

<p>Veldre, V. EXCITATION OF THE 3^2P LEVEL OF THE SODIUM ATOM WITH SLOW ELECTRONS. [1960] 10p. Order from ATS \$14.75 ATS-89N47R</p>	<p>61-12781 I. Sodium--Excitation I. Veldre, V. II. ATS-89N47R III. Associated Technical Services, Inc., East Orange, N. J.</p>
<p>Trans. of Akademiya Nauk Latv[izskoy] SSR [Riga]. Izvest[iya] 1956, no. 5(106), p. 105-115.</p>	<p>ATS/15-3362</p>
<p>151563</p>	<p>Office of Technical Services</p>
<p>(Nuclear Physics--Nuclear Reactions, TT, v. 5, no. 8)</p>	

Dubinskaya, N. and Ulmanis, U.
INVESTIGATION OF THE BACK-SCATTERING OF
GAMMA-RADIATION (Issledovanie Obratnorasseyan-
nogo Gamma-Izluheniya) tr. by A. Pingell. 15 Aug 62,
Sp. 6 refs. N.R.L. Trans. no. 910.
Order from OTS \$0.50

62-11765

Trans. of Akademiya Nauk Latviskoi SSSR, Riga.
Izvestiya, 1957, no. 7(120) p. 147-150.

DESCRIPTORS: *Gamma rays, Scattering, Atomic
number, Gamma ray spectroscopy, Radioactive
isotopes.

The intensity of back-scattered gamma-radiation was
investigated as a function of the atomic number of
the Z-scatterer.

(Nuclear Physics and Nuclear Chemistry, TT, v. 8,
no. 10)

62-11765

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- II. Ulmanis, U.
- III. NRL Trans-910
- IV. Naval Research Lab.,
Washington, D. C.

Office of Technical Services

(NY-4687)

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by E. I. Arin', M. A. Shneps, 15 pp.

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(131), 1958, pp 101-107.

JPRS 5427

Sci - Math

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Oct 60

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Carbonyl Compounds, by S. A. Giller, G. P. Sokolov,
6 pp.
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1959, pp 85-90.
ATS-70Q71R

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March 64

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<p>Trans. of Akademiya Nauk Latv[iyskoy] SSR. Riga. Izvestiia 1959, no. 5 [142] p. 73-76.</p>	<p>1. Electrona--Scattering 2. Lithium--Nuclear reactions I. Veldre, V. II. Gaylitia, M. III. ATS-90M46R IV. Associated Technical Services, Inc., East Orange, N. J.</p>
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(DC-3191).

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JPRS-1074-D

Sci - Misc
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(NY-3368).

On the Thermal Processes in an Electromagnetic
Induction Pump, by J. Lielpeteris, 13 pp.

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JPRS 2397

Sci - Engr
Apr 60

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S-47/60

(DC-3451).

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JPRS 3362

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Sci - Med, Misc
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Rare Elements as Alloying Additives to Heat-Resistant Steel, b. L. Semenova, 18 pp.

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JPRS 3360

118,670

Sci - Min/Met
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DTIC 60-51226

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pour, by P. Odintsov, P. Erins.

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No 148, 1959, pp 115-122.

SLA 61-2071b
CSIRO 5239

Sci - Biol

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S-47/60

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Arterial Blood in Certain Lung Diseases, by E.
Grants, 13 pp.

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JPRS 3363

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Sci - Med, Physiology
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12 pp.

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1959, pp 183-190.

JPRS 3361

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Sci - Misc
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NTC-69-16532-11A

Gromov, V. and Formale, M.

THE HYDROTROPIC AND ALKALINE COOKING OF DECIDUOUS WOOD TO CELLULOSE WITH SIMULTANEOUS HYDROGENATION OF THE LIGNIN. I. THE INFLUENCE OF THE HYDROGENATION UPON THE COOKING AND THE PROPERTIES OF THE CELLULOSE (Gidrotropnaya i Shchelochnaya Varka Listvennoi Drevessiny na Tsellyulozi s Odnovremennoi Gidrogenizatsiei Lignina. I. Vliyaniye Gidrogenizatsii na Varku i Svoystva Tsellyulozy). [1963] [22p] (foreign text included) 16refs

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Trans. of [Akademiya Nauk Latvisskoi SSR, Riga, Izvestiya] 1959, no. 12[149] p. 83-90. (Abstract available)

DESCRIPTORS: *Wood, *Wood pulp, Lignin, Cellulose, Hydrogenation, pH, Organic acids, Mechanical properties, Catalysts, (Material:--Wood, TT, v. 11, no. 9) (over)

TT-64-10584

I. Gromov, V.
 II. Formale, M.
 III. Title: Influence...
 IV. Title: Vliyaniye...

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(NY-3883).

Scientific Research Work of the Academy of Sciences
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RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR, No 1,
Riga, 1960, pp 5-16.

JPRS 2755

Sci - Misc
Jun 60

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Taking Into Account the Strong Coupling,
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FED MCL-1291/1

Sci - Phys

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28 Nov 61

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LATVIAN, per. Iz Ak Nauk Latvyskoy SSR, No. 2,
1960, Riga, pp 203-206.

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(NY 11422)

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Sciences Latvian SSR, by K. K. Plaude, 32 pp.

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JPRS 5164

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General Meeting of the Academy of Sciences,
Latvian SSR - 11 February 1960, by Ya. Magons,
16 pp.

