

REQ TR CHECK

30-11-32

TX96

AN ASYNCHRONOUS SYSTEM FOR CONTROL OF
BINARY ADDERS

RAMANAUSKAS V A

UR: MOSCOW. VYSSHEYE TEKHNICHESKOYE
UCHILISCHE. VYCHISLITEL'NAYA TEKHNIKA
1970, vol 1, pp 161-164

In process as

MT-24-72-0257 ^{*negative*} *8.2.2011*

Higher Cortical Functions in Man, 2nd Edition,
by A.R. Luriya
RUSSIAN, bk, Vysshie Korkovye Funktsii Cheloveka
I Kh Narusheniya Pri Lokal'nykh Porazheniyakh
Mosca, 1969, 420 pps.
PLENUM PUBLISHING CORPORATION

Synthesis of Higher Aliphatic Alcohols
From Carbon Monoxide and Hydrogen,
by S. M. Loktev.
RUSSIAN, per, Vyzshie Zhirnye Spirty,
1970, pp 238-250
NTC 72-11329-07C

June 72

New and Future Methods For the Synthesis
of Higher Aliphatic Alcohols, by
S. M. Loktev.
RUSSIAN, per, Vyashie Zhirnye Spirty.
1970, pp 251-266
NTC 72-11330-070

June 72

A Study of the Anodic Processes Occurring During
the Electrolysis of a Mixture of Sulphuric and
Acetic Acids. Part II - The Effect of the
Composition of the Solution on the Ratio of the
Components in the Mixture of Anodic Gases, by
M. Ya. Fioshin, et al.
RUSSIAN, per, Vysshikha Ucheb. Savedenii, Vol 3,
No 4, 1960, pp 637-641.
O. A. Trans. 1048

sci/tech
feb 71

Trends in Soviet Urban Planning, by L.
Aristov, 6 pp.

Russian, per, VDNRh SSSR, No 5, 1965,
pp 14-17.

JPRS 31287

USSR

Econ
Aug 65

236,566

Equipment for Spark-Assisted Machining, by
G. Pogodin-Alekseyev & B. Mezhuikov. 7 pp
RUSSIAN, per, VDNKH SSSR. Informatsionnyy
Bulleten', No 10, 1966, pp 9-11. F100103668-V
FTD-HT-23-766-67

Sci/Mech, Indus, Civ & Mar Engr
June 68

359,316

Cold Metalworking with Milling Cutters
and Liquid-Metal Stamping, by
S. Shirokov, 5 pp.
RUSSIAN, per, Vdnkh SSSR, Infor-
matsionnyy Byulleten', No 11, 1966,
pp 38-39
P100194468
FTD-HT-23-764-67

Sci-Mech/Indus/Civil/Mar Engr
Sep 68 364,230

RU

M-92 AUTOMATIC WEATHER STATION EXHIBITED

VYSTAVKA DUSTIZHENIY NARODNOGO KHOZYAYSTVA SS
SR NO 4 1968 PP 37

FSTC-HT-23- 1551-72

Small Calculators, by I. Podol'skiy, 6 pp.
RUSSIAN, per, VONKH SSSR. Informatsionnyy
Byulleten, No 5, 1968, pp 11-12.
AIR/FTD/FT-24-255-69

Sci/Elec
May 70

Indication of a Biological Weapon, by V. V. Skvortsov, V. S. Kiktenko and V. D. Kucherenko, 24 pp.

RUSSIAN, bk, Vyzhivayemost' i Indikatsiya Patogennykh Mikrobov Vo Vneshney Srede, 1966, pp. 110-131.

JPRS 40255

USSR
Sci-B&M
Apr 67

321,195

Interaction of Atomic Particles With
a Solid Surface, by V. A. Arifov.
RUSSIAN, bk, Vzaimodeistvie Atomnykh
Chastits s Poverkhnost'yu Tverdogo Tela.
1968.
PLENUM PRESS

Sci/Chem
Jan 69

353,285

Interaction of Woody Species in Different Forest
Types, by D. D. Lavrinenko.

RUSSIAN, bk, Vzaimodeistvie Drevesnykh Porod v
Razlichnykh Tipakh Lesa, 1965.

*CPSTI TT 70-57224

Sci/B&M

Sept 70

Interaction of electromagnetic waves with plasma
240 pp approx
RUSSIAN, bk, Trudy #73 Vzaimodeistvie elektromagnitnykh
voln s plazmoy.

P. N. Lebedev Physics Institute
CONSULTANTS BUREAU/PLENUM PUBLISHING

July 72

Interaction of Gamma quanta With Protons in the
Medium-Energy Range.

