

Instruments for the Quality Control
of Flowing Products, by F. S. Kriem,
5 pp.

RUSSIAN, per, Pribozostroyeniye,
No 2, 1959, pp 25-27.

AMS-49L36R
ATS/RJ-2474

Sci
Mar 62
Vol IV, No 2

188,846

(NY-3819).
D. R. Merkin,

On the Theory of Self-Exciting Gyroscopes, 5 pp.

RUSSIAN, per, Prihorostroyeniya, No 3, 1959,
pp 21-24.

JPRS 2644

Sci. Phys., March
May 60

117,419

A Digital Recorder for Pulse-Time Signals, by V. L. Slavinski,

RUSSIAK, par, Pribrastroenie, No 4, Apr 1959, pp 7-9.

**Internatl Physical Index
Automation Express
Vol I, No 10**

Sci

Aug 59

93, 869

Determining the Electric Parameters of AC Conductors
for Aircraft, by M. V. Gutovskiy, A. V. Kamenskiy,
4 pp. UNCL

RUSSIAN, per, Izobrosteniya, No 4, 1959,
pp 20, 21.

ATTC MEL-282/III

Sci - Electricity, Aero

May 60

Telecom 41637

116,444

(NY-2900/2).

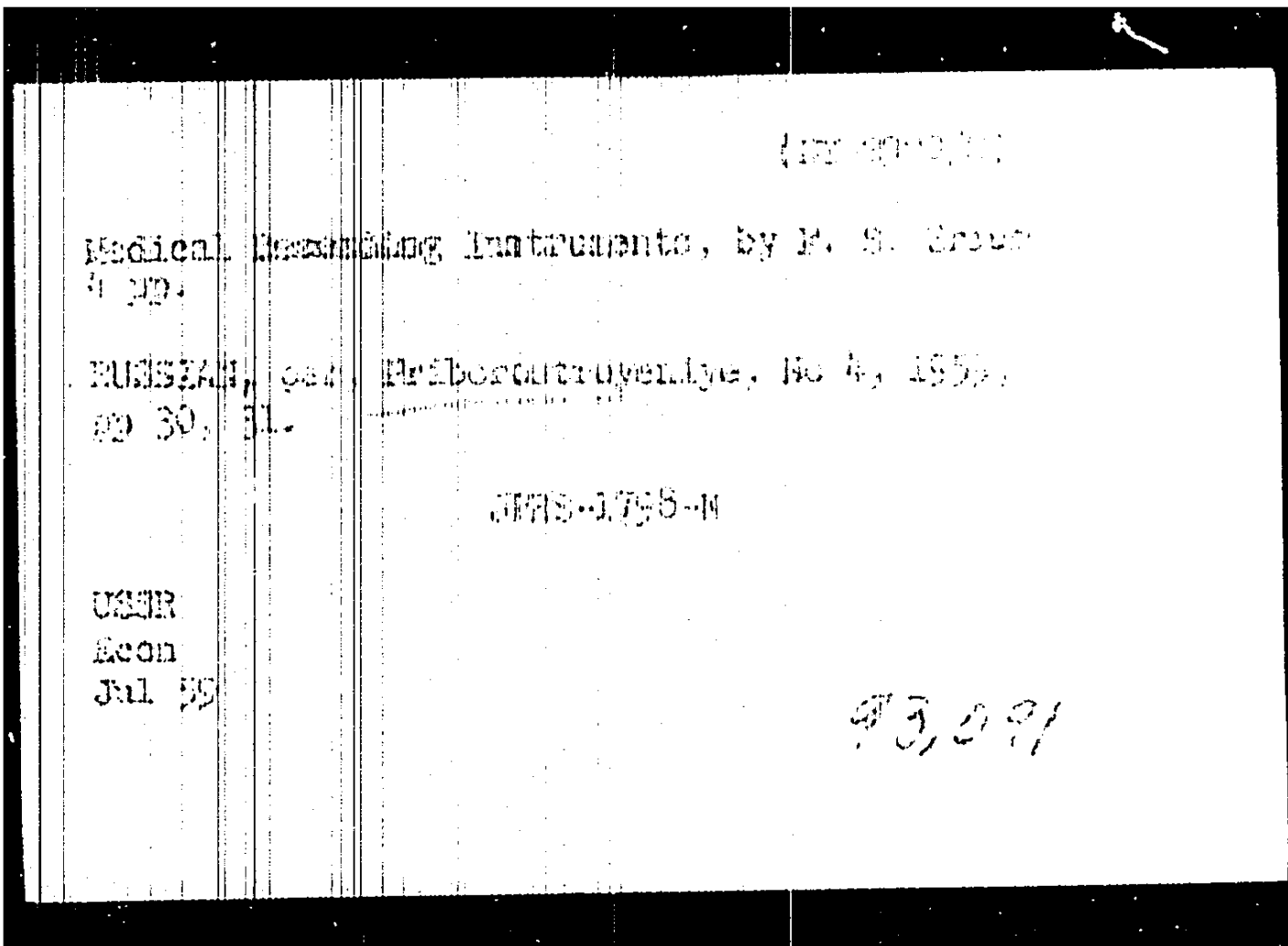
Hydroastrolological Instrument / ^{S/} ~~RU~~ ~~RUSSIAN~~, by
A. B. Reffer, 5 pp.

