

International Technical Conference on the Use of
Computer Engineering in the Design and
Exploitation of Power Systems, by L. V.
Bogdanov, 5 pp.

RUSSIAN, per. Iz Vysshikh Ucheb Zaved, Elektromekh.
No 6, 1960, pp 144, 145.

JPRS 4188

Sci - Engr

Nov 60

133,607

Generalisation of the Dynamic Equations for a
Complex Power System and a Stability Analysis by
Electronic Computer, by L. V. Tsukernik, 12 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XVIII,
No 1, 1957, pp 47-58.

Instru Soc of Amer

Sci

Feb 60

108,745

On the Significance of Stability Criteria for
Automatic Excitation Control of Free-Running
Synchronous Machines, by L. V. Tsukernik, 7 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 6,
1960, pp 740-747.

Instru Soc of Amer

Sci

112, 553

Apr 60

Contribution to the Theory of Resonance
Absorption of an Alternating Magnetic Field
by a Ferromagnetic Dielectric at Low Tem-
peratures, by M. I. Kaganov, V. M. Tsukernik,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 11, 1961, pp 1358-1363.

CTT

Sci

Nov 62

217, 689

The Propagation of Electromagnetic Waves in
Loaded Slow-Wave Systems With Annular Slots,
by L. V. Tsukernik.

RUSSIAN, per, Radiotekh, Vol IV, 1959:
pp 880-987.

Language Sv Bu

Sci - Electronics

Oct 60

129,629

10 549

US-4
US-5

L. V. TSUKERNIK

Static stability analysis of a complex power system

Sbornik Trudov Akad. Nauk SSSR, Kiev, Inst. Elektrotekh.
13, 6-34 (1956)

Trans. 1254, M433, \$ 4.80 (ph), \$ 2.70 (mf), 59-22502 -
English

E u r a t o m

Analysis of the Static Stability of Complex Power
Systems With the Aid of Electronic Computers, by
L. V. Tsukernik, N. A. Kachanova. USCL

RUSSIAN, per, Elektrichestvo, No 7, 1957,
pp 39-45.

DSIR LIU (loan) N.479

95, 868

Sci - Electron
Sep 59

95, 868

Static Stability Analysis of a Complex Power
System, by L. V. Tsukernik. UNCL

RUSSIAN, per, Trudy In-ta Elektrotekh Ak Nauk
Ukr, Vol XIII, 1956, pp 5-34.

Electron
Sci - Elekt

DSIR LIU (loan) M.433

SLA 59-22502

Aug 59

94, 852

Seismic and Gravimetric Investigations on the West
Ice Shelf of the Antarctic Continent, by
V. B. Tsukernik, A. I. Prolov, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Geofiz, No 6,
1963, pp 907-921.

GB
AGU

Sci -
Nov 63

241, 821

High-Frequency Magnetic Susceptibility of a
Ferromagnetic Dielectric in a Longitudinal Magnetic
Field, by R. N. Gurzhi, V. M. Tsukernik, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLIII,
No 3, 1962, pp 977-983.

AIP

Sci

Jun 63

233,192

High-Frequency Magnetic Susceptibility of a
Uniaxial Ferromagnetic Crystal in a Longitudinal
Magnetic Field, by M. I. Kaganov and V. M. Toukernik,
2 pp.

RUSSIAN, per Zhur Eksp. i Teoret. Fiz., Vol. XII,
No. 1, 1961, pp. 267-275.

AIP
Sov. Phys.-JETP
Vol. XIV, No. 1

Sci

Mar 62

188,157

Nonresonance Absorption of Oscillating
Magnetic Field Energy by a Ferromagnetic
Dielectric, by M. I. Kaganov, V. M. Taukernik,
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,
No 3(9), 1959, pp 823-832.

Amer Inst of Phys
Sov Phys-JETP
Vol XXXVII(10), No 3

Sci

Apr 60

113,974

Phenomenological Theory of Kinetic Processes in
Ferromagnetic Dielectrics. II. Interaction of
Spin Waves with Phonons, by M. I. Kaganov, V. M.
Tsukernik, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI,
No 1 (9), pp 224-232.