RUSSIAN, bk, Vzaimodeistvie Gamma-Kvantov s
Protonami v Oblasti Srednykh Energii, Vol 41,
1968.

Plenum Press

Sci/Physics

Jan 68

345,934

Interaction of Laser Radiation With Matter, by
P. A. Apanasevich,
RUSSIAN, bk, Vzaimodeistvie Lazernogo Izlucheniya s
Veshchestvom, 1972.

*TPST

Sept 72.

Interaction of Metals with Semiconductors in the
Solid Phase, by Yu. L. Krasulin, Approx 208 pp
RUSSIAN, bk, Vzaimodeistvie Metalia s Polupro-
vodnikom v Tverdoi Faze, 1971.
Plenum Press

sept 70

Interaction between Nonequilibrium Radiation
and Matter, by M. A. El'yashevich.
RUSSIAN, bk, Vzaimodeistvie Neravnovesnogo
Ielucheniya s Veshchestvom, 1965.
*CB
1st quarter of 1966

Interaction of Transition Metals with Oxygen,
by I. I. Korndlov & V. V. Glazova.
RUSSIAN, bk, Vzaimodeistvie Perekhodnykh Metallov
S Kislorodom, 1968.
PLENUM PRESS

Sol/Phys
May 68

356,761

Time Characteristics of High-Frequency
Oscillations During the Development of
Instability in a Plasma-Beam System, by
Ye. A. Kornilov, O. F. Kovpik, 11 pp.
RUSSIAN, rpt, AN UKRSSH, Vzaimodeystviya
Puchkov Zaryazhennykh Chastits s Plazmoy.
Kiyev, Naukova Dumka, 1965. P100267368-V
PTD-MT-24-302-67

Sci/Phys
Nov 68

366,986

Interaction of Laser Radiation With Matter, by
P. A. Apanasevich,

Excitation of Longitudinal Oscillations of
Magneto Active Plasma, by V. V. Angeleyko
and A. B. Kitsenko, 7 pp.
RUSSIAN, per, AN UkrSSR. Vzaimodeystviye
Puchkov Zaryazhennykh Chastits s Plazmoy,
Naukova Dumka, Kiev, 1965, pp 136-143.
AIR/FTD/HT-23-4-68 AD 680 580

Interaction of Modulated Flux With Plasma, by
Ya. D. Faynberg, V. D. Shapiro, 11 pp.
RUSSIAN, per, An UKRSSR. Vzaimodeystviye
Puchkov Zaryanhenyidi Chastits o Plazmay,
1965, pp 143-155. PIC0214168-V
FTD-MT-21-249-67

Sci/Hys
Oct 68

363,360

Excitation of Magnetosonic Waves in Colliding
Plasma Fluxes, by D. G. Lomidze,
K. N. Stepanov, 4 pp.
RUSSIAN, per, An UKRSSL. Vsaimodeystviye
Puchkov Zaryazhennykh Chastits s Plazmoy,
1965, pp 177-181. P10024, 108-V
FTD-MT-24-249-67

Sci/Phys
Oct 68

363,361

Longitudinal Oscillations in Multivelocity
Plasma Beam, by N. S. Repalov, N. A. Khizhnyak,

8 pp.

RUSSIAN, per, An UKRSSR. Vzaimodeystviye
Fachkov Zaryazhennykh Chustits s Plazmoy,
1965, pp 186-195. P100244168-7

FTD-IT-24-249-67

Sci/Phys
Oct 68

363,362

Instability of Plasma Discharge With Oscillating
Electrons, by O. S. Pavlichenko, L. A. Dushin,
12 pp.

RUSSIAN, per, An UKSSR. Vzaimodeystviye
Puchkov Zaryazhenykh Chastits s Plazmoy,
1965, pp 204-216. P100211168-V
FTD-IT-21-219-67

Sci/Phys
Oct 68

363,363

RUSSIAN

Comp. Special
10pp.

OSOI 00557/71 (b) W
21 May 71 EF

Study of a linear induction accelerator, by
Ye. I. Lutsenko, & L. I. Holotin, et. al.

