

A Study of Subversive Organizations in  
Indonesia by Dr. Mohammad Hadi-Djajakusuma  
Added to the SO-DO Type, by E. Radcliffe, Jr.  
Indonesia, 1950  
Political Party, Indonesia, Vol. 53, 1954,  
No. 3, pp. 272-280  
CIA 50-01-16254

J. Paulignier

B61 - N60  
July 67

330,000

GREEK SOCIALIST LEADER'S ANALYSIS, NIKOLAOS  
DIM. POULOPOULOS, 9 PP.

GREEK, PER, ELLINIKI AMMARTISIA, OCTOBER-  
NOVEMBER 1962, PP 4-6.

MIDDLE GREECE

POL.

FEB 63

JPRS 17673

223,373

The Application of Recording Techniques to the  
Production of New Musical Materials and Forms  
Applications to "Musique Concrète", by J. Poullin,  
29 pp.

FRENCH, per, Onde Électrique, Vol XXXIV, No 324,  
1954, pp 282-291.

S.L.A. Tr 57-260

Sci - Physics  
May 57

48, 724

[REDACTED]

The Antihistamines as an Antidote for the  
Histamine-Like Action of Curate Preparations,  
by H. Poulsen, 5 pp.

3 Apr  
SWEDISH, per, Nord Med, Vol XLI, /1949, pp 627-  
632.

SIA Tr 57-292

Sci - Med  
Jul 57

49,984

The Engineers' Association's Project for the Expansion of the Vestkraft Power Plant in 1950-1959.  
by J. Poulsen.

GERMAN, per, Elektroteknikeren, Vol LVI, No 3,  
Feb 1960, pp 60-64. (Call No Tk4 E37, Eng. Tr.)

AMS

EE - Germany  
Econ  
Jul. 60

1020, 2444

[REDACTED]

Trigger Finger, by Kr. Poulsen.

GERMAN, per, Archiv fuer Klinische Chirurgie,  
Vol XCIV, 1911, pp 657-691.

Navy Tr 2934/RMS 598

Sci + Med

Jan 62

181 1577

Chap II. Roentgen-Biologic Characteristics of the  
Tumors Used by P. R. Poulsen, 7 pp.

DANISH, bk, Studie over Tidafaktoren ved Rontgenbe-  
traaling af Cancerteller. 1944, pp 31-94.

NIH

Scientific - Medicine

Feb 54 CPS

9686

Doubly Adjustable Regulating Valve for Radiators  
and Similar Heating Apparatus, by Hadvig, Sven  
Aage Poulsen, A.P.P.

3 0

DANISH, Patent No 77,749.

Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci - Engr

37,589

May 57

[Redacted]

On the Theory of Hydration of Ions in Aqueous  
Solutions (In Connection With the Experimental  
Results Obtained by R. E. Connick and R. E.  
Poulson, by O Ya. Samoilov, 5 pp.

RUSSIAN, per, Journal Fiz Khim, Vol XXXIII,  
No 11, 1959, pp 2631-2632.

OTB 62-14551

Sci  
Apr 63

229, 285

Pousson, E.  
THE COCAIN GROUP: GENERAL EFFECTS. [1963]  
[23p] (figs omitted) 138refs  
Order from SLA \$2.60

TT-63-20099

Partial trans. (excerpts of p. 127-140, 142-147,  
169-170) of Handbuch d[er] Exper[imentellen] Pharma-  
kologie (Germany) 1924] v. 2, pt. 1, p. 103-178.

DESCRIPTORS: \*Local anesthetics, Toxicity, Brain,  
Spinal cord,

TT-63-20099

- I. Title: Cocaine
- II. Pousson, E.
- III. Hefter, A.

(Biological Sciences--Pharmacology, TT, v. 11, no. 2)

Office of Technical Services

Pourmailloux, Marcel and Crouzat, Jean.  
THE SOCIAL DANGER OF TOBACCOISM. [1962]  
11p.  
Order from K-H \$13.75

K-H 5525-d

Trans. of la Presse Médicale (France) 1956 [v. 64]  
no. 47, p. 1097-1098.

DESCRIPTORS: \*Tobacco, Smokes, Cigarettes,  
\*Toxicity.