Amer Inst of Phys
Sov Phys - JETP
Vol IX (35), No 1

Aug 59

94,003

Effect of Thermoelectric Forces on the
Skin Effect in a Metal, by M. I. Kaganov,
V. M. Tsukernik, 4 pp.

RUSSIAN, par, Zhur Eksper i Teoret Fiz,
Vol XXIV, No 2(8), 1958, pp 474-478.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 2

Sci - Phys

Apr 59

84, 157

Nonresonance Absorption of Oscillating Magnetic
Field Energy by a Ferromagnetic Dielectric. II,
by M.I. Kaganov, V.M. Tsukernik, 3 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol
XXXVIII, No 4, 1960, pp 1320-1325.

AIP
Sov Phys - JETP
Vol XI, No 4

Sci
Nov 60

132,898

Phenomenological Theory of Kinetic Processes in
Ferromagnetic Dielectrics, by M. I. Kaganov,
V. M. Tsukernik, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 6, 1958, pp 1610-1618.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 6

Sci - Phys
Jan 59

78,745

Contribution to the Theory of Antiferromagnetism
at Low Temperatures, by M. I. Kaganov and V. M.
Tsukernik, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 1, 1958, pp 106-109.

Amer Inst of Phys
Sov Phys - JETP
Vol VII, (34), No 1

Sci - Phys

Sep 58

73,242

SLA R-3853

On Antiferromagnetism Theory, by V. M.
Tsukernik, 6 pp.

RUSSIAN, per, Fiz Metal i Ak Nauk SSSR,
Vol 7 IV, No 3, 1957, pp 566, 567.

11-57-10131-10131 SIA R-2363

Sci

Aug 58

72,022

Some Patterns of Reaction of the Hemopoietic
System in Diphyllobothriasis, by O. E.
Tsukershteyn, B. M. Kupsik, 5 p.

RUSSIAN, per, Problemy 'Gematologii i
Perelivaniya Krovi, Vol IV, No 7, pp 49-52.

Pergamon Press

Sci

Apr 60

112,488

(SF 1961)

Experience in the Prophylaxis of Rheumatism in
Adults, by Ye. I. Tsukershteyn, V. M. Karllinskiy,
5 pp.

RUSSIAN, per, Zdravookhraneniye Kazakhstana, No 5,
1961. pp 5-8.

z The Alkylation of Aromatic Compounds by Alcohols.
XVIII. Reactions of Pentanol-1 and Hexanol-1 With
Benzene, by G. Kh. Khakimov, I. P. Tsukorvanik, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 2,
1963, pp 493-498.

CB

Sci
Jan 64

246,950

Alkylation of Aromatic Compounds with Alcohols. XVII.
Reaction of n-Propyl and n-Butyl Alcohols with
Benzene, by I. P. Tsukervanik, O. Kh. Khakimov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 4,
1962, pp 1296-1300.

CB

Sci

Mar 63

232,876

Alkylation of Benzene, Toluene, and Xylene by
1,3-Dibromobutane, by I. P. Tsukervanik,
L. V. Bugrova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 7,
1961, pp 2143-2148.

CB

Sci

13 Jun 62

200,405

Tsukervanik, I. P., Kim, Kh., and
Kurbatova, A. S.
ACYLATION OF AROMATIC COMPOUNDS. PT. 6.
ACETYLATION AND BENZOYLATION OF
2-METHYLNAPHTHALENE AND ACENAPHTHENE
IN THE PRESENCE OF IRON OR FERRIC
CHLORIDE. [1963] 5p.
Order from ATS \$7.50 ATS-68Q69R

Trans. of Zhurnal Obshch[ei] Khim[i] (USSR)
1963, v. 33, no. 1, p. 234-237.

DESCRIPTORS: *Acetylation, *Benzoyl radicals,
*Methyl radicals, *Naphthenes, Iron compounds,
Chlorides, Acylation.

(Chemistry--Organic, TT, v. 10, no. 7)

63-17765

1. Title: 2-Methylnaphthalene
2. Title: Acenaphthene
- I. Tsukervanik, I. P.
- II. Kim, Kh.
- III. Kurbatova, A. S.
- IV. Title: Acetylation...
- V. ATS-68Q69R
- VI. Associated Technical Services, Inc.,
East Orange, N. J.