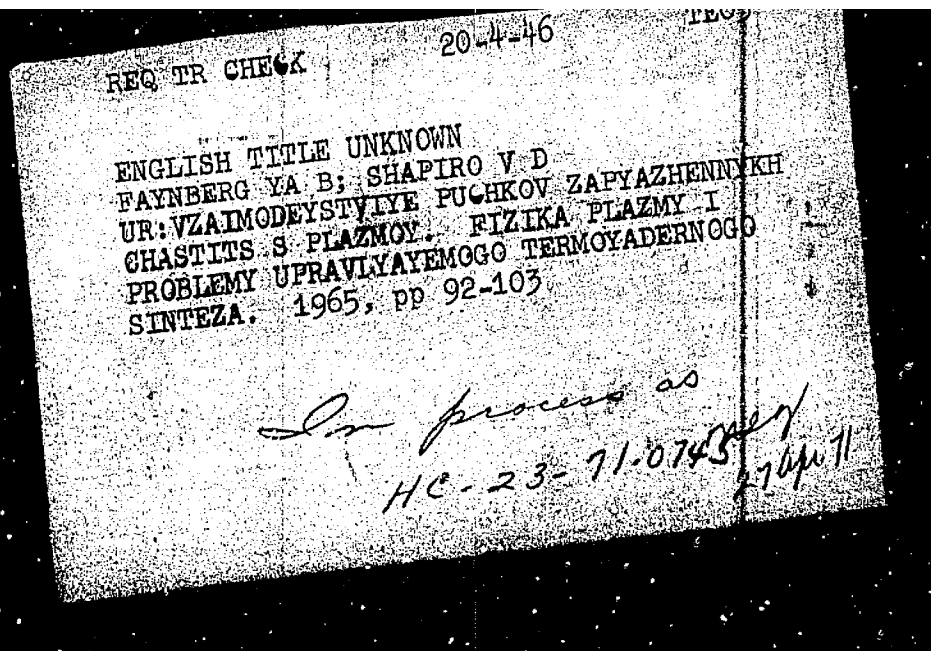
Исследование линейного ускорителя электронов
Письма, 1965, pp 217-226.

Special type B - do not publish - original translation
typed single spaced, including reproductions - do not
may be cut for this purpose.
T. D.: 1 June 1971.

A High-Current Linear-Induction Accelerator,
by N. S. Fedenko and L. I. Bolotin, 5 pp.
RUSSIAN, per, AN UKRSSR. Vzaimodeystviya
Fuchkov Zaryazhenykh Chastits s Plazmoy.
Kiev, Naukova Dumka, 1965, pp 229-234.
P100256668-V
FTD-HT-23-1310-67

Sci-Physics
Oct 68

366,157



INTERACTION BETWEEN VARIOUS TYPES OF TRANSPOR
TATION AND CONTAINER TRANSFER

ED, DSIPOV, V.

LANGUAGE-RU COUNTRY-UR

VZAIMODEYSTVIYE RAZNYKH VIDOV TRANSPORTA I KO
NTEYNERNYYE PEREVOZKI

PUBL. VSESoyUZNYI INSTITUT NAUCHNOY I TEKHNIC
HESKOY INFOR., MOSC., 1971, 1

FSTC-HT-23-1136-73

Interaction of Refractory Transition Metals with
Oxygen, by I. L. Kornilov, V. V. Glazova.
RUSSIAN, bk, Vzaimodelstvie Tugoplavkikh Metallov
Perokhodnykh Grupp s Kislorodom, 1967.
FIENSH PRESS

Sci/Phys
Aug 68

363,061

Interaction of Maritime Inland Water Transport With Rail
and Motor Transportation, by Ye.D. Buchin.

RUSSIAN: Vzaimodeystviy vnutrennego vodnogo transporta
s morskim, zheleznodorozhnym i avtomobil'nym
transportom, by Ye.D. Buchin. "Transport"
Publishing House, Moscow, 1971. pp. 3-37; 47-
49; 53-62; 95-103; organ chart p. 108; 186-188;
title page.

DIA LN 357-72 (65 pps.)

22 MAR 1972

R. A. Kabirova

Effect of a Magnetic Field on Structure Formation
in Solutions of K-4 Water-Soluble Polymer.

RUSSIAN, per, Vzaimodeistvie Vodorastvorimyykh
Polielektrolitov Dispersnykh Sistemami, 1970,

pp 53-57

NTC 72-13404-07D

24 DEP. NTIS.

AEC - SC - T - 722484

Oct 72

Pulsed Arc in Argon at Pressures Up to 10^8 N/M²,
by Ye. S. Borovik, V. P. Kantsedal, 7 pp.
RUSSIAN, per, Vzaimodeistviye Zariazhennykh
Chastits S Plazmoy, 1967, pp 115-123.
P100169068-V
FTD-MI-23-1378-67

Sci/Phys
Aug 68

364,790

Current Heating of Plasma in a Closed
Magnetic Trap, by P. Ya. Burchenko.
RUSSIAN, bk, Vzaimodostviye
Zaryazhennykh Chastits s Plazmoy,
Kiev, 1967, pp 132-130.
NASA TT F-11,629

Sci/Phys
Oct 68

368,977

1968
Fershova, O.I., Zh.P. Kopteva,
and E.V. Tantsyurenko
Interrelationship of blue-green water bloom and bacteria
(Vzaimootnosheniya sinizelenykh vodorozdei - vzbuditelei
"tsveteniya" vody - s bakteriyami)
"Tsvetenie" vody (A.V. Topachevskii, Chief Editor), Akad.
Nauk Ukrainskoi SSR, Kiev, 58pp.: 159-171. In Russian.