(Biological Sciences--Pathology, TT, v. 8, no. 10)

62-22646

- I. Pourmailloux, M.
- II. Crouzat, J.
- III. K-H-5525-d
- IV. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

C 2636.6

Office of Technical Services

Pouneau-Delille, Guy and Tramezzani, Jean H.  
HYPOTHALAMIC-OPTHALMIC SYNDROME IN THE  
RAT (EXOPHTHALMOS, CORNEAL ANESTHESIA,  
KERATITIS): THE ACTION OF THYROXINE AND  
ICDIDE. [1963] 3p  
Order from SLA \$1.10

TT-64-14239

Abstract trans. of Ann[ales] d'Endocrinologie (France)  
1960, v. 21, p. 818-[827].

TT-64-14239

- I. Pouneau-Delille, G.
- II. Tramezzani, J. H.
- III. Title Action ...

282,647

Office of Technical Services

[REDACTED]

Thermodynamic Engine for Use in Reactive Propulsion, by  
Serral, Jessie Foun<sup>d</sup>, 9 pp.

SEARCHED, Patent No 1,007,027.

Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci + Engineering  
Jan 59

78,601

On the Weight of Photons, by R. V. Pound, 6 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXII, 1960,  
pp 673-683.

AIP  
Sov Phys - Uspekhi  
Vol III, No 6

Sci

Jun 61

155, 617

SETOC

(NY-4182)

New Wage System in the Ore Mines National  
Enterprise in Pribram, by Jaromir Prouza, Jiri  
Kolarik, 6 pp. FOR OFFICIAL USE ONLY

CZECH, per, Rudy, Vol VIII, No 3, 1960, Prague,  
pp 76-78. (partial)

JPRS 5414

EEur - Czechoslovakia

COPYRIGHT

Econ - Mining, Metallurgy

125,332

Sep 60

[Redacted]  
Handling- and Carrying Contrivance for  
Cane or Like Containers, by O. J. Pouplitch.  
GERMAN, Patent 1 138 892.  
TC-1060

O. J. Pouplitch

Sci-Mech Indus Civ Mar Eng'r  
Nov 10

513,51

[Redacted]

Machine for Debarking Trees and Similar Uses,  
by Marcel Poupon, 11 pp.

FRENCH, Patent No 1,091,890.

Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci - Eng  
Aug 57

50, 503

(SF-1558)

Problems of Air and Water Contamination in Czechoslovakia  
by Bohumil Pour, 4 pp.

SLOVAK, per, Priroda a Spolecnost, Vol I, No 2, 1961,  
pp 8-11.

JPRS 4556

Sci - Med

May 61

152, 596

Pouradier, J. and Venet, A. M.

CONTRIBUTION TO THE STUDY OF THE STRUCTURE OF GELATIN. II. VARIATION OF PHYSICAL AND MECHANICAL PROPERTIES WITH THE MOLECULAR MASS. [1960] 17p. (7 figs. 7 tables omitted) 18 refs.

Order from SLA mi\$2.40, ph\$3.30 61-10410

Trans. of J[ournal de] Chem[ie] Phys[ique] (France) 1950, v. 47, [no. 5/6] p. 391-398.

Measurements were made on homogeneous gelatins obtained by fractionating a commercial gelatin. The intrinsic viscosity of these homogeneous fractions is related to molecular mass by an equation of the type  $[\eta] = KM$ , and which in the special case of fractions extracted from skin gelatin by liming and having an isoelectric point of 4.75 and an average molecular mass of 65,000, becomes  $[\eta] = 1.66 \times 10^{-5} M^{0.885}$ . The melting point of gelatin gels increases with the molecular mass and tends towards a limited value. (Author) (See also 60-10386)

61-10410

I. Gelatins--Molecular structure  
II. Pouradier, J.  
III. Venet, A. M  
III. Title: Variation...

Office of Technical Services  
(Chemistry--Physical, TT,  
v. 5, no. 7)

The Structure of Gelatins, V. Deglycation of  
Gelatin in Isoelectric Solutions, by  
J. Pommier, A. M. Venet, 23 p.

FRANCE, par, Jour Chim Phys, 1952, Vol XLIX,  
No 4, p. 239-244.

SLA 60-10384

Sci  
Apr 60  
Vol III, No 3

112, 118

Tanning of Gelatin by Chromium Alum, I. The  
Effect of Chromium Alum on Physical and Mechanical  
Properties, by J. Poumadier, J. Roman, 37 p.

FRENCH, per, Soc Chim Bull, 1952, Vol XIX, No 11/12,  
pp 928-937.

SLA 60-10<sup>3</sup>28

Sci.  
Apr 60  
Vol III, No 3

112, 119

The Structure of Gelatin I. State of Dispersion  
of Gelatin in Solution, Molecular Weight, Viscosity,  
and Fractionation, by J. Pournadier, A. M. Venet,  
18 p.