A247602

Office of Technical Services

Condensation of Vinyl Halides with Toluene
and Anisole, by I. P. Tsukervanik,
Kh. Yu. Yuldashev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 3, 1961, pp 858-861.

CB

Sci

May 62

195,319

the Condensation of Benzotrichloride With Benzene
in the Presence of Aluminum Chloride, by I. F.
Fenkervanik, Z. Ya. Belinson, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2038-2041.

OB

Sci - Chem
Oct 59

99,057

Radical and Ionic Alkylation of the Aromatic Ring.
VII. Butylation of Benzene, Naphthalene, Phenol
and Anisole, by S. G. Mel'kanovitskaya, I. P. Tsuke
6 pp. Isotermizatsiya

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2032-2037.

CB

Sci - Chem
Oct 59

99,056

Condensations of Trichloroethylene with Benzene, by
M. V. Vasilyeva, and I. P. Tsukervanik, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,
1957, pp 1767-1769.

Consultants Bureau

Sci - Chem

Oct 58

74, 126

Cycloalkylation of Aromatic Compounds. XI.
On the Product of Condensation of Cyclo-
heptanol with Benzene, by N. G. Sidorova
and I. P. Taukeryanik, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
6, 1957, pp 1469-1471.

Consultants Bureau

Sci - Chem

Sep 58

72,907

Alkylation of Benzene With Polyhalogenated
Derivatives in Presence of Metallic Aluminum, by
K. I. Porshakova, N. G. Sidorova, I. P. Tsukervanik,
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,
May 1956, pp 1375-1378.

Consultants Bureau

Sci Chemistry
May 57

47,296

Alkylation and Acylation of Acetoacetic and Malonic
Esters in the Presence of Copper Powder, by
I. P. Tsukervanik, G. G. Galust'yan, 8 pp.

RUSSIAN, per Zhur Obshch Khim, Vol. XXXI, No. 2,
1961, pp 528-530.

CB

189,172

Sci

Mar 62

Tsukervanik, I. P.
CONDENSATION OF ALCOHOLS WITH AROMATIC
COMPOUNDS IN THE PRESENCE OF ALUMINUM
CHLORIDE, XL MECHANISM OF ALKYLATION OF
AROMATIC HYDROCARBONS WITH ALCOHOLS.
[1961] 6p. 7 refs.
Order from OTS or SLA \$1. 10 61-20141

Trans. of Zhurnal Obshchei Khimii (USSR) 1945,
v. 15, p. 635-638.

DESCRIPTORS: *Alcohols, *Condensation reactions,
Aluminum compounds, *Chlorides, *Alkyl radicals,
*Hydrocarbons.

Decomposition of products of interaction of alcohols
with aluminum chloride was investigated at tempera-
tures above 100°. Contrary to the data of Norris and
Sturgis (J. Am. Chem. Soc. 61: 1413, 1939), high
(Chemistry--Organic, TT, v. 7, no. 9) (over)

61-20141

I. Tsukervanik, I. P.
II. Title: Mechanism. . .

206027

Office of Technical Services

Radical and Ionic Alkylation of the Aromatic
Nucleus. VIII. A Contribution on Tri-
chloromethylation of Naphthalene, by I. P.
Tsukervanik, M. B. Gorovits, G. K. Makarichev,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3295-3298.

CB

Sci

Oct 60

150,608

Radical and Ion Alkylation of the Aromatic Ring.
VI. Reactions of Diphenylchloromethane with
Toluene and Benzene. S. G. Mel'kanovitskaya,
I. P. Tsukeryanik, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 1, 1958, pp 11-14.

Consultants Bureau

Sci - Chem

Apr 59

84,171

Radical and Ion Mechanism of the Alkylation of
the Aromatic Nucleus. V. Benzylolation of
Naphthalene, by I. P. Tsukervanik and G. S.
Semeshko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
5, 1957, pp 1137-1142.

Consultants Bureau

Sci - Chem

Sep 58

72,843

The Nitration of 1,1-Diphenylethane, by I. P.
Tsukeryanik, M. D. Sokolnikova, 3 pp.

Full translation.