Transl. by Israel Proc. for Sci. Transl. for PCF, Apr. 1970.
12p., typescript.

Avail. on Loan - PCF, Wash., D.C.

Original Article Checked. JK

V. A. Krivtsov

Determinant the radius of the cavity from an underground explosion in the presence of residual pressure from explosion products. 8 pp.

RUSSIAN, Varyv v poristykh i dispersnykh sredakh, 1969

pp 28-33

AIR/FTD-HF-23-750-72

oct 72

DETERMINATION OF PRESSURE AT THE DESIGNATION P
RODENTS-SURROUNDINGS INTERFACE FOR

KAZAKH V N N LANGUAGE-RO COUNTRY-UR

VZRYV V PERISTYKH I DISPERSNYKH SPLOKHE

NAUKOVA DUMKA KIEV 1965 PP 28-45

ESTU-11-23-1743-12

INTERACTION OF CYLINDRICAL STRESS WAVES NEAR
FREE SURFACES

NEDIN, V. V.

LANGUAGE=RU

COUNTRY=US

VZRYV V PORISTYKH I DISPERSIYKH SREDAKH: PUB N
NAUKOVA DUBKA KIEV 1969 PP 60-63
FSTC-INT-23-2224-72

Explosives, by S. A. Lovlya, 17 pp.
RUSSIAN, per, Vzryvnoye Delo, 1966, Chapt III,
pp 82-86, Chapt IV, pp 88-96.
NAV/STIC-Tr-3236-71

Sept 71

Canal Construction Using Row Charges in the
Explosive Excavation at Allarechensk Mines, by
R. A. Avdeev.
RUSSIAN, per, Vzryvnoe Delo, No 18, 1966, pp 161-
175.
NTC 71-14310-13M

Feb 72

Analysis of Explosive Excavation, by
R. Ya. Strausman.
RUSSIAN, per, Vzryvnoe Delo, No 18, 1966, pp
175-187.
NTC 71-14311-13M

Feb 72

Effect of a Change in Overdrilled Holes, by
N. Yu. Turuta, D. F. Paichenko, et al. 15 pp.
RUSSIAN, par, Nauchno-Tekhnicheskoye Obozreniye
Oshchestvo. Vziyvoye Delo, No 59, 1966,
pp 138-149.
AIR/PTD/IR-24-10-69

USSR
~~sci~~ military
dec 69

397,391

Agency: Picatinny Arsenal R-10,112-D
P.O. No. 95-69a 4 Feb. 1969

Title: Studying nonideal conditions of detonation
of condensed explosives (Blasting).
pp. 33-50.

Author: E Shvedov, K. & Dremín, A. N.

Source: Vozvynoe delo. Sbornik (8). (EXPLOSIVE SCIENCE .
Moscow No. 60/17. (1966). COLLECTION)

Language: Russian. 28pp

Special instruction: Please translate & type 1 copy only.

Agency: Picatinny Arsenal
P.O. 120-69b.

R-10234-D
1 Apr. 69

Title: ON ~~SENSITIZATION~~ SAFETY DEVICES FOR EXPLOSIVES
SENSITIZATION

Source: Varyvnoe Delo. Nauchno-Tekhnicheskoe.
Gornoe Obshchestvo. (1966) 60/17.

83-76pp

Author: Kukib, B. N.

Language: Russian.

Special instruction: Please translate & type 1 copy. only.

Agency: Piestinny Arsenal
P.O. 120-69a.

R-10233-D
1 Apr. 69

Title: Study & Test of New Safety Explosives. pp. 126-36

Author: Bakharovich, N.S., et al.

Source: Varyvnoe Delo. Nauchno-Tekhnicheskoe
Gornoe Gokhchestvo. (1966), 60/37.

Language: Russian.

Special instruction: Please translate & type 1 cpy. only.