RUSSIAN, per, Priborostroyeniye, No 4, 1959,
pp 26-28.

JPRS-1793-N

USSR
Econ
Jul 59

93,098



New Acoustic Method of Flaw Detection and
Some Results of Its Application, by Yu. V.
Lange.

RUSSIAN, per, Priborostroyeniye, No 6, 1959,
pp 23-25.

TIL T 5084

137,382

Sci - Engr

Jan 61.

Pneumatic Continuous-Action Computer, by N. D. Lanin,
12 pp.

RUSSIAN, per, Priborstroyeniye, No 7, 1959, pp 3-6.

~~FDB/X-4024~~

~~254.4.4.51-5867~~

Sci - *W. S. Johnston*
Jan 60

Semiconductor Amplifier for Electronic Automatic Bridges
and Potentiometers, by A. V. Yerofeyev, A. A. Lukin,
13 pp.

RUSSIAN, per, Priborstroyenie, No 7, 1959, pp 11-14.

44-24
FDD/X-1115

NSA/IA 50-58157

Sci
Jan 60

Top Most Important Material.

RUSSIAN, DIT, Priboro-stroyeniye, Moscow,
Aug 1959, pp 1-3.

USSR, Economic, Technological, Instrument
Making Industry

POD/USER Electronic and
Precision Equipment (16)

USSR
USER
ECON.

110, 354

(NY-2900/7).

Standardization Prerequisites for the Rapid Mastery
of New Products in Instrument Building, by V. I.
Goncharov, 9 pp.

RUSSIAN, per, Prihorostroyeniye, No 8, 1959,
pp 22-25.

JPRS 2258

109,854

USSR
Econ - Technological - Machinery and Instruments
Mar 60

Methods of Calibrating Gas Analyzers for
Determining Microconcentrations, kby M. T.
Borok, 5 PP.

RUSSIAN, per, Priborostroyeniye, No 4,
1960, pp 23-26.

ERDL, Ft Belvoir
T-1082

Sci
Jun 61

~~NY-2900/18~~

NY-2900/18)

Conference on Digital Electrical Measuring Instruments,
by B. I. Zaytsev, 2 pp.

RUSSIAN, per, Priborostroyeniye, No 4, 1960, p 29.

JPRS 5529

USSR

Econ-Tech

20 Jun 60

Methods of Calibrating Gas Analyzers for
Determining Microconcentrations, kby M. T.
Borok, 9 pp.

RUSSIAN, per, Priborostroyeniye, No 4,
1960, pp 23-26.

ERDL, Ft Belvoir
T-1082

Sci.
Vol 61

158,036

(NY-2900/18)

New Instruments Planned for Series Production in
1960, by I. I. Gur'yakov, 8 pp.

RUSSIAN, per, Priborostroyeniye, No 5, 1960,
pp 29-32.

JPRS 5529

USSR

Econ - Tech

Sep 60

125,720

Experiences in Measuring the Thickness of Ice
With Forms on the Inside Walls of the Main ~~PIPE~~
Pipeline, by M. P. Suslov, *2 pp.*

RUSSIAN, per. Priborostroyenie, No 1, 1963,
p 25.

ACSI I-2389

ID 2229432

319th MI Bn

Sci - Engr

8 Apr 68

Quelques problemes de la theorie des α jauges
d'epaisseur - β pour les mesures de revetements,
by G. G. Iordan, Yu. M. Ovchinnikov, 16 pp.
RUSSIAN to FRENCH, per, Priborostroenie URSS, No 3,
1963, pp 7-10.

Reverse Translation
CEA-R-1763

Sci
Feb 65

Coordination of Activities in the Field of
Electronic Measuring Instruments, by V. A. Hornets,
6 pp.]

RUSSIAN, per, Priborostroyeniya, No 4, 1963, p 29.
9685515

FID-TR-63-570

Sci.-Electronics

Sep 63

343,562

BASIC DIRECTIONS IN RELIABILITY THEORY, BY
N. G. BRUYEVICH, V. GRABOVETSKIY, 11 PP.

