLA \$1.10

61-14824

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiol[ogie] des Menschen und der Tiere] (Germany)
1932, v. 229, no. 4/5, p. 439-440.

DESCRIPTORS: Ear, Physiology.

(Unannounced)

61-14824

1. Steinhauser, W.

Office of Technical Services

Effect of Accolorations on the
Circulatory System, by J. Jongbloed,
A. Noyons.

GERMAN, per. Pflügers Arch Ges
Physiol, Vol CCXXXIII, 1934,
pp 67-97.
NASA TT F-9732

U. S. GOVERNMENT USE ONLY
Sci-Elect
Mar 66

298,561

Ulrich, Hans.

THE FUNCTION OF THE OTOLITHS, TESTED BY
THE DIRECT MECHANICAL INFLUENCE OF THE
UTRICULAR OTOLITH ON THE LIVING PIKE (Die
Funktion der Otolithen, II. Mitteilung. (Die Funktion
der Otolithen, Geprüft durch Direkte Mechanische
Beeinflussung des Utriculusotolithen am Lebenden
Hecht). Communication 2 on the Function of the
Otoliths. [1961] [16]p. 21 refs.
Order from SLA \$1.60

61-14666

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiologie des Menschen und der Tiere[Germany]
1934/35, v. 235, p. 545-553.

DESCRIPTORS: Tests, Ear, Bones, Stimulation,
Eyes, Reflexes, Fishes, Nerves, Physiology,
Conditioned reflex.

(Unannounced)

61-14666

- I. Title: Pike
- I. Ulrich, H.
- II. Title: Function . . .

Office of Technical Services

Schubert, G.
STIMULATION OF THE LABYRINTH BY ADDITIONAL
ACCELERATION IN THE INFLUENCE OF THE CEN-
TRIFUGAL FORCE (Labyrinthreizung durch Zusatz-
beschleunigung bei Einwirkung von Zentrifugalkraft).
[1961] [17]p. 19 refs.
Order from SLA \$1.60

61-14662

Trans. of Pflüger's Archiv [für die Gesamte Physiologie
des Menschen und der Tiere] (Germany) 1933/34,
v. 233, p. 537-548.

DESCRIPTORS: Ear, Physiology, Reaction (Psychology),
Acceleration, Head, Rotation.

(Unannounced)

61-14662

I. Schubert, G.

Office of Technical Services

Steinhausen, Wilhelm.
CONCERNING THE FORCES RELEASED BY THE
OTOLITHS (Über die durch die Otolithen Ausgelosten
Krafte) Communication 1 on the Function of the
Otoliths. [1961] [12]p. 12 refs.

Order from SLA \$1.60

61-14665

Trans. of Pflüger's Arch[iv] f[ür] d[ie] Ges[amte]
Physiologie des Menschen und der Tiere (Germany)
1944/35, v. 235, p. 538-544.

DESCRIPTORS: Ear, Hearing, Physiology, Body,
Stability.

(Unannounced)

61-14665

I. Steinhausen, W.
II. Title: Function, . .

Office of Technical Services

Fermentative Breakdown of Acetylcholine, by
R. Azmon.
GERMAN, per, Pflugers Archiven, Vol 333, No 40,
1936, pp 6-91 - 96
NZDIA

Sci -

Jul 67

334,190

Fermentative Breakdown of Acetylcholine, by
R. Ammon.
GERMAN, per, Pflugers Archiven, No. 233, 1936,
pp 486-491
HZDIA

Sci -
Aug 67

335-750

The Elastic Properties of Elastic and Collagenic
Fibers and Their Molecular Significance, by K. H.
Mayer, C. Ferri, 11 pp.

GERMAN, per, ^HPflüger's Arch Ges Physiol, Vol
CCXXXVIII, 1937, pp 78-90.

SLA Tr 57-665.

Sci - Physics
Sep 57

52,790

Difference of Cardiac Energetics and Cardiac
Dynamics in Pressure and Volume Production,
By K. Gollwitzer-Meier, E. Krüger, 14 pp.

GERMAN, per, ~~Max~~ Pflüger's Archiv f. d. Ges.
Physiologie, Vol CCXXXVIII, 1937, pp 279-289.

NIH Tr No 2-19

Sci - Medicine, physiology
Apr 1957 CTS/dax

45,417

Agency: FAA

R-12750-D

P.O. Number: 1AC-45574-U

11 Feb. 71

Title: Die Bestimmung des wahren Volumens und des spezifischen Gewichtes vom Menschen mittels Luftdruckveränderung.

Author: Von J. JONHELD and A.K.M. NOYONS

Source: Pflügers Arch. ges. Physiol. Vol.240:197-201,1971

Language: German

Special Instructions: Translate into English and pasteup diagrams and illustrations.

Oxygen Consumption and Coronary Artery Perfusion of
the Innervated Heart in Their Relation to Work and
Form of Work of the Heart, by E. Krüger, Chr.
Kroetz, Kl. Collwitzer-Meier, 27 pp.

GERMAN, no par, Pflügers Arch, Vol CCXL, 1938,
pp 263-281.