Initiation of Detonation by Shock Waves in Cast
and Pelletized TNT, by A. N. Dremin and ~~S. A. Koldunov~~
S. A. Koldunov, 28 pp.
RUSSIAN, per, Vzryvnoye Delo, Vol 63, No 20, 1967,
pp 37-50.
AEC/UCRL-Tr-10408-69

Sci/Chem
Jan 70

400,156

Locations of a Reaction in the Detonation of
Condensed Explosives, by S. N. Buravova.
RUSSIAN, per, Vzryvnoye Delo, No 63/20, 1967,
pp 56-60
*AEC/

USSR/MLL
Jun 69

Detonation of Coarse-Grained Explosives, by
A. K. Parfonov, I. M. Voskoboinikov, 5 pp.
RUSSIAN, per, Vzryvnoye Dolo, Nauchn. Tekhn. Gorn.
Obshchestvo, SB., No 63/20, 1967, pp 60-65.
AEC/LASLUC/LA-4199-69

Sci/Chem
Dec 69

396,028

NTC 71-14471-19A
AEC (LA-47-71-20) EFFECT OF THE DYNAMIC COM-
PRESSION OF EXPLOSIVE CHARGES ON THEIR DETONABILITY.
Valnsholn, B. I.; Zenin, V. I.; Babichenko, I. I. Translated
by Helen Dahlby (Los Alamos Scientific Lab., N. Mex.), from
Vzryvnoe Delo, Nauch.-Tekh. Gorn. Obshchest., Sb.; No. 63/20,
77-82(1967). 7p.

chemistry (physical); explosions

ND-4 P RC

Unlimited

NTC 91-10242-19D

AEC (IA-tr-70-13) MECHANISM OF INITIATION AND
DEVELOPMENT OF AN EXPLOSION BY MECHANICAL MEANS,
Afanas'ev, G. T.; Boholev, V. K.; Dubovik, A. V.; Zhuchenko,
V. S. ¹⁰Translated by Anna Vakar (Los Alamos Scientific Lab.,
N. Mex.), from ¹⁵Vzryvnoe Delo, Nauch.-Tekh. Gorn. Obshchest.
Sb.; No. 63/20, 86-101 (1967). ²⁰20p. ²⁴Dep. CPSTI.

²⁵

²⁶explosions; translations ²⁷19D

²⁸MN-38 ²⁹P NSA

Transition from combustion to detonation of commercial explosives, by A. V. Sokolov, I. V. Mil'chakov. 13 pp.
RUSSIAN, per, Nauchno-tekhnicheskoye gornoye obshchestvo
Varyvnoye delo, Vol 63, No 20, 1967, pp 120-129.
AIR/FTD-MT-24-45-71

apr 72

Effect of Charge Shape on the Detonation Parameters
of Ammonite PZhV-20, by A. N. Dromin, K. K. Shvedov,
12 pp.

RUSSIAN, per, Vzryvnoye Delo 63/20, 1967,
pp 129-135.

ABC/UCRI-Tr-10419-69

Sci/Chem

400,235

Investigation of a Slow Detonation Speed in
Nitroglycerin, by A. V. Dubovik, V. K. Bobolev.
RUSSIAN, per, Vzryvnoe Delo, Vol 63, No 20, 1967,
pp 275-278.

NLL Ref: 5828.4F (M 7693)

NLL Ref: 5828.4F (M. 7482)

Sci/Chem
Dec 69

398,300

An Investigation of Cavern Development in the
Camouflet Explosion, by V. N. Rodionov,
I. A. Sizov, et al.

RUSSIAN, per, Nauchno-Tekh Gornoye Obshestvo.
Vzryvnoye Delo, No 64/21, 1968, pp 5-24.

AIR/FTD/HC-23-87-70

Sci-Ear Sci
Sep 70

V. B. Lebedev

The formation of seismic waves in the ground near the surface during an explosion. 25 pp.

RUSSIAN, Nauchno-Tekhnicheskoye Gornoye Obshchestvo.

Vzryvnoye Delo, No 64, 1968, pp 93-109

AIR/FTD-HT-23-549-72

nov 72

On the Nature of Certain Ground Waves Excited by
an Underground Explosion, by A. N. Romashov.
RUSSIAN, per, Nauchno-Tekh Gornoye Obshchestvo.
Vzryvnoye Delo, No 64/21, 1968, pp 158-191.
AIR/FTD/HC-23-87-70

Sci-Ear Sci
Sep 70

Directional Seismic Effect of Dispersed Single-Row
Blasts, by B. G. Rulov, D. A. Kharin, 26 pp.
RUSSIAN, per, Nauchno-Tekhnicheskoye Obshchestvo,
Vzryvnoye Delo, Sbornik No 64/21, 1968, pp 211-231.
AIR/FTD/HT-23-75-70