RUSSIAN, PER, PRIBOROSTROYENIYE, NO 8, 1963, PP 3-6.

JPRS 21923

SCI-ENGR
NOV. 63

242,319

**Electrodeless Nickel Plating in
Oxalate Solutions, by V. N. Brusentsova
and D. V. Pletnev.**

**RUSSIAN, Priboroeniye, 1963, No 8,
pp 21-23.**

HLL 5828.4 1964 (5511) (On Loan)

Aug 65

286,942

Application of a Binary-Decimal Code in Digital
Reading in a Code-Pulse Telemetry System, by
N. I. Kalatuzishvili, K. N. Slovinskiy, 7 pp.
RUSSIAN, par. Priborostroyeniye, No 9, 1963,
pp 18-19. 9699088
FTE-TT-64-302

Sci - Math & Data Proc
Jul 64

263,459

PROBLEMS IN INDUSTRIAL INSTRUMENTATION, 10 PP
RUSSIAN, PER, PRIBOROSTROYENIYE, NO 11, 1963,
PP 1, 2.

JPRS 22397

SCI-ENGR
DEC 63

244,735

Elementary Principles in Pneumatics, by
T. D. Berends, 14 pp.
RUSSIAN, prent, Priborostroyeniye, No 11,
1963, pp 3-8.
JPRS 24950

Sci - Phys
Jun 64

260,753

Analysis of Differential Electromagnetic Elements for
Automatic Control Systems, by N. P. Kozlov,
I. M. Krassov, et al, 12 pp.
RUSSIAN, per, Priborostroyeniye, No 1, 1964, pp 5-8.
JPRS 24226

Sci-Engr
Apr 64

254,731

Some Problems of Control System Theory, by
N. P. Kolpakova, 9 pp.
RUSSIAN, per, Prihorostroyeniye, No 1, 1964, pp 9-11.
JPRS 24226

Sci-Engr
Apr 64

254,732

A Contactless Control Ring Relay Switch, by S. V. Volzhin,
V. I. Minayev, et al, 9 pp.
RUSSIAN, per, Priborostroyeniye, No 1, 1964, pp 11-14.
JPRS 24226

Sci-Engr
Apr 64

254,733

The APP-1 Automat, by G. A. Matsiyevskiy, 9 pp.
RUSSIAN, per, Priborostroyeniye, No 1, 1964, pp 14-17.
JPRS 284226

Sci-Engr
APR 64

254,734

The Use of Self-Recording Devices for Programmed
Control, by K. V. Artamonov, 5 pp.
RUSSIAN, per, Priborostroyeniye, No 1, 1964, pp 25, 26.
JPRS 24226

Sci-Engr
Apr 64

254,735

~~S-244/64~~

All-Union Conference on Pneumohydraulic Automation.
~~(SF-3067)~~

RUSSIAN, per, Priborostroyeniye, No 1, 1964, pp 30-31.

JPRS 24226

Sci - Engr
Mar 64

Second All-Union Scientific Technical
Conference on Microconductor and Resistance
Devices, by N. R. Berman, 1 p.
RUSSIAN, per, Priborostroyeniye, No 3, 1964,
p 29, 9223852
DSI Tr 861

Sci
Oct 64

Differentiation Circuits For Amplitude-
Modulated Signal Envelopes, by V. I. Anisimov,
Yu. F. Likhodiyskiy.
RUSSIAN, 1964, Priboestroenie, Vol VII, No 5,
1964, pp 41-46. P200080666
NSIC-583

Sci-Electronics and Electrical Eng
Nov 64 312,294

Instruments and Apparatuses for Biological Research
and Medical Diagnosis, Progressive Scientific-Technical
and Productive Experience, 47 pp.
RUSSIAN, Zhurnal Priboy i Apparatura dlya Biologich-
eskikh Issledovaniy i Meditsinskoy Diagnostiki,
Peredovoy Nauchno-Tekhnicheskiy i Proizvodstvennyy
Opyt, MOSCOW, No 7, 1962, pp 1-28.
JPRS 25587

Sci - E & M Sci
Aug 64

254,735

Equipment and Apparatus for Determining Rock
Pressures, by Sh. M. Bilikov.
RUSSIAN, bk, Pribory i Apparatura Dlya Iasled
Proyavleniy Gornovo Davleniya.
Dept of Interior
TN7 E57 No 733

Sci - Engr
Apr 64

254,629

Reversible Tracking System for Transmitting Power
and Migrations on Distance, by E. G. Sirazitdinov,
D. I. Zubkov.