PARIS, par, Jour Chim Phys , 1950, Vol XLVII,  
No 1/2, pp 11-20.

SLA 60-10386

c  
541  
Apr 60  
Vol III, No 3

112, 116

The Structure of Gelatine, IV. Comparison of  
Gelatine from Different Origins, by J.  
Fourcassié, A. M. Venet, 24 p.

FRANCE, per, Jour Chim Phys, 1952, Vol XLIX,  
No 3, pp 85-92.

SLA 60-10385

Sci  
Apr 60  
Vol. III, No 3

112, 117

The Solubility of Gelatin in Colic Water, by  
Jacques Pouradier, 4 p.

FRENCH, per, Comptes Rendus, 1960, Vol CCXXX,  
No 16, pp 1466-1467.

SLA 60-10378

112, 115

Sci  
Apr 60  
Vol III, No 3

The Corrosion of Metals and Alloys and its  
Prevention, by M. Pourbaix.

German, per, Corrosion et Anticorrosion,  
Vol IX, No 2, 1961, pp 47-62.

CBIB 2532

222,50!

Intensiostatic and Potentiostatic Methods.  
Their Use to Predetermine the Circumstances for  
Corrosion or Non-Corrosion of Metals and  
Alloys, by M. Pourbaix, P. Vandervelden, 40 pp.

FRENCH, per, Corrosion et Anticorrosion, Vol IX,  
No 11, 1961, pp 341-356; Vol IX, No 12, 1961,  
pp 385-395. 9087622

HW-TR-36

200, 907

Sci - Chem

Jun 62

Pourbaix, Marcel.  
STUDY OF SCALE-REMOVING PROCESSES. [1961]  
[17]p. (4 figs. omitted) 15 refs.  
Order from SLA \$1.60

61-14934

Trans. of unidentified mono. (paper) from Conference  
on the Study of the Scale-Removing Processes [held at]  
Brussels U., 5 Nov 48.

DESCRIPTORS: \*Scale, Countermeasures, Corrosion.  
inhibition.

61-14934

I. Pourbaix, M.

Properties of Semiconductor Crystals: Action  
of Stripping Gases on Wafers, II, Electrons,  
or a Stripper/etching System, by J. Miller,  
J. Furbush, J. C. Johnson, 1970.  
PHOTO, per, Sumario da Reunião de Coop.  
Produção. Comissão Técnica das Expos., Vol 12,  
1970, pp 37-38.

(REF ID: A 8)

J. Furbush

237

Date - 10-6-81

File# - 11

Fundamental Research on Corrosion and  
Applications, by M. Pourbaix.

FRENCH, np, Brussels, Belgium, 14-17 Oct 1959.

\*AEC

Sci - Min/Met

May 60

The Corrosion of Iron in Caustic Soda Solutions,  
by M. Pourbaix, 40 pp.

FRENCH, per, Document du Bulletin Technique  
A, T. Br. 1946, no 67-30; 1947, no 109-120.

(Local Copy Only)

0  
SIA 57-3212

Sci

Aug 56

Applications of Electrochemistry to Investigations  
in Corrosion, by Marcel Pourbaix, 13 pp.

GERMAN, per, Werkstoffe und Korrosion, Vol V,  
No 11, 1954, pp 433-440.

A.E.R.E. Harwell Tr 524

Sci - Electricity, Chemistry, Minerals/Metals,  
31,962

Theory of the Functioning of Cartridge Cases During Firing, by L. Pourquier, 14 pp.

FRENCH, per, Memorial de L'Artillerie Francaise,  
Vol XXIX, No 2, 1955, pp 333-345. CIA 100-24711

OIN Tr  
S.L.A. Tr 1275

WSur - France  
Military  
Press

44,211

Rapid Determination of Isodoses From Wedge Filters  
by Film Density Readings From a Telecobalt Therapy  
Unit, by H. Poirquier, P. Leimbardt, L. Danyach, 4 pp.

FRENCH, per, Journal de Radiologie, Vol XXXVIII, No 3-  
4, Mar-Apr 1957, pp 282-284.

RIM/Tr 11-22

Sci - Med  
Dec 57

55, 779

Meningo-Encephalitis Induced by Intra-Cranial Administration of Typhoid Endotoxin in Susceptible Guinea-Pigs. Its Variations According to the Time of the Preceding Experimental Infection, by Y. Poursinnes, J. Bréhic, Grebus & Mlle A Salignon, 6 pp.

FRENCH, par, Comptes Rendus, Soc Biol, Vol CXLVI, No 17-18, Sep 1952, pp 1365-1367.