HHH Tr No 1-17

Sci - Medicine
Feb 1957 CTS/dcx

43,525-

The Adjustment of the Cardiac Volume to the
Aortic Pressure, by E. A. Muller, 26 pp.

GERMAN, per, Pflugers Arch, Vol CCXLI, 1939,
pp 427-438.

NIH Tr 9-32-60

Sci - Med

Nov 60

131, 342

Mechanism of Heat Regulation, by S. Dantas.
GERMAN, per, Pflugers Archiv fur die Gesamte
Physiologie des Menschen und der Tiere, Vol
241, 1939, pp 612-629.
NASA TT F-11,275

GOVERNMENT USE ONLY
Sci-Phys
Jan 68

348,659

Agency: FBA
A.C. No.: FBA-T-68-19
A--9907-D
19 November 1958

Title: Bestimmung kleinster Acetylcholinmengen am
Lungenpräparat des Frosches
Author: Corsten, Martin
Source: H. H. Flugger's Archiv für die Gesamte Physiologie
des Menschen und der Tiere 244:261-71,
1940 (11 pp.)

Language: German

Special Instructions: Please translate and type
1 copy

Mies, H.
FURTHER INVESTIGATIONS CONCERNING THE
RELATION BETWEEN THE LABYRINTH AND THE
REGULATION OF THE BLOOD PRESSURE (Weitere
Untersuchungen über die Beziehung zwischen
Labyrinth und Blutdruckregulation). [1947] 16p. 12 refs.
Order from SLA \$1.60

Trans. of Pflüger's Archiv (für allg. Gesammte
Physiologie des Menschen und der Tiere).
(Germany) 1940. v. 243. p. 703-713.

DESCRIPTORS: *Ear. *Blood pressure. Physiology.

(Unannounced)

61-14304

1 Mies, H.

104422

Office of Technical Services

Lehnert, K.
CONCERNING TRUE AND PSEUDO-HOROPTERS
(Über Wahre und Scheinhoropteren). [1961] [16]p.
11 refs.
Order from SLA ml\$2.40, ph\$3.30 61-14285

Trans. of Pflüger's Archiv für die Gesamte
Physiologie des Menschen und der Tiere (Germany)
.941, v. 245, p. 112-120.

61-14285

1. Vision--Theory
2. Title: Horopter
1. Lehnert, K.

151856

Office of Technical Services

(Biological Sciences--Physiology, TT, v. 5, no. 12)

Beecher, Gerhard A.
FORM AND DIMENSION OF THE PANUM AREAS
IN FOVEAL VISION (Form und Ausdehnung der
Pannumischen Areale bei Fovealem Sehen) [1961][22]p
12 refs.
Order from SLA m52.70, pb\$4.80 61-14135

Trans. of Pflügers Archiv für die Gesamte Physiologie des Menschen und der Tiere [Germany] 1942,
v. 246, p. 315-324

(Unannounced)

61-14135

1. Eye - Physiology
2. Visual acuity - Physiological factors
3. Title: Panum's areas
4. Beecher, G. A.

Office of Technical Services

ON SENSORY IMPULSES IN CARDIAC NERVES, BY A. AMANN,
H. SCHAEFER, 27 PP.

GERMAN, PER, PFLUGERS ARCH FUR DIE GESAMTE PHYS,
VOL CCXLVI, NO 6, 1943, PP 757-789.

NIH 5-12-62

SCI - MED

207,827

AUG 62

Tonner, Fredrich and Weber, Hans, H.
THE ELEMENTS OF THE INTERPRETATION OF
VISUAL ACUITY (Die Grundlagen der Deutung der
Sehschärfe). [1961] 7p. 6 refs.
Available on loan from SLA

61-10945

Trans. (partially in manuscript) of Pflüger's Archiv
für die Gesamte Physiologie des Menschen und der
Tiere (Germany) 1943, v. 247, p. 143-148.

61-10945

- I. Visual acuity--Theory
- I. Tonner, F.
- II. Weber, H. H.

148747

Office of Technical Services

(Biological Sciences--Physiology, TT, v. 3, no. 12)

61-14421

Donner, Friedrich.
THE MEASUREMENT OF THE SENSORY AREA
AND THE VISUAL ACUITY UNDER VARIABLE
CONDITIONS IN THE SAME EXPERIMENT (Die
Messung der Empfindungsfläche und Sehschärfe unter
Variablen Bedingungen im Gleichen Versuch). Com-
munication 2 on Analysis of the Resolving Power of the
Eye (Analyse des Auflösungsvermögens des Schap-
parates. 2. Mitteilung). [1961] [20]p. 11 refs.
Order from SLA m52.40. ph\$3.30 61-14421

Trans. of Mlagers Arch[iv für die Gesamte Physio-
logie des Menschen und der Tiere] (West Germany)
1943, v. 247, p. 149-159.

(Unannounced)

1. Visual acuity - Measure-
ment
2. Eye - Sensitivity
1. Donner, F.
- II. Title: Analysis...
- III. Title: Analyse...

Office of Technical Services