RUSSIAN, rpt, Pribory Avtomatiki i Vychislitel'noy
Tekhniki, Postupila v Redaktsiyu t.1.61 g., pp 34-46.

*FTD-TT-62-531

Sci - Electron

11 Apr 62

Instruments for the Automation of Production Processes,
by Yevgeniy Mikhaylovich Dobrynin,

RUSSIAN, bk, Pribory Avtomatizatsii Proizvodstvennykh
Protsessov, 1960, 193 pp.

*PL 480

CTE 61-3-7-2

USSR

Econ - Technological - Instrument Making

16 Jun 61

Automation Equipment for Industrial Processes,
by E. M. Dobrynin, 129 pp.

RUSSIAN, bk, Pribory Avtomatizatsii Proizvodstve-
nnykh Protseessov, 1960, 9068478

196 pp.
OTS 61-31202
PL-480

Sci - Engr
Nov 62
PST 799

215,297

Device for the Bacteriological Analysis of Air,
by Yu. A. Protov, 8 pp. UNCLASSIFIED

RUSSIAN, pamphlet, Pribor Dlya Bakteriologicheskogo
Analiza Vozdusha, Leningrad, 1955, pp 1-12.

US JPRS 100-121
(DC-1055)

Sci - Med
May 58

63, 959

Device for Pulse-Tests of Microthin Alloy Cores,
by V. G. Mikhelev, L. L. Mokhel, 28 pp.

RUSSIAN, mono, Pribor dlya Impul'snykh Ispytaniy
Mikrotonnykh Serdechnikov, Moscow, 1961, 30 pp. 26

*FTD-TT-63-155

Sci
Jul 63

Device for Pulse-Tests of Microthin Alloy Cores,
by V. G. Mikhalev, L. L. Mekhel', 28 pp.

RUSSIAN, etc., Pribor Dlya Impul'snykh Ispytaniy
Mikronnykh Serdechnikov, Moscow, 1961, pp 1-30.
9069776

FTD-TT-62-1865

8 1-Engr

Aug 63

342,065

A Device for the Measurement of Sweat
Secretion, by B. D. Morozov.
RUSSIAN, bk, Pribor Dlya Issledovaniya
Potootdeleniya, pp 119-120.

ACSI J-6268

ID 2204000269

Sci-B&M

Mar 69

377,518

(NY-6124)

Instrument Making and Measurement Techni-
ques, by A. N. Gavrilov, 925 pp.

RUSSIAN, bk, Priborostroyeniye i
Izmeritel'naya Tekhnika, 1960, pp 1-463.

JPRS 15074

Sci - Engr
Dec 61

176,354

A Device for the Determination of Core Frequency Properties in the Remagnetisation Process Along Hysteresis Symmetric Cycles Close to a Limiting Hysteresis Loop, by E. F. Berezhnoy

RUSSIAN, bk, Pröbor Dlya Opredeleñiya Chastotnykh Svoyste Serdechnikov Pre Neremagnichiyenii Po Simmetrichnym Píkham Gisterezisa Vlizkim K Predel'nym, ITM i VT AN SSSR, Moscow, 1962, pp 1-16 .

Sci - Phys
Dec 62

*FTD-TT-62-1870

Effect of Temperature of Medium on Amplification
Factor of Photoelectronic Multiplier, by
Ye. L. Stolyarova, G. M. Suchkova, L. S. Nesterova,
7 pp.

RUSSIAN, per, Pribory i Metody Analiza Izlucheniya,
Moscow, Inzhenerno-Fizicheskiy Institut, No 2,
1960, pp 137-143. 9667819

FTD-TT-62-1515

Sci-Electronics
Mar 63

(8F-1458)

Chapter III. Measurement of Humidity From an
Airplane Using a Condensation Hygrometer, by V. A.
Zaytsev, A. A. Ledokhovich, 21 pp.

RUSSIAN, bk, Pribory i Metodika Issledovaniya Oblakov
a Samoleta, 1960, pp 40-58.

JPRS 4434

Sci Geophys

Apr 61

147, 267

Instruments and Methods for the Investigation of
Clouds by Airplane, by V. A. Zaytsev, A. A.
Ledokhovich.

RUSSIAN, bk, Priborii i Metodika Issledovaniya
Oblakov s Samoleta, Leningrad, 176 pp., 1960.

*PL-480

Weather Bureau

Acc. - [unclear]
Mar 63

(SF-1458)

Chapter VI. Measurement of the Water Content of
Clouds and Fogs, by V. A. Zaytsev, A. A. Ledakhovich,
29 pp.

RUSSIAN, bk, Pribory i Metodika Issledovaniya Oblakov
s Samoleta, 1960, pp 106-133.