RUSSIAN, no per Zhur Obshch Khim, Vol XXIV, No 8,
1954, pp 1435-1438. CIA C 41477

Consultants Bureau

Scientific - Chemistry
Apr 56 CTS/dex

Friedel-Crafts Ketone Syntheses With Zinc Chloride,
by A. E. Kuchkarov, I. P. Tsukeryanik, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XVIII,
1948, pp 320-323.

CIA/FDD/XX-49

Scientific - Chemistry

Jan 56 CTS/DEX

LAC INTERNAL USE ONLY

30,370

Condensation of Ditertiary Glycols With Benzene,
by I. P. Labunskiy, I. P. Tsukervanik, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, USSR,
Vol LXXX, 1951, pp 369-372.

CIA/FDD/XX-94
IAC INTERNAL USE ONLY

31,160

Scientific - Chemistry Feb 56 CTS/DEX

NOT RELEASABLE TO FOREIGN NATIONALS

Bromination of 1.1-Diphenylethane, by I. P.
Tsukervanik, K. Yu. Yuldashev, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,
No 9, Sep 1954, pp 1566-1567. CIA C 42159.

Consultants Bureau

Sci - Chemistry

Jun 1956/Dex

35,165

Condensation of Phenylmercurium Diiodide with
Aromatic Halogenated Derivatives, by E. A. Vdovtsova,
I. P. Tsukerov, 4 pp.
vanik,

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 3,
USSR, Mar 1954, pp 558-560. CIA D 151317

Consultants Bureau

Scientific - Chemistry

22,848 CTS 68/May 55

Alkylation of Aromatic Compounds with Alcohols.
XVI. Condensation of 1, 4-Pentanediol with
Benzene, by ~~Dr~~ I. P. Trukeryanik, N. I.
Bogdanova, 2 pp. - UNCLASSIFIED

RUSSIAN, per, Zhur Obshe Khim, Vol XXIII,
No 3, Mar 1953, pp 410-411.

Consultants Bureau

Scientific - Chemistry

13,226

KITTEL, G., and TSUKERMAN, I. P., Lab of Org Chem,
Central Asian State U.

Halogen Derivatives of Cyclic α -Diketones. I.
The Structure of the Halogen Derivatives of 1,2-Cyclo-
pentanedione

Zhur Obshch Khim, Vol XI, No 2, 1950, (Feb), pp 335-
338

Consultants Bureau Translation

A-5398

Condensation of Dimethylaniline With Acetylene and
Acetaldehyde, by T. G. Garkovets, I. P. Tsukervanik,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1656-1659.

Consultants Bureau

Sci - Chemistry
Jul 57

49,668

condensation of α,β,γ -Trichlorocrotononitrile With
Benzene in the Presence of Aluminum Chloride, by
A. D. Greboryuk, I. P. Finkelshteyn, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3,
1958, pp 2380-2383.

08

Sci - Chem
Oct 59

109,079

The Condensation of Styrene With Benzene, by
I. P. Tsukervanik, T. G. Garkovets, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1653-1655.

Consultants Bureau

Sci - Chemistry
Jul 57

49,675

The Reactions of Acetylene With Aromatic
Compounds, by I. P. Tsukervanik, 3 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 3, May/Jun 1953, USSR, pp 533-536.

CIA C 96692

Consultants Bureau

Scientific - Chemistry

CTS/DEX

19,435

Cyanoethylation of the Nucleus of Aromatic Compounds,
by A. D. Grebenyuk, I. P. Tsukervanik, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 2,
1955, pp 286-292. CIA D 151348

Consultants Bureau

Scientific - Chemistry

25,405

Condensation of Allylacetate With Benzene in
Presence of AlCl_3 , by I. P. Tsukervanik, S. G.
Melkanovitskaya, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10,
USSR, Oct 1953, pp 1635-1637. CIA D 151002

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,603

TSUKERVANIK, I. P., and SIMKHAYEV, N. G., Chem Inst,
Acad Sci, Uzbek SSR

Condensation of Vinyl Ethers and α -Chloroethers with
Benzene

Zhur Obsch Khim, Vol XX, No 2, 1950 (Feb), pp 329-
333

Consultants Bureau Translation

A-11157

TT-65-13852

Field 7C

Tsukervanik, I. P.; Nazarova, Z. N.
ALKYLATION OF PHENOLS WITH ALCOHOLS IN THE
PRESENCE OF ALUMINUM CHLORIDE. II. ALKYLATION
WITH SECONDARY AND PRIMARY ALIPHATIC ALCOHOLS
(Alkilirovaniye Fenolov Spirtami v Prisutstvi Khloristogo
Alyuminiya, II. Alkilirovaniye Vtorichnymi i Pervichnymi
Alifatticheskimi Spirtami), 24p (foreign text included) 20 refs.
Order from SLA: \$2.60 as TT-65-13852

Trans. of Zhurnal Obshchei Khimii (USSR) v7 n3-4 p623-31
1937.