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JPRS 5154

Sci - Misc

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The Passage of Gamma-Rays Through a Collimator,
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SSR, No 4, 1960, pp 99-104. 9636818

FID-TT-61-552

Sci - Phys

Sept: 63

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New Effective Raticide -- Diphenylacetyl-Indandione
(Diphenatsin), by N. Nikolayeva, G. Vanag, 6 pp.

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JPRS 10797

Sci - Med

Nov 61

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Vaivade, A. and Lepin', L.
THE EFFECT OF TEMPERATURE ON THE OXI-
DATION RATE OF ALUMINIUM IN WATER AND
AQUEOUS SOLUTIONS OF NEUTRAL SALTS (Vlyane
Temperatury na Skorost' Okislaniya Alyuminiya v
Vode i Voznykh Rastvorakh Neitral'nykh Solei).
27 Aug 62 [18]p. (foreign text included) 20 refs.
Order from OTS or SLA \$1.60 62-18907

Trans. of Akad[emiya] Nauk Latv[viskoi] SSR, Riga].
Izv[estiya], 1960, no. 5(154) p. 89-96.

DESCRIPTORS: *Aluminium, Oxidation, Corrosion,
*Corrosive liquids, Water, Salts, *Potassium com-
pounds, Chlorides, Solutions, Temperature.

The oxidation rate of pickled (in 2.0N HCl solution)
aluminum has been investigated in distilled water and
in 0.001 - 4.0N aqueous solutions of KCl under static
(Metallurgy--Corrosion, TT, v. 10, no. 1) (over)

62-18907

I. Vaivade, A.
II. Lepin', L.

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(SF-1879)
Nitrofurans and Their Use in Medicine, by
M. Belen'kiy, 4 pp.

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JPRS 10796

Sci - Med

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The Plenum on the Question of Using Antibiotics in
Animal Husbandry, by A. Val'dman, 6 pp.

RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR, No 6 (155),
1960, pp 199-202.

JPRS 6502

Sci. - Biol

Jan 61

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(A. Indan, M. Kovalevskiy).

First Enlarged Plenum of the Interdepartmental Geomorphological Commission, by A. Indan, M. Kovalevskiy,

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*JPRS 6502

Sci - Geophys

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4 pp.

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JPRS 6502

Sci - Misc

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JIMS 10529

Sol. Misc
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JPRS 10525

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Sci - Misc
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Establishments of the National Economy,
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JPRS 10529

Sci - Nuc Phys
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JPRS 10529

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Order from OTS or SLA \$1.60 63-10508

Trans. of Akademiya Nauk Latviskoi SSR [Riga].
Izvestiya, 1960, no. 9(158) p. 79-84.

DESCRIPTORS: *Charged particles, Electrons, Scattering, *Quantum mechanics, Potential theory, Series, Perturbation theory.

(Physics--Theoretical, TT, v. 9, no. 11)

63-10508

I. Peterkop, R.

Office of Technical Services

(NY-6475/2)

Friendship with Science, and Its Relation to
Life, by K. Graudin, 11 pp.

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JPRS 9681

Sci - Misc
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*JPRS 9680

Sci - Chem

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(NY-6475).

Friendship with Science, Relation to Life, by K.
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Sci - Misc

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The Effect of a Transverse Magnetic Field
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FTD-TR-61-281

Sci - Phys

19 Mar 62

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JPRS 10462

Sci. - Misc

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Sci - Misc

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Order from ATS \$14.50 ATS-96Q68R

Trans. of Akademiya Nauk Latvinskoi SSR, Riga.
Izvestiya, 1961, no. 3(164), p. 67-76.

DESCRIPTORS: *Phthalic anhydrides, Condensation
reactions, *Phenyl radicals, *Acetic acids, Solutions,
*Amines, Ethyl radicals, *Acetic anhydrides.

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

63-17164

- I. Oskaja, V.
- II. Vanags, G.
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Gromov, V. and Pormale, M.
THE HYDROTROP AND ALKALINE PULPING OF
DECIDUOUS WOOD PULP CELLULOSE WITH SIMUL-
TANEOUS HYDROGENATION OF THE LIGNIN. 2.
FRACTIONATION OF THE PRODUCTS OF THE
HYDROGENATION OF THE LIGNIN, AND THE
SEPARATION OF THE PHENOLS (Gidrotropnaya i
Shelochnaya Murka Listvennoi Drevesiny na Tsellyulozu
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TT-64-14086

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(SF-1878)

General Assembly of the Academy of Sciences Latvian
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JPRS 10664

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Sci - Misc.

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(SP-1376)

Resolution of the General Assembly of the Academy
of Sciences Latvian SSR, 23 Feb 1961, 5 pp.

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JPRS 10564

Sci - Misc.

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(SR-1378)

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JPRS 10664

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JPRS 12308

Sci - Phys

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FTD-TT-62- 396

SCI - PHYS
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*NTIS TT 72-51062

Aug 72

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JPRS 14715

SCI - MISC

AUG 62

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"Field of Application of Exponential Law in
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Izvestiya Akad. Nauk Latvyskoy SSR

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JPRS 13107

Sci - Phys

Mar 62

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Sci - Chem
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JPRS: 15,221

Sci-Misc
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(REF-1880)

Synthesis of Reliable Systems for Unreliable