JPRS 4434

Sci - Geophys

Apr 61

147,268

Instruments and Methods of Radiation Analysis,
(Collection of Articles), 197 pp.
RUBIN, bk. Prilozhy i Metody Analiza
Izluheniy, Moskva, 1962, pp 1-192. 9697433-V
FTD-MT-64-179

Sci-MDcl
Jul 68

263,553

Instruments and Methods of Analyzing Radiations,
by Ya. L. Stolyarova.

RUSSIAN, bk, Pribory i Metody Analiza Izlucheni,
Vypusk 3, Ministerstvo Vysshego i Srednego
Spetsial'nogo Obrazovaniya RSFSR Moskovskiy Inzhenerno-
Fizicheskii Inst, Moscow, 1962, 192 pp.

*FTD-MF-64-179
CIA Internal Use Only

Sci - Phys
Apr 64

~~T/C and book review~~
Instruments and Methods for Investigating Atmospheric
Electricity, by I. M. Inyanitov, 45 pp.

RUSSIAN, bk, Pribory i metody dlya izucheniya
elektrichestva atmosfery, 1957 483 pp.

~~Head~~ Sec

~~Info Div, Lit-Song~~

Aug 58

[Handwritten notes and signatures]

APPROVED FOR RELEASE: 2005/08/30 CIA-RDP91-00772R000301800009-7

Instruments and Methods for Observations
RUSSIAN, bk, Pribory i Metody Nablyudenii
Vol IX, Leningrad, 1963, 396 p.
*PL-480

APPROVED FOR RELEASE: 2005/08/30 CIA-RDP91-00772R000301800009-7

Measuring the Colour and Brightness Temperature of
the Tuiere Zone of a Blast Furnace,
by A. I. Kudnaya, Ya. S. Galvovinskii.
RUSSIAN, per Pribery Prom. Kontrolya i Sredstva
Avionatski (Kiev. Gos. Izl. Techn. Teor. Lit. Ukr, SSSR).
*BISI 3773

3773

Sci/118.11
Apr 65

277,140

Phase Detector with Pulse-Width Modulation,
by V. Yu. Vorobkevich and I. S. Danilyuk, et
al, 12 pp.

RUSSIAN, Doc, Pribery Promyshlennogo Kontrolya
i Sredstva Avtomatiki Doklady i Soobshcheniya,
1963, pp 330-342.

FI.00142766

FPD-IT-65-1538

Sci-Mag, Comm, etc
Feb 67

318,210

Aircraft Instruments, by D. A. Braslavski,
S. S. Logunov. UNCLASSIFIED

Full translation.

RUSSIAN, bk, Pribory na Samolete, 1947, pp 316-327.

ATIC F-TS-7981

USSR
Military - Aircraft

Jan 53 CTS

Reproduction of Electrical Ultra-Low Frequency
Signals From a Magnetic Tape, by A. I. Haydenov.
6 pp.

RUSSIAN, per, Prilozheniye k Sistemy Upravleniya,
No 4, 1968, pp 9-10.

DIR/HID/ATL-23-730-68

sci/ electronics
NOV 69

397,002

The MM-10 Analog Computer, by G. M. Petrov,
V. A. Popov, 10 pp.

RUSSIAN, *mm*, Pribor i Sredstva Avtomatizatsiy.

CIA/FDD X-3683

Sci . Electronics
Sep 59

95,720

Methods and Equipment for Gauging the Heat of
Sublimation of Metals, by L. I. Ivanov, M. P.
Matveyeva, 14 pp.

RUSSIAN, per, Pribory i Stendy, Moscow, 1956,

Navy 1977/T-38
SLA Tr 59-11864

Sci - Min/Met
Jan 59

New Radio Telescope of High Resolving Power, by
S. E. Khaykiy, N. Z. Kaydonovkiy, 11 pp.

ID 2140243

RUSSIAN, per, Priboryi Tekhnika Eksperimenta,
Mar/Apr, USSR, pp 19-26.

AGSI H-6053A

Sci - Physics

Apr 60

111, 911

Experiences in Adjusting the Large Radio Telescope,
by N. A. Yesophina, 4 pp.

RUSSIAN, per, Prihoryi Tekhnika Eksperimenta, Mar/Apr,
USSR, pp 24-26.

MOBI H-6053B

Sci - Physics

Apr 60

111,910

A Set of Bright Image Spectrographs With Diffraction
Gratings, by N. G. Gerashimova. UNCLASSIFIED

RUSSIAN, per, Priboriy i Teknika Eksterimenta, No 1,
1956.

Navy Tr 1858/JH T-25

Sci - Physics
Sep 58

73, 6 24

12 851

Fr-1

BURMISTROV V. R., KAZANSKII Yu. A.