NH

9424

Scientific - Medicine  
CTS/DMX

PROVISIONAL INDUSTRIAL COUNCIL FOR NUCLEAR  
ENERGY, BY J. W. POUS, 3 PF.

DUTCH, PER, ELECTROTECHNIK, VOL XL, NO 9, 1962,  
P 228, CALL NO TK4 351, ENG TRANS.

ARMY MAP SERVICE

WEEUR-DUTCH  
ECON.  
SCI-PHYS  
30 AUG 62

207,816

Not Deformability of Steels and Alloys Using  
Tensile Test, by R. Castro and P. Poussardia  
POLISH per. Circ. Inf. tech. Centre Docua. Sider-  
urg Vol 19 No 2: 505-27, 1962  
CRL/9 674

Sci-mat  
July 69

385.796

<p>Vallee Poussin, C. de la. READINGS ON THE APPROXIMATION OF FUNCTIONS OF ONE REAL VARIABLE: PREFACE AND INTRODUCTION. [1961] [16]p. 2 refs. Order from SLA \$1.60                            61-20431</p> <p>Partial trans. of mono. Collection de Monographies sur la Théorie des Fonctions, v. 9: Lecons sur l'Approximation des Fonctions d'une Variable Réelle, Paris, 1952.</p> <p>DESCRIPTORS: *Real variables, *Functions, Numerical analysis, Polynomials, Trigonometry.</p> <p>(Mathematics, TT, v. 7, no. 1)</p>	<p>61-20431</p> <p>I. Vallee Poussin, C. de la II. Title: Lecons...</p> <p>Office of Technical Services</p>
--	---

Application of Loaded Plate Method on the Study of  
Surfaces, by J. Pouyol.

FRENCH, por, Vol XI, 1950, pp 83-87.

REFDOC-21965

Sci

Aug 59

93,692

Pouzeau, P., ed.

TUNGSTEN CARBIDE TIPPED TOOLS (Les Outils à  
Mèche Rapportés en Carbure de Tungstène). [1962]  
[110]p.

Order from SLA \$9.10      62-20191

Trans. of Centre Technique du Bois [Paris]. Cahier  
(France) 1959, no. 37, p. 2-36.

DESCRIPTORS: \*Tungsten compounds, \*Carbides,  
\*Carbide tools, \*Circular saws, \*Molding, Drills,  
Mechanical properties, Hardness, Brittleness, Grain  
structures (Metallurgy), Design, Operation,  
Maintenance, Cutting tools.

Contents:

General remarks on the characteristics of the tools and  
their rational utilization

Moulding tools

(Machinery--Manufacturing, TT, v. 9, no. 12 (over)

62-20191

I. Pouzeau, P.

1640070

Office of Technical Services

Wolfram Carbide-Tipped Tools, by H. Fournier,  
(Editor) 34 pp.

French, par, Cahiers du Centre Technique du  
Bois, No 37, 1959, pp 2-30.

CS 40 Pr 3142

Sci - Eng  
Rev 61

174/367

The Military Decisions of Imperialism,  
by M. Pissis,  
RUSSIAN, in, Krasnaya Zvezda, 8 Oct 1964, pp 3, 4.  
\*REF ID:

USA:  
B61  
Jewell

Landscape Characteristics of Foci of Crimean Type Hemorrhagic Fever in Astrakhan Oblast.  
(Abstracts of Papers of the 11th Scientific Conference o the Institute of Poliomyelitis and Encephalitides, by T. P. Povalishina,  
RUSSIAN, pp. IN Tick-borne Encephalitis, Kemerovo Tick-borne Fever, Hemorrhagic Fevers, and Other Arbovirus Infections.  
Moscow, 1964, pp 278-281.

LIBR MII 2-81-66 (On Loan)  
CFSTI AD-660 158

Sci/RBM  
Apr 66

298,835

Parasitological Information on Foci of Incidence of Crimean Type Hemorrhagic Fever in Astrakhan Oblast. (Abstracts of Papers of the 11th Scientific Conference of the Institute of Poliomyelitis and Encephalitis, by T. P. Povalyshina.

Rossini, np, IN Tick-borne Encephalitis, Kemerovo Tick-borne Fever, Hemorrhagic Fevers, and Other Arbovirus Infections, Moscow, 1964, pp 271-274.

REF ID: A6 2-82-66 (On Loan)  
CFSI AD-660 162

Sci/BEN  
Apr 66

298,836

Study of the Sensitivity of the Steppe Lemur  
(*Lagurus lagurus* Pall) to Poliomyelitis  
Virus. -- I. The possibility of Using the  
Steppe Lemming in the Study of Poliomyelitis  
Virus types II and IV, By T. P. Rovalishina,  
L. L. Mironova, 5 pp.