Sci/Earth
May 70

Spectra of Seismic Waves from Underground
Explosions from Observations in the Near Zone,
by N. V. Kuz'mina. 23 pp.
RUSSIAN, per, Nauchno-Tekhnicheskoye Gornoye
Obshchestvo. Vzryvnoye Delo, No 64, 1968,
pp 240-261.
AIR/FTD-HC-23-594-70

sci/earth sci
feb 71

Control of Noxious Gases in Blasting Work, and
New Methods of Testing Industrial Explosives.
RUSSIAN, per, Vzryvnoe Delo, No 68, 1970
NIC 72-13400-19D

Oct 72

Determination of Ignitability of Explosives by a
Manometric Bomb, by Rogozhnikov.
RUSSIAN, per, Vzryvnoye Delo, No 68/25 1970.
*FBTC-HT-23-0691-72

Nov 71

Critical Initiation Pressures of Explosives, by
A. N. Afanasenkov, V. N. Bogomolov, 49 pp.
RUSSIAN, per, Verynnoye Delo, No 68/25, 1970,
pp 68-92.
AEC/UCRL-Tr-10490-70

Sci/Chem
Nov 70

Evaluating the Safety Properties of Explosives, by
V. P. Gorkovenko, 6 pp.
RUSSIAN, bk, Vzryvnoye Delo Handbook No 68/25, Ber'ba
s Yadovitymi Gazami Pri Vsryvnykh Rabotakh i Novyye
Metody Ispytaniy Promyshlennykh VV, 1970, pp 116-122.
ARM/FSTC/HT-23-656-72

AUG 72

Determination of the Ignitability of Explosives by
The Manometric Bomb Method, by V. M. Rogozhnikov, 6 pp.
RUSSIAN, per, Vzryvnoye Delo, No 68-25, 1970,
pp 134-139.
ARM/FSTC/HT-23-691-72

Aug 72

L. Afonina

Method for Assessing the Tendency of Explosive
to Transfer Deflagration into Detonation.

RUSSIAN, per, Vzryvnoe Delo, No 68, 1970, pp 149-
158.

NTC 72-13664-19A

nov 72

Certain Methods of Determination of the Sensitivity
of Explosives to Shock, by B. N. Kondrikov, 6 pp.
RUSSIAN, per, Vzryvnoye Delo, No 68/25, 1970,
pp 168-173.
ARM/FSTC/HT-23-315-72

June 72

REQ TR CHECK

14-9-22

TR19

ELECTROMAGNETIC PHENOMENA ACCOMPANYING THE
DETONATION OF CHARGES OF POWERFUL EXPLOSIVES

BOGOMOLOV V M

UR: NAUCHNO-TEKHNICHESKOYE GORNOYE OBSHCHESTVO
VZRYVNOYE DELO, 1970, 68/25, pp 197-202

Process in 95

H572-23-1028

*mev
9/24/71*

Low-Velocity Detonations of Cast
Charges of Explosives, by
I. V. Babaitsev.
RUSSIAN, per, Varyvnoe Delo, No 68,
1970, pp 215-222
NTC 72-12033-19D

ARM / 7STC - HT - 23-319-72

June 72

Rigid Active Capsules for Safety Explosives, by
N. S. Bakharevich, Ye. V. Postnichenko, 5 pp.
RUSSIAN, per, Vzryvnoye Delo, No 68/25, 1970,
pp 284-288.
ARM/FBTC/HT-23-321-72

Mar 72

Blasting in Hydraulic Construction, by
A. G. Bagdasarov, S. A. Davydov, 191 pp.
RUSSIAN, bk, Vzryvnye Raboty v Gidrotekhnicheskoi
Stroitel'stve, 1969.
NTIS TT 71-50047

Mar 72

Characteristics of the Tropopause in the
Equatorial and Tropical Zones of the
Pacific and Atlantic Ocean.

RUSSIAN, per, Xapaktepnetkn Tpononayebi
b Ekbatopnabhon, No 6, 1968, pp 48-54.

DIA 795-69

Sci-Atmos Sci
Apr 69

389,640

YADERNAYA FIZIKA - monthly
(Soviet Journal of Nuclear Physics)
Translation begins with 1965, Vol. 1
Lag time: ca. 6 months
Order from: American Institute of Physics
335 East 45th Street
New York, N.Y. 10017
1971: \$ 85.00/year USA and Canada
\$ 90.00/elsewhere
\$ 8.00 single current or back issues
USA and elsewhere
(Prepayment required - surface mail postage
is included)

Russ

YADERNAYA FIZIKA, 1965 - June 1972, Vol 15, No 6.