I. Title: Alkylation...

MR 666

Condensation of Acetylene With Chlorobenzene, by I. P.
Lukervanik, T. G. Garkovets, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 5,
1955, pp 919-920.

Consultants Bureau

Scientific - Chemistry

RT-3270

41,364

The Alkylation of Aromatic Compounds by Alcohols in the Presence of Aluminum Chloride. XV. The Alkylation of Benzene in a Continuous-Action Apparatus, by Z. P. Tsakervanik and Kh. Taveeva, 3 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 6, Jun 1952, pp 966-968.

Consultants Bureau

Sci - Chem

Dec 53 CTS

7351

Radical and Ion Alkylation of the Aromatic Nucleus. IV.
Benzylation of Guaiacol, Toluene, and Benzene, I. P.
Tsukervanik, S. G. Melkanovitskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957,
pp 885-888.

Consultants Bureau

Sci - Chem
Aug 58

69, 246

Condensations of 1,4-Bromochlorobutane with
Benzene, by I. P. Tsukervanik, L. V. Bugrova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4,
1957, pp 889-892.

Consultants Bureau

Sci - Chem
Aug 58

69, 247

24

**Interpreted Relations of Andrew Anderson L.
and A. Leontopolis Bank. Graphs in the
Lakes of Eastern Ethiopia, by Th. M. Todorov.**
10 pp.
BIBLIOM. par. Zool Zool, Vol XXII, No 2,
1964, pp 173-177.
JPRS 23967

Sci - Biol
Jun 64

261,102

On the Question of the Analysis of Piston Motion in a
Hydraulic Performance Apparatus, by E. A. Tsukhanova,
28 pp.

RUSSIAN, per, Trudy Inst Ak Nauk Mashin ~~Trudy~~, Vol XVI,
No 63, 1956, pp 17-40.

Morris D. Friedman

T-132

14.00

Sci - Engr

OTS I, 9

Jun 59

89,547

THE CALCULATION OF OVER-ALL REACTION RATES AND
FLAME VELOCITIES IN GAS MIXTURES, BY
O. A. TSUKHANOVA, 15 PP.

RUSSIAN, BK, ISSLEDOVANIYA PROTSESOV
GORENIYE, L958, PP 81-90. 9665767

FTD-TT-62-270

SCI - PHYS
JUL 62

204,441

A Method of Investigating the State of Explosion
Products by Measuring Shock-Wave Parameters, by
O. A. Tsulhanova, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 2, 1960,
pp 242-247.

AIP
Sov Phys - Tech Phys
Vol V, No 2

Sci

127,639

Sen 60

Formation of a Shock Discontinuity Ahead of a Plane
Front, by G. D. Salomandra, O. A. Taulkhanova, 7 pp.

RUSSIAN, ^{bk} ~~bk~~, Physical Gasdynamics, USSR Acad Sci,
pp 151-162.

ISS, Vol XXX, No 1
January 1960

Sci - Physics
Feb 60

107,611

14

(DC-3435).

Calculating the Over-All Reaction Rate and Flame
Velocity in Gas Mixtures, by O. A. Tsukhanova,
44 pp.

RUSSIAN, pamphlet, Kinetika i Rasprostraneniye
Plazmi, Moscow, 1959, pp 3-32.

JPRS 3107

Sci - Engr
Apr 60

111, 961

Combustion of Carbon, by L. N. Khitrin,
O. A. Tsukhanova, 25 pp.

RUSSIAN, no per, Uspekhi Fiz Nauk, VolXLI, No 3,
1950, pp 311-330.