RUSSIAN, per, Vopr Virusol, Vol V, No 4,  
1960, pp 402-406.

PP

156,429

Sci  
Jun 61

The Distribution of Q Fever in the U.S.S.R. (Q  
Fever in the Omsk Oblast), by E. V. Leshchinskaya  
T. P. Rovalishina, S. G. Dragutrov, 3 pp.

RUSSIAN, par., Voprosy Virusologiya, Vol. II, No. 1,  
1957, pp 9-12.

Pergamon Inst

Sci - Med  
Nov 58

77/64

V  
A Logarithmic Audio Frequency Logometer and Its  
Application to Acoustic Measurements, by I. I.  
Klyukin, A. V. Povalyayev, (AF 686638). 11 pp.

RUSSIAN, per, Trudy Komissii po Akustike, Otdel  
Fiz-Matemat Nauk, No 8, 1956, pp 5-11.

APIC F-TB-9037/V

446, 452

Sci - Physics

Shear Strain In Reinforced-Concrete Beams Made  
Of High-strength Concrete by E. Kovalyov.

BUNSTAN, per, Beton I Zhelezocheton, No 1, 1958,  
pp 22-26.

CHINO Tr 4047

Oct. 62

(DC-4700/1)

New System of Bonus Payments to Sailing Crews for  
Haulage Plan Fulfillment and Overfulfillment, by  
N. Povalyayev, 8 pp.

RUSSIAN, per, Morskoy Flot, No 6, 1960, pp 1, 5.

JPRS 6472

UGSR

137, 4-55

Soon

Jan 61

The Hardness of Minerals, by A. S. Povarennykh,  
RUSSIAN, per, Academy of Sciences of the  
Ukrainian SSSR, 1963.

\*CB

A. S. Povarennykh

Mar 67

Optimum Bubbling Point in the Flow of 96%  
Ethyl Alcohol Under Low Bubbling Conditions, by  
P. I. Pavarini, 8pp.  
TRANSAK, INC., Transact, Vol 9, 1952,  
No 12, pp 57-63  
OIG CITE-4-106

P. I. Pavarini

Ref. - May  
May 67

326,560

Some Fundamental Problems in Crystal  
Chemistry and Their Use in Geology,  
by A. N. Povarennykh, 45 p.  
Moscow, publ. Zapiski Vsesoyuznogo Ge-  
ologicheskogo Obshchestva, Vol. LXIV,  
No. 1, 1955, pp. 47-492. 0610376/15.RR 512  
SAC-SR7

52

A. N. Povarennykh

Geology  
Geol  
Geol

205, 71.

Povarennykh, A. S  
HARDNESS OF MINERALS AS DEPENDENT ON THE  
STATE OF CHEMICAL BONDS (Zavisimost'  
Tverdosti Mineralov ot Sostoyaniya Khimicheskot'  
Svyazi). [1962] [7]p. (foreign text included) 4 refs.  
Order from OTS or SLA \$1.10

62-16661

Trans. of Akademiya Nauk SSSR. Doklady, 1962,  
v. 112, no. 6, p. 1098-1100.

DESCRIPTION: "Minerals, Crystals, Hardness."  
"Chemical Physics."

C227536

It is shown that the hardness of minerals depends on the state of the chemical bonds in the crystal lattice. It is shown that the greater the number of covalent bonds per atom, the greater the hardness of the mineral. This is explained by the fact that the greater the number of covalent bonds per atom, the smaller the radius of the atom, which leads to an increase in the radius of the interatomic distances, and with the decrease of the interatomic distances,

On the Process of Limonitization of Iron  
Minerals, by A. S. Povarennykh.  
RUSSIAN, per, Mineralog. Sb., L'vov, Vo 6,  
;952, pp 87-102.  
CRL/T. 2215

A. S. Povarennykh

Sci -  
Jul 67

333,746

A Report on the Work of the Board of Directors of the Leningrad Branch of the All-Union Scientific Society of Neuropathologists and Psychiatrists From December 1954 to January 1958, by K. I. Povarnin, 2 pp.

RUSSIAN, bk, Voprosy Psichiatrii i Nevropatologii, No 4, 1958.