Cover-to-Cover by The American Institute of Physics

Available at Ly Serials

Mar 73

The Planning of n-p Scattering Experiments for
Determining the Most Probable set of Phase
Shifts, by P. Lehar, V. V. Fedorov.
RUSSIAN, per, Yadernaya Fizika, 1965.
AEC AERE tr 1047

Sci/Nuclear Sci
Aug 66

306,232

Effects of Electromagnetic Interaction of Particles With a "Colliding" bunch, by Ya. S. Dorbenov, S.I. Mishnev, et al. 17 pp.
RUSSIAN, por, Yadern. Fiz., No 2, 1965, pp 119-123,
9232788
AEC SLAC-tr-32

Sci/Nuclear Sci
Jun 66

301,142

Emission of Photons During the Electromagnetic
Annihilation of Heavy Particles, by V.N. Baird,
V. A. Khoze. 12 pp.
RUSSIAN, per, Yadern. Fiz., Vol 2, 1965,
pp 277-286. 9232787
AEC SLAC-tr-30

Sci/Nuclear Sci
Jun 66

302,487

On the Fluctuations of Energy Fluxes of the
Nuclear-Active and Electron-Photon Components
of an Extensive Air Shower, by S. N. Vernov, N. F.
Belyaeva, O. V. Vedenev, V. A. Dmitriev, Ya. A.
Nochin, G. B. Khristiansen.
RUSSIAN, per, Yadern Fiz, Vol 2, 1965, pp 1075-
86
AEC N-67-13253

Sci - Phys
Oct 67

342,301

Conversion Transitions with Pair Production
in ^{72}Ge , by B. N. Bolyayov,
RUSSIAN, per, Yadern. Fiz., Vol III, 1966,
pp 13-16.
AEC ORNL-tr-1364

Sci-Phys
Nov 66

313,726

Acceleration of Plasmoids in Waveguides by
a Superhigh-Frequency Wave, by V. I. Domrin,
R. R. Ramazashvili, 8 pp.
RUSSIAN, per, Yadernaya Fizika, Vol V,
No 2, 1967, pp 312-317.
Sci & Tech Infor Facility
ST-PP-10580

Sci - Elect & Elect Engr
May 67

324,233

Double Charge Exchange of 50-176 MEV
Mesons In Photoemulsion, by Yu. A. Gatisov,
S. A. Buyantov, et al.
RUSSIAN, per, Yadernaya Fizika, Vol V,
No 2, 1967, pp 354-356.
CIA FOD X 6173

Sci-Phys

Mar 67

FOR OFFICIAL USE ONLY

322,995

Direct Excitation of Nuclear Fission Degrees of
Freedom at Low Energies, by P. Ye. Vorotnikov,
13 pp.

RUSSIAN, per, Yadernaya Fiz., Vol 5, No 5, 1967,
pp 1021-1027.

AEC/BNL-Tr-169-69

Sci/Nucl
Jan 70

⁰⁰
41,169

pn-np, pp-nn, and Branching in the j-Plane, by
A.B. Kaidalov.
RUSSIAN, per, Yadernaya Fizika, vol. 7, 1968,
pp. 1147-1149.
NTC 71-12925-20H

JULY 71

Quasistable Condition of a Fissionable Core, by
P. Ye. Vorotnikov.
RUSSIAN, per, Yadern Fiz., Vol 7, 1968,
pp 1228-1233.
AEC KFK-tr-284

Sci-Phys
Aug 69

389,996

Bromsstrahlung in Electron-Electron Scat-
tering at 2×160 MeV, by P. I. Golubnichiy,
Ye. A. Kushnirenko.
RUSSIAN, per, Yadnerya Fizika, Vol 7, No 6,
1968; pp 1240-1245.
FTD-S-427

Mar 69

377,245

Effect of the Optical-Model Parameters on Channel
Analysis of the Neutron Induced Nuclear Fission,
by S. B. Yermagambetov, S. B. Kolesov, 22 pp.
RUSSIAN, per, Yadern Fiz, No 8, 1969, pp 704-712.
AEC/BNL-Tr-273

Sci/Phy
Jan 70

400,190

Effect of Fluctuations of the Partial Widths on
the Competition between Fission and Inelastic Neutron
Scattering, by N. S. Rabotnov, 10 pp.
RUSSIAN, per, Yadern Fiz, No 9, 1969, pp 775-778.
AEC/BNL-Tr-275

Sci/Phy
Jan 70

Neutron Resonances of Gadolinium Isotopes, by
Ye. N. Karzhavina. 18 pp.
RUSSIAN, per, Yadern Fiz, Vol 9, 1969,
pp 897-905.
AEC-BNL-tr-322

Sci-Phys
Oct 70

Stabilizing Shell Effects in Excited Nuclear Levels
and Structure Parameters of the Neutron Strength
Function, by S. I. Sukhoruchkin.