CIA/FID X 2087

Sci - Chemistry

- Fuels

Jun 56 CTS/dex

35,647

Electron Optics in Television, by I. I. Tsukkerman.

RUSSIAN, bk, Approx 293 pp.

PP

Sci

Mar 61

The Electronic-Optic Method of Changing the Scale of
a Television Image, by I. I. Tsukkerman, 10 pp.

RUSSIAN, per, Radiotekhnika, Vol XII, No 3, 1957,
pp 4-9.

ATIC F-TS-9240/V

Sci - Electronics
Jun 58

65,589

Calculation of the Resolving Power of an Electron
Optical Transformer With Homogeneous Fields, by
B. E. Bonshtedt, T. G. Dmitrieva, I. I. Tsukker-
man, 3 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1966-1968.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54,394

Oct 57

Anamorphic Electron Optics, by I. I. Tsukkerman,
5 pp.

RUSSIAN, per, Zhur, Tekh. Fiz. Vol XXXIII, No 5, 1963,
505-511 pp.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VIII, No 5

Sci
Oct 63

242,059

Spherical Aberration of a Four-Pole Magnetic Lens,
by M. G. Markovich, I. I. Tsukkerman, 7 pp

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 11,
1960, pp 1362-1368

AIP
Sov Phys - Tech Phys
Vol V, No 11

Sci
May 61

152, 364

Tsukkerman, I[lya] I[vanovich].
ELECTRON OPTICS IN TELEVISION, tr. by Louis
Anderson Fenn. [1960] 298p.
Order from PP \$8.50

Trans. of [Elektronnaya Optika v Televidenii, Moscow,
1958, 245p.].

51-12582

1. Electron optics--Theory
 2. Television equipment--
Design
 3. Cathode ray tubes--Theory
- I. Tsukkerman, I. I.
 - II. Pergamon Press, Inc.,
New York

Office of Technical Services

(Engineering--Electronic, TT, v. 5, no. 7)

Short Four-Polar Magnetic Lens, by I. I.
Taulskerman, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII,
No 8, 1958, pp 1809-1812.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys

Mar 59

83,520

The Transmission of the Co-ordinates of a Televised Image, by I. I. Tsukkerman, 4 pp.

RUSSIAN, per, Radiotekhnika, Vol XIII, No 4, 1958, pp 77, 78.

Pergamon Press

Sci - Electron

Sep 59

96,628

16

(SI-8819)

Portable Pneumatic Oscillograph and Small (Portable)
Mechanocardiograph, by S. T. Tsukerman, 9 pp.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved, Priborostroy,
No 3, 1959, pp 57-63.

JPRS 2771

Sci - Eng - Instruments

Sci 60

119,300

Resolving Power of the Eye from the Standpoint of
Information Theory, by V. D. Glezer and I. I.
~~Tsukkerman~~, 10 pp.

RUSSIAN, per, Biofiz, Vol IV, No 1, 1959,
pp 55-63.

Pergamon Press

Sci

Doc 99

101,957

Taukrova, F. M.

ELECTROPHORETIC STUDIES OF PROTEINS FROM
THE BLOOD SERUM OF DONORS IN DIFFERENT
AGE GROUPS. [1963] [8p] FASEB Manuscript no.
S 373-2.

Order from OTS or SLA \$1.10

63-23850

Trans. of Laboratornoe Delo (USSR) 1962, v. 8,
no. 9, p. 40-42.

DESCRIPTORS: *Electrophoresis, Proteins, Blood
serum, *Blood transfusions, *Aging (Physiology),
*Blood proteins.

(Biological Sciences--Physiology, TT, v. 10, no. 12)

63-23850

- I. Taukrova, F. M.
- II. FASEB S-373-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

63-23850

Office of Technical Services

(NY-3435).

The Effect of Insulin in Irradiated Animals, by F. M.
Tsukrova, 3 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 10, 1959.

JPRS 2707

Sci - Medicine

Oct 60

130,985

11 767

Fr-1

TSUKUDA M.