OTS 60-21174  
PL-430

Sci - Med

Apr 62

PST 211

Povarnin, P. I., and Semenov, S. T.  
INVESTIGATION OF THE LOCAL BOILING OF  
SUBCOOLED WATER DURING ITS FLOW AT HIGH  
VELOCITIES THROUGH TUBES (Issledovaniye  
Krasnaya Energetika vody, Nedogretoy do Temperatury  
Nasystchennyj pri Ovazhennii yeye u Bol'shoy  
Skorost'yu v Trubakh). Sep 60 [20]p. 13 refs.

RTS 1526.  
Order from JSC or SLA mif\$2.40, phf3.30 61-13243

Trans. of Teploenergetika (USSR) 1959 [v. 6] no. 4,  
p. 72-79.

Results are considered of an investigation of the local  
boiling of subcooled water during its flow in tubes up  
to 3-mm diameter, the dependence of  $q_{cr}$  on the  
velocity  $w$  and the degree of subcooling ( $\Delta t_d = 0$  to  
 $200^\circ\text{C}$ ) at the pressure of 35 atm abs and  $w = 5.6$  to  
 $45 \text{ m/sec}$ . (Author)

(Physics--Thermodynamics, TT, v. 5, no. 4)

61-13243

1. Boiling--Physical factors
2. Water--Vaporization
3. Pipes--Thermodynamic properties
- I. Povarnin, P. I.
- II. Semenov, S. T.
- III. RTS-1526
- IV. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

Methods of Statistical-Phytosociological  
Analysis of Forest Associations, by  
N. Konovalov, V. Povarnitsyn.

RUSSIAN, per, Iz Leningradskogo Lesnogo  
Inst, No 35, 1927, pp 69-104.

CSIRO/No 6186

Sci-Agri

Aug 63

341, 959

APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301870071-1

SECRET//NOFORN//COMINT//  
[REDACTED] Analysis of  
[REDACTED] A [REDACTED]

[REDACTED] Intelligence [REDACTED]  
[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]

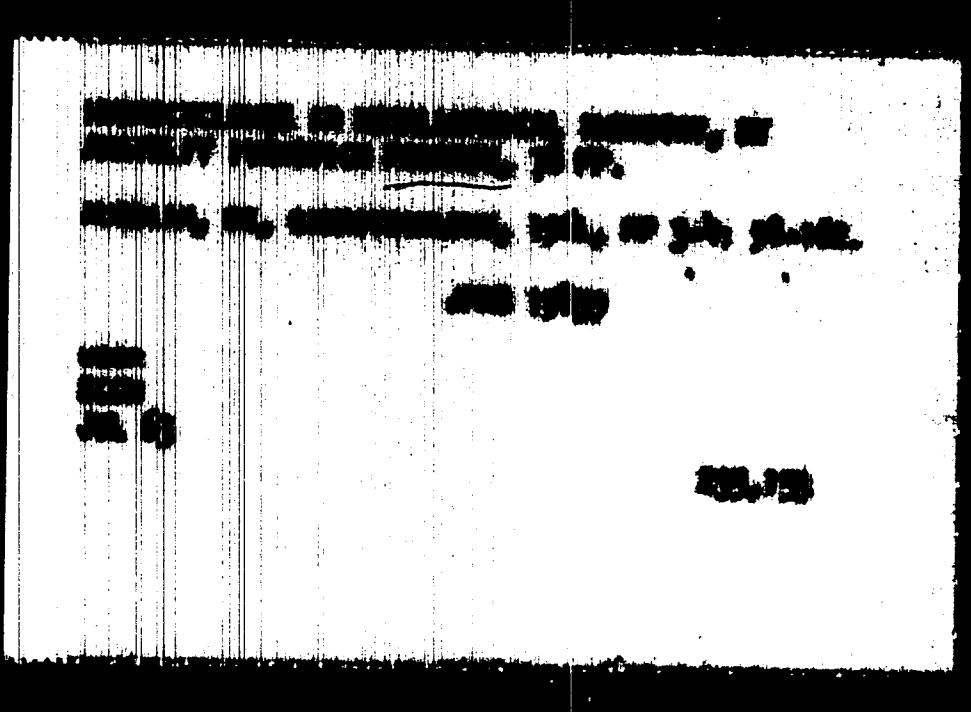
202,007

APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301870071-1

APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301870071-1



APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301870071-1

Polyene Compounds. XV. The Reaction of 2-Phenyl  
-1,3-Dioxolane with Vinylethyl Ether, by E. M. Mikhailo  
and L. S. Povarov, 6 pp.

RUSSIAN, *per*, Zhur Obshch Khim, Vol XXXII, No 2,  
1962, pp 446-451.