Identification of "paired" maxima obtained by the Compton effect gamma spectrometer

Identification des maxima "de paires" obtenus avec le spectromètre gamma à effet Compton

Prib. i Tekhn. Eksp., 1, 32-33 (1957)

R. 1099 - French

E u r a t o m

A Mass Spectrometer for Investigating the Processes
Which Occur When Electrons and Ions Collide
With Molecules, by E. L. Frankevich,
V. L. Tal'roze, 14 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 2,
1957, pp 48-53. 9684973

Emmanuel Coll. Res Lang Ctr
E-T-R-63-7

Sci. - Chem
Aug 68

342,108

An Efficient Detector of Fast Neutrons, by Yu. K.
Akinov, et al.

RUSSIAN, per, Pribory i Tekhnika Eksperimenta, No 2,
1956, pp 70-71.

Assoc Tech Sv Tr
\$4.75

51,543

RJ-787

Sci - Physics
Aug 57

The Ring Phasotron, by A. A. Kolomanskiy, et al.

RUSSIAN, per, Priory i Tekhnika Eksperimenta, No 2,
1956, pp 26-28.

Assoc Tech Sv *TR*
\$1.45

Sci - Physics
Aug 57

51,545

RJ-789

Measurement of the Field of the Magnets of Accelerators With Strong Focussing, by N. N. Grekov, A. P. Ryabov, L. L. Gol'din, 15 pp.

RUSSIAN, per, Pribery i Tekh Ekspoz, Vol II, 1956, pp 29-37.

AEC NP 112

Sci - Phys

Oct 58

74,593

Investigation of the Recording Properties of
PULVERIZED Materials, by D. M. Samoylovich, A. S.
Pisunko, 12 pp.

RUSSIAN, paper, Tekhnicheskaya i Spetsialnaya, No 2, 1956,
pp. 1-12.

ALL INFORMATION
SLA 59-15017

Doc. # 59-15017
Ser. 59
Vol. 1, No. 2

98,036

12 432

US-14

AKIMOV Yu. K., et al.

An efficient detector of fast neutrons

Prib. i Tekhn. Eksp., No. 2, 70-71 (1956)

RJ-787. \$ 4.75 - English

E u r a t o m

Automatic Control of the Maximum Ion Current of a
Mass Spectrometer, by N. E. Alekseyevskiy, et al.

RUSSIAN, per, Priroda i Tekhnika Eksperimenta, No 2,
1956, pp 86, 87.

Assoc Tech Sv *TR*
\$5.35

Sci - Physics
Aug 57

51,547

RJ-791

Investigation of the Semiconductor Triode by Means
of Models, by V. S. Vavilov, L. S. Smirnov.

RUSSIAN, per, Pribory i Tekhnika Eksperimenta, No 2,
1956, pp 99-104.

Assoc Tech Sv *TR*

\$1.75

RT-792

Sci - Physics
Aug 57

57, 548

A Radioactive Ionization Pressure Gage, by L. P. Khavkin.

RUSSIAN, per, Pribery i Tekhnika Eksperimenta,
No 2, 1956, pp 116-122.

Assoc Tech Sv
\$12.95

Te

RJ-788

Sci - Physics
Aug 57

51,544

A Spiral Low Pressure Mercury Lamp, by V. P.
Cherenisinov.

RUSSIAN, per, Priboi i Tekhnika Eksperimenta,
No 2, 1956, pp 122-124.

Assoc Tech Sv *TR*
\$1.25

RJ-790

Sci - Physics
Aug 57

57, 546

On a Method of Increasing the Density of an External
Proton Beam From the Six-Meter Synchrocyclotron, by
V. I. Danilov, V. P. Dmitriyevskiy, I. V. Chestnoy,
11 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 3, 1956,
pp 9-.

ABC Tr 3021

55,272

Sci - Nuclear Physics
Nov 57

Measurement of Correlation Functions for Pulses
in Two Computer Channels, by I. V. Zotov (Zotov),
A. V. Kutsenko, 7 pp.

RUSSIAN, bino per, Pribory i Tekh Eksper, Vol
I, 1956, pp 38-43.

AEC Tr 2959

52,431

Sci - Electronics
Sep 57

A METHOD FOR MEASURING SMALL PHASE ANGLES, BY
H. M. ZHURAVENKO, G. K. SVETIKOV, 6 pp.
UNCLASSIFIED

RUSSIAN, *Prilozheniye k Tekhnicheskoy Zhurnalu*, No 3,
1956, pp 74-76.