RUSSIAN, per, Yadernaya Fizika, vol. 10, no. 2,
1969, pp. 251-261.

BNL-TR-333

NTC 71-11084-20H

August 71

REF. C. 4 (BNL-tr-164) 5 STRENGTH FUNCTIONS OF ^{235}U AND
230 Pu FOR n- AND p-NEUTRONS. 6 Rylov, Yu. V.; Fenin, Yu. I.
10 Translated by S. J. Amorally (Brookhaven National Lab., Upton,
N. Y.), from 16 Yadern. Fiz.; 13: No. 7, 1039-41 (1971). 20 5p. 24 Dep.
NTIS.

26 physics (nuclear); translations 27 20H

28 MN-34 29 P NSA

AEC (BNL-tr-517) DE-EXCITATION OF p LEVELS IN
EVEN-ODD NUCLEI WITH 21 less than or equal to A less than
or equal to 41 VIA CASCADE DE-EXCITATION FOLLOWING THE
CAPTURE OF THERMAL NEUTRONS. Demidov, A. M.; Jafar,
J. D.; Hall, M. A.; Hussein, F. A. Translated by S. J. Amoretty
(Brookhaven National Lab., Upton, N. Y.), from Yadern. Fiz.
16: No. 1, 3-12(1972). 19p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

Nuclear Physics and Interaction of Particles with
Material.

RUSSIAN, bk, Yademaya Fizika i Vzaïmodeïstvie s
Chastits s Veshchestvo, 1968.

PLENET PRESS

Sci/Physics
Dec 67

545,859

Nuclear Weapons, by V. A. Mikhaylov, 63 pp.
RUSSIAN, bk, Yadernaya Fizika i Yadernoye Oruzhiye,
1966, pp 122-179.
FTD-MT-24-1271-71

Aug 72

Yu. A. Gulin

Results of Mathematical Modeling of Gamma-Gamma
Logging Under Oil-Well Conditions.

RUSSIAN, per, Yadernaya Geofizika, No 7, 1969,
pp 3-20

NTC 72-13277-08G

AEC/UCRL-tr-10591-72

26 pp

sept 72

D. A. Bernshtein

Detailed Study of the Cement Collar Behind
an Oil-Well Casing by the Scattered-Gamma-
Radiation Method.
RUSSIAN, per, Yadernaya Geofizika, No 7, 1969,
pp 163-178
NTC 72-13276-08G
AEC/UCRL-Tr-10592-72 21 pp

sept 72

A. A. Brugin

Stabilized Borehole Gamma - Spectrometer.
RUSSIAN, per, Yadernaya Geofizika, No 7,
1969, pp 189-197
NTC 72-13275-08I
AEC/UCRL-TR-10593-72 14 pp

sept 72

Nuclear Chemistry, by V. I. Gol'danskiy and A.
K. Lavrukhina, 455 pp.

RUSSIAN, bk, Yadernaya Khimiya, 1965, pp. 3-

329,

JPRS 36943

CB 327 pp

USSR
Sci-Chem
Sept 66

311,091

Nuclear Weapons - Physical Fundamentals,
by A. A. Chugasov, 99 pp.
RUSSIAN, bk, Yadernoye Oruzhiye (Fizicheskiye Osnovy), 1965, pp. 3-112.
JPRS 31842

USSR
Sci-NS & Tech
Sept 65

235,899

Nuclear Weapons and the Development of Tactics,
by P. K. Petrus', P. V. Shemansky, 148 pp.
RUSSIAN, bk, Yadernoye Oruzhiye i Razvitiye
Taktiki, 1967, pp 3-239.
ACSI J-3903
ID 2204058767

USSR
Mil
Mar 68

349,331

Nuclear Quadrupole Interactions in Solids, by
V. S. Grechishkin.

RUSSIAN, bk, Yadernye Kvadrupol'nye Vzaimodeistviya v
Tverdykh Telakh, 1973.

*IPST

Nov 72

Nuclear Reactions and Accelerators of Charged Particles
Vol. 60. approx 104 pp.

*RUSSIAN, bk, Yadernye Reaktory i Uskoriteli Zaryazhen-
nykh Chastits.*

Trudy Fizicheskogo Instituta im. P. N. Lebedeva, 1971
CB/Plenum Publ.

aug 71