CB

Sci

234 012

Feb 63

Service for Mechanizing Lines. In: Sov. Nauk. i Tekhn. Sistem. v. 4. By V. V. Pen'kov, A. P. Povarov. B. M.

presslan, as per, Izmeritel. Tekh. No 5, 1961.  
pp. 2, §.

10A

421

1801, 326

Spec 60

(NY-3257).

Logical Synthesis of Electronic Computing and  
Controlling Circuits, by G. N. Povarov, 9 pp.

RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow,  
1959, pp 406-414.

JPRS 2220

Sci 60 Miss - Math

11,046

To The Mathematical Theory of the Synthesis of  
(1,k) -Terminal Switching Networks, by G. N. Pevarov

RUSSIAN, ser, Dok, AN USSR, Vol. III, N . 4,  
1956, pp. 12-14. 5093c39

MFD-P-127

Povarov, G. N.  
TO THE MATHEMATICAL THEORY OF THE  
SYNTHESIS OF  $(1, k)$  TERMINAL SWITCHING  
NETWORKS. [1961] [6]p. 5 refs. MDF P-127,  
Order from OTS or SLA \$1.10 (2-33210)

Trans. of Akademiya Nauk SSSR, Doklady, 1956,  
v. 11, no. 1, p. 102-104.

DESCRIPTORS: \*Switching circuits, Circuits,  
\*Electrical networks, Synthesis, Special functions,  
Theory.

Physical concepts in the construction of  $(1, k)$ -terminal switching networks are explained. These theorems permit the number of switches in  $(1, k)$ -terminal switching networks to be estimated for large  $k$ . (See also 62-11409) (Author)

(Engineering-Electrical, TT, v. 8, no. 10)

62-33210

- I. Povarov, G. N.
- II. MDF P-127
- III. Friedman, Morris D., Inc.,  
West Newton, Mass.

62-33210

Office of Technical Services

(NY-3251).

Logic and Automation, by G. N. Povarov, 16 pp.

RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow,  
1959, pp 300-314.

JPRS-2222-N

Sci - Misc - Math

Feb 60

107984

To the Mathematical Theory of the Synthesis of  
(1,k) - Terminal Switching Networks, by G. N. Povarov,  
5 pp.

RUSSIAN, per, Dok Ak Nauk, Vol 197, No 1, 1956,  
pp 102-104.

SIA  
Morris D. Friedman P-127

Sci

May 58

63,123

[REDACTED]

On Group Invariance of Boolean Functions, by G. N.  
Povarov, 7 pp.

RUSSIAN, per, Anal. Stiint. Univ. "Al. I. Cuza"  
din Iasi (New Series) Sec. I (Math., Phys., Chem.),  
Vol. IV, No 1, 1958, pp 39-44.

MDF - P-147  
FDD X-4496

Sci - Electronics

Nov 60

131, 833

[REDACTED]

Matrix Methods of Analyzing Relay-Contact Circuits  
in Terms of the Inoperative Condition, by  
G. N. Povarov.

RUSSIAN, per, Avtomat i Telemekh, Vol XV, No 4,  
1954, pp 332-335.

Morris D. Friedman T P-129

May 58

63,213

On a Method of Analysing Symmetric Switching  
EE Circuits, by G. N. Povarov.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVI,  
No 4, 1955, pp 364-365.

Morris D. Friedman /

Sci - Engineering

37,898

Aug 1956

(NY-6463)

A New Look at Cybernetics, by G. N. Povarov,  
67 pp.

RUSSIAN, per, Priroda, No 10, 1960, pp 78-80.

JPRS 9784

Sci - Misc  
Aug 61

16 3 11 3

The Geometry of Boolean Functions and Self-correcting Coders From the Point of View of the Erlangen Program, by G. N. Povarov, 3 pp.

RUSSIAN, per, Problemy Peredachi Informatsii,  
No 10, 1961, pp 35-41, 9678819

FTD-IT-62-808

Sci-Engr  
Dec 62

217, 641

On the Study of Symmetric Boolean Functions From  
the Relay-Switching-Circuit Theory Viewpoint,  
by G. N. Povarov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 2,  
1955, pp 183-185.

MDF P-121

Sci. - Phys  
Jul 61

101, 393

on the Functional Separability of Boolean  
functions, by G. N. Povarov, 4 pp.

SSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,  
5, 1954, pp 801-803.

MDF P-118

1 -  
1 561 Phyp

161, 394

On the Synthesis of Multi-Terminal Switching Networks, by G. N. Povarov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,  
1954, pp 1075-1078.

MDF P-122

Sci ... Phillips  
Jul 61

161, 395-

Mathematical Theory of the Synthesis of (l,k)  
Terminal Contacts, by G. N. Povarov, 7 pp.