A study of special magnesium alloys obtained by casting.
III. Castability

Etude des alliages spéciaux de magnésium obtenus par
coulée. III. Aptitude à la coulée "castability"

Light Metals, 36, 35-44 (1959)

X.221 - French

E u r a t o m

Etude des Alliages Speciaux de Magnesium Obtenus
par Coulee. II. Effet de l'Addition de Zirconium
sur les Propriétés Mécaniques du Magnesium et de
Ses Alliages, (Study of Special Magnesium Alloys
Obtained by Casting. II. Effect of Addition of
Zirconium on Mechanical Properties of Magnesium and
Its Alloys), by M. Tsukuda, 30 pp.

JAPANESE to FRENCH, per, Keikinsoku, Vol IX,
No 36, 1959, pp 35-45.

Reverse Trans
CEA Tr-X-220

Jun 61

Sci

Contribution to the Description of New Species
of Hematodes From the Genus Hoploasius, by A.T.
Tulaganov.

RUSSIAN, per, Semerkand Uzbekskogo Gosudarst
Vennogo Universiteta. Trudy, N.S. Biol.

Vol 11, 1941, pp 21-22.

(NRC/Ref: C-4952)

A. T. TULAGANOV

Sci -

Aug 67

339,896

Guard Socialist Property, by A. Tsunarev, A. Munder,
6 pp.

RUSSIAN, per, Vozanny Vestnik, No 9, 1963. 9690343

ACSI I-1614-I
ID 2201421

301
Jan 64

746 964

ROKUSO, Tameshige
UEITA, Tadatoshin
SAGARA, Tami
~~TSUBOTA~~, Akira *Tsumita*
KOSAKA, Shogo

Screening Test of the Chemical Compounds which
inhibit the Yoshida Ascites Sarcoma in the Rat.
3-Pages

Japanese, Ganm, XL, nos. 2,3,4. 1949, 14-142

L-545

Translated at the
National Inst. of Health
Bethesda, Md.

A-5897

Administrative Activities of the Commander, by
Maj Gen A. Tsumarev, JAG, Lt Col A. Munder, JAG.
6 pp.

RUSSIAN, per, Voyenny Vistnik, No 6, 1962.

ASCI IO424 F
ID 2191532

Sci
Nov 62

216,599

Tsuneshige Rokujo
Tetsuzo Nishihara
Tadamochin Ukita

Sadao Iguchi
Akira Tsunita

Screening Test of the Chemical Compounds Which
Inhibit Yoshida Sarcoma, 4 pp.

JAPANESE, Gann, Vol 41, No 2-3-4, Dec 1950, 91-92.

X-592

National Institutes of Health
Bethesda, Maryland

A 4304

Tsumori, Hiroshi, Nakajima, Junichi and others.
AUTOMATIC CONTROL OF pH IN SODIUM GLUCONATE PRODUCTION FROM GLUCOSE BY ASP. NIGER, [1962] 11p. (5 figs. 2 tables omitted) 9 refs. Order from SLA \$1.60 62-14603

Trans. of [Hakko Kagaku Zasshi] (Japan) 1961, v. 39, no. 6, p. 328-[332].

DESCRIPTORS: *Gluconates, *Hydrogen ion concentration, *Sodium compounds, *Fermentation, *Glucose, *Molds.

An automatic pH control system was employed in the production of gluconic acid by fermentation of glucose in the presence of Asp. niger. The pH of the fermentation solution could be maintained at 6.5 ± 0.05 throughout the fermentation period. The system possessed the following features. The solution was circulated (Engineering--Chemical, TT, v. 8, no. 9) (over)

62-14603

I. Tsumori, H.
I. Tsumori, H.
II. Nakajima, J.

C225924

Office of Technical Services

The Reactive Capacity of Blast Furnace Slags
for Sulphated Metallurgical Cement, by
S. Tsunara.

GERMAN, per, Zement-Kalk-Gips, Vol XII,
No 9, 1959, pp 392-408.

CSIRO

Sci - Min/Met
Engr
Aug 62

207, 351

The Reductive Capacity of Blast Furnace
Slags for Sulphated Metallurgical Cement,
by S. Tsunura. UNCL

GERMAN, per, Zement-Kalk-Gips, Sep 1959,
pp 392-408.

BISI 1501

(L7 10s.03.)