Soc Sci Lib
Ref 57/6202

Soc Sci Lib
Apr 58

57/6202

On Raising the Limiting Energy and Improving the
Focusing of a Cyclotron, by E. M. Maroz, M. S.
Rabinovich, 13 pp.

RUSSIAN, 1957, Priroda i Tekh Ekspoz, -Vol 1, 1957,
pp. 15-27

AEC WP-115
Assoc Tech Serv 28716R
ATIS 1011-1020

Doc - Rec: 11/1/57

Oct 50

74, 468

Identification of Pair Peaks in the Compton Gamma-Spectrometer, by V. R. Burmistrov, et al. UNCLASSIFIED

RUSSIAN, per, Priboiy i Tekhnika Eksper, No 1, 1957, pp 32, 33.

*DSIR/TCL 108

Sci - Phys
Nov 58

Increase of Intensity in Time of Flight
Measurements by Suspending the Beam Over the
Target, by M. L. Shapiro, 8 pp.

RUSSIAN, per, Priory 1 Tekhnika Eksperimenta,
No 1, 1957, pp 33-36. 920272

AEC-Pr-5540

Sci - Phys
6 Mar 63

~~413,779~~
324,214

Properties of Some Plastic Scintillators, by
H. M. Koton, et al. UNCLASSIFIED

RUSSIAN, per, Priboiy I. Takh Eksper, No 2, 1957,
pp 49-55.

Copy from Lab 390
(probably DSIR/TCL 108)

Assoc Tech Sv 29716R

ATS R-3-897

Sci. Chem.
Nov 58

75,948

Plastic Scintillators Containing Oxazoles as Filters,
by M. N. Medvedev, et al,

RUSSIAN, per, Priboiy i Tekh Eksper, No 1, 1957,
pp 55-57.

ATS RJ-898

Sci - Electron
Jul 59

91,252

Pulse Amplitude Analyzer, by L. A. Matalin, et al,
RUSSIAN, per, Priboiy i Tekh Eksper, No 1, 1957,
pp 64-71.

ATS RJ-900

Sci - Electron
Jul 59

91, 254

1. A Molecular Oscillator Using a Beam of Ammonia Molecules; 2. An Investigation of the Operation of a Molecular Oscillator, by H. G. Eskov.

RUSSIAN, par, Prib i Tekh Exper, No 1, 1957,
pp 71-82.

DSIR/31215/CT

58, 845

Sci - Engr
Feb 58

No 1, PTS RC-877

No 2, PTS RC-875

Klyumel, M. Z.
INVESTIGATION OF THE PHASE STABILITY OF
FREQUENCY MULTIPLIERS. [1962] [5]p. 2 refs.
Order from OTS or S.I.A. \$1.10 62-14484

Trans. of Priroda i Tekhnika Eksperimenta (USSR)
1957, no. 1, p. 97-98.

DESCRIPTORS: *Frequency multipliers, *Phase
measurement, Frequency shift, Stability.

A method is proposed for investigating experimentally
the phase stability of frequency multipliers. This tech-
nique makes it possible to detect and measure the
widening of spectrum lines resulting from fast random
variations in multipliers and determine systematic
phase losses resulting from slow variations of circuit
parameters. Relative frequency shift of $\pm 10^{-11}$ to
 $\pm 5 \times 10^{-13}$ due to a slow variation of circuit param-
eters was measured in preliminary experiments.
(Author)

62-14484

I. Klyumel, M. Z.

(Engineering--Electronic, TT,
v. 9, no. 9)

Office of Technical Services

TWO-FILAMENT SURFACE IONISATION SOURCE
FOR A MASS SPECTROMETER, BY R. N. IVANOV,
G. M. KUKAVADZE.

RUSSIAN, PER, PRIBORY I TEKH EKSPER,
NO 1, 1957, PP 106-110.

NLL. M.4611

SCI - CHEM

JUN 62

199,103

Apparatus for the Study of Infrared Absorption
Spectra at Various Temperatures, by V. N. Kikkin;

RUSSIAN, per, Priory i Tekh Eksp, No 1, 1957,
pp 116.

ATS RJ-899

Sci - Electron
Jul 59

91, 253

The Effect of Gas Scattering on Synchrotron
Oscillations of Particles in Accelerators, by
D. G. Kosikarev, 9 pp.

RUSSIAN, per, Priroda i Tekh Eksp, No 2, 1957,
pp 15-18.

AEC NP tr 214
OTB

Sci ...Phys

59

97,488

Investigation of the Energy Spectrum of Protons
of the Internal Beam of a Phasotron, by Yu. D.
Proskoshkin, G. N. Tentyukova, 7 pp. UNCLASSIFIED

RUSSIAN, Memo per, Pribury & Tekhnika Eksperimenta,
No 2, Moscow, Mar/Apr 1957, pp 18-22.