RUSSIAN, per, Dok Akad SSSR, Vol C, No 5, 1955,  
pp 909-912. CIA D 450372  
*Ak Nauk*

Morris D. Friedman  
\$3.50

Sci-Math

26,847

Sep 1955 CTS/DEX

Polyene Compounds. XIV. Synthesis of Monoarylated  
Polyene Hydrocarbons, by L. S. Poverov, E. M.  
Mikhailov, 3pp.

RUSSIAN, per Zhur. Obshch. Khim.,  
Vol. XXXI, No. 1, 1961, pp. 167-169

CB

Sci

Mar 62

192, 258

Polymer Communication 6. Synthesis of Methyl Derivatives of  $\alpha$ ,  $\omega$ -Diphenyl Polyene Hydrocarbons,  
by B. M. Mikhailov, L. S. Povarov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11,  
1959, pp 1948-1953.

CB

Sci -  
May 61

153, 082

Polyenes. Communication 5. Synthesis of Unsymmetrical Diaryl Polyenic Hydrocarbons, by B. M. Mikhailov, L. S. Povarov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1959, pp 839-842.

CB

Sci -  
May 61

153,250

Polyene Compounds. VII. Reactions of Some Novel and  
Unsaturated Ethers, by B. M. Mikhailov, L. S. Potekhina,  
4 pp.

RUSSTAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1959,  
pp 2079-2082.

Consultants Bureau

Sci - Chemistry

122, 032

Preparation of Compounds With Silthiane-Carbon  
Links, by N. S. Nametkin, A. V. Topchisov, L. S.  
Povarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 2,  
1957, pp 245-248.

Consultants Bureau

Sci - Chem

Oct 58

74, 399

Polyenes. Communication 3. New Method for the  
Synthesis of Diaryl Polyenic Hydrocarbons, by B. N.  
Mikhailov, L. S. Povarzuk. 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1959, pp 314-319.

Consultants Bureau

Sci + Chem

Apr 60

113,206

Condensation of Benzaldehyde Diethyl Acetal with  
Ethyl Vinyl Ether, by B. N. Khailov, L. S. Povarov,  
5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Nauk Nauk,  
No 10, 1957, pp 1239-1244.

Consultants Bureau

Sci - Chem

May 59

88, 052

by  
Synthesis of Compounds With Silazine Links, N. S.  
Kanethkin, A. V., Topchiev, L. S. Povarov, G. V.  
Gornishevskaya, 4 pp.

Consultant & Bureau

Sci. - Chem

Dec 57

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CLX,  
No 4, pp 787-790, Jul/Aug 1956.

56, 650

Synthesis of Organosilicon Compounds of the Type of  
Bis (Tetramethyldisiloxane)methane) cyclodioxide, by  
A. V. Topchiev, N. S. Eanetkin, L. S. Povarov, I. D.

RUSSIA, thirce-no per, Dok Ak Nauk SSSR, Vol CLX,  
No 2, pp 332-335. Jul/Aug 1956

Consultants Bureau

Sci. - Chem

56, 626

Dec 57

On Some Anomalous Forms of Polarization Curves on a  
Dropping Mercury Electrode, by N. V. Nikolayeva-  
Fedorovich, Yu. M. Povarov, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 6,  
1959, pp 663-667.

CB

Sci

Sep 60

127,772

Certain Regularities in the Properties of  
Solutions of Strong Electrolytes, by A. I.  
Gorbunov, Yu. M. Kesseler, Yu. N. Povarov,  
E. S. Sevcet'yanov, 4 p.

RUSSIAN, per, Dok Akademii Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1281-1284.

Consultants Bureau

Sci

Apr 60

114 975

An Investigation into the Thermodynamic Properties of Solutions of Strong Electrolytes in Solvents with High Dielectric Constants,  
by Yu. M. Povarov, Yu. N. Kessler, et al., 3 pp.  
RUSSIAN, par, Dok Ak Nauk SSSR, Physical  
Chemistry, Vol. CLV, No 6, Mar, Apr 1964,  
pp 1410-1414.

CB

8 ci.  
May 65

The Phase Diagram for the Rhenium-Molybdenum System, by E. N. Savchenko, M. A. Tyurkina, K. B. Povarova, S. G.

RUSSIAN, pub., Zvezd Neorg Khim, Vol. 13, No. 2, 1959, pp 424-434.

Clayton-Hause Press Ltd.  
London

Sci - Cof Ctr  
Jan 60

J.W.S.P.