Sci - Min/Met

Feb 60

109,469

Preparation of Benzothiazepines,
by Takeo Tsumura, Kazuo Yoshida, 5 pp.
JAPANESE, patent publication Showa 25-1302,
1950.
SLA TT-63-10684

Takeo Tsumura

338,797

Sci
Aug 67

Tsunawaki, Shigemitsu, Kazama, Kiyoji, and
Ichikawa, Yataro.

METHOD OF MANUFACTURING POLYESTER.

3 July 63, 7p.

Order from SA \$19.00

SA Code-P71

Trans. of published Japanese patent 6747/1962,
cl. 26-D-6, appl. no. 35,066/1959, 7 Nov 59, pub.
2 July 62, by Teikoku Jizo-kenshi Co., Ltd.

DESCRIPTORS: *Fibers (Synthetic), *Polyester plastics,
Manufacturing methods, *Benzoates, Alkoxy radicals,
*Phthalic acids, Butenes, Methyl radicals, Phthalic
anhydride, Glycols, Ethylenes, Carboxylic acids,
Phenyl radicals, Phosphites, Sulfones, Naphthalenes,
Zinc compounds, Calcium compounds, Manganese
compounds, Lead compounds, Acetates, Antimony
compounds, Oxides.

(Materials--Textiles, TT, v. 10, no. 4)

63-17693

- I. Tsunawaki, S.
- II. Kazama, K.
- III. Ichikawa, Y.
- IV. Patent (Japan)
pub. 37-6747
- V. SA Code-P71
- VI. Seizaburo Aoki (Japan)

Office of Technical Services

Electrochemical Properties of the Positive
Plate of the Lead Storage Battery, by Shigeo
Nagaoka, Eizo Kato, Tsuneichiro Yamano, 9 pp.

JAPANESE, Per, Kogyo Kagaku Zasshi, 1956,
Vol LIX, No 10, pp 1104-1106.

SLA 59-15241

Sci
Nov 59
Vol 2, No 3

100,940

The Factors of Transmitting System Affecting the
Naturalness of Speech, by Tsuneji Koshikawa, 14 p.

JAPANESE, per, Nihon Onkyo Gakkaishi, 1958,
Vol XIV, No 2, pp 164-169.

SLA 59-15994

Sci
Jan 60
Vol 2, No 6

103,735

Studies on the Synthesis of Mercapturic Acid.
I. Mechanism of Formation of Mercapturic Acid
in the Rabbit, by H. Tsuneki, 12 pp.

JAPANESE, per, Seikagaku, Vol XXIX, No 12,
Mar 1958, pp 915-918.

NIR 4-17

SLA 39-14277

Sci - Med

May 59

85,997

Studies on the Synthesis of Mercapturic Acid.
II. The Site of Mercapturic Acid. Formation
(in Vitro Experiments), by N. Tsuraki, 12 pp.

JAPANESE, per, Seikagaku, Vol XXIX, No 12,
Mar 1958, pp 918-921.

NIH 4-18

Sci - Chem

May 59

85,998

Parasites in Fish, by Tsunenobu, 19 pp.

JAPANESE, per, Syokubutu Oyobi Dobutu, Vol III, No 12,
1935, pp 2139-2148.

Fisheries Res Board of Canada
Biol Station
Nanaimo, B.C.

Sci

Feb 64

Chemistry of Toxic Components of Ericaceae, by
Tsunematsu Takemoto, Haruo Meguri, 19 pp.

mm
JAPANESE, per, Yakugaku Kenkyu, Vol XXIX, No 6,
1957, pp 588-596. 9046870.

NIN 8-17

Sci - Chem
Sep 59

95, 477

Studies on the Preparation of Acrylic Acid From
Maleic Acid, by Y. Ogata, K. Tsunemitsu, R. Oda,
7 pp.

JAPANESE, per, Bull Inst Phys Chem Research (Tokyo),
Chem Ed. Vol XXIII, 1944, pp 281-283.

CIA/FDD XX-378

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - *chem*

Jan 58

IAC INTERNAL USE ONLY

57,578

Diseases of Fish and Shellfish, by
Tsunenobu Fujita.
JAPANESE, bk, Gyokai no Shippai, 1943,
227 pp.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-30-July 1969-No 35

On Loan

CFSTF TT 63-50603
Tsunenobu Fujita

Sci-B&M

Nov 69

49
397,258