US JPRS/NY-366

(NY-1357)

64,027

Sci - Phys
May 58

A Compton Spectrometer With Pulse Addition, by
V. R. Burdakov, Yu. A. Nazarskiy, 7 pp.

RUSSIAN, Per, Pribory i Tekh Eksp, No 2, 1957,
pp 26-29.

~~SECRET~~
AERE-11b Tr 784

Sci - Phys

Sep 58

73, 791

A Mass Spectrometer for Investigating the Processes
Which Occur When Electrons and Ions Collide
With Molecules, by E. I. Frankovich,
V. L. Gal'roze, 14 pp.

RUSSIAN, per, Priroda i Tekh Eksp, No 2,
1957, pp 48-53. 9684973

Manuel. Coll Res Lang Ctr
E-T-R-63-7

075 ci 244 63-23145(1011)

342,108

Sci - Chem
Aug 63

Zhernovoy, A. I., Latyshev, G. D., and
Sergeyev, A. G.
MEASUREMENT OF MAGNETIC FIELD BY METHOD
OF MAGNETIC RESONANCE OF PROTONS. [1961]
9p. 14 refs.

Order from RIS \$7.50

RIS E-53f

Trans. of [Pribory i Teknika Eksperimenta] (USSR)
1957, no. 2, p. 60-63.

DESCRIPTORS: *Magnetic fields, Measurement, In-
strumentation, Protons, *Resonance absorption,
Resonance.

(Physics--Magnetism, TT, v. 6, no. 2)

61-22507

- I. Zhernovoy, A. I.
- II. Latyshev, G. D.
- III. Sergeyev, A. G.
- IV. RIS E-53f
- V. Research Information
Service, New York

104640

Office of Technical Services

Measurement of the Mechanical and
Dynamical Characteristics of Rubbers,
by V. P. Volodin, E. V. Kuvshinsky.
RUSSIAN, per, Priroda i Tekhnika
Izvestiya, No 2, pp 94-97, Mar/Apr
1957 9229815

EGSC-F-65-730

ANASA TT-F-10,161

Sci-118M
Nov 65

291,682

S-179/64

Method of Studying Non-Uniformity of Plastic Deformation,
by Ye. D. Shchukin, N. V. Pertsov. (NY-9057)

RUSSIAN, per, Prib i Tekh Eksper, No 2, 1957, pp 98-102.

*JPRS

Sci - M/m
Feb 64

Apparatus for Measuring the Parameters of Photo-
Multipliers, by A. A. Samia, et al. UNCLASSIFIED

RUSSIAN, part, Priroda i Yeha Eksper, No 2, 1957,
pp 103-106.

Co-op Tr Sch 599

Sci - Engr

Mar 59

82,419

Microscope Table for Measuring the Dispersion of
Particles ~~эксперимент~~ in Nuclear Photomulsions, by
A. O. Vaysenberg, et al. UNCLASSIFIED

RUSSIAN: per, Pribory i Tekh Eksper, No 2, 1957,
pp 112-14.

*DSIR/TCL 109

Sci - Engr
Nov 58

Method of Absolute Counting of Charged Particles,
by S. A. Baranov, et al. UNCLASSIFIED

RUSSIAN, per, Pribory i Tekh Eksper, No 3, 1957,
pp 32-36.

*DSIR/TCL 110

Sci - Phys
Nov 58

... Kuznetsov, by A. V.
Kuznetsov. UNCL

RUSSIAN, per, Priory i Tekh Ekspert, No 3, 1957,
pp 57-60.

DSIR 33872/CT

Sci - Nuc: Phys
Mar 59

83,195

High Sensitivity Compensating Magnetometer, by E. P. Furugul.

RUSSIAN, part, Priroda i Tekhnika, 1957, ^{No 3,} ~~Vol III,~~
pp 64-68.

DSIR 34000/CT

Phys
Sci • ~~Index~~
Mar 59

83,348

Stabilization of Electromagnet Current Supply,
by Z. Sh. Mandzhavidze, G. E. Chikovanii.

RUSSIAN, per, Priory 1 Tekh Eksper, No 3,
1957, pp 69-71.

DSIR 33871/CT

Sci - Electronics
Mar 59

83, 3/6

Thin Wire in Continuous Glass Insulation and
Possibilities of Its Use, by A. V. Ulitovsky,
& Dr. UNCL

RUSSIAN: Prof. Práborý & Takh Kasper, No 3, 1957,
pp 115-117. 9047065

DSI 576
(British)

REF ID: A62117

Sci. Engr
CIA Only Z-691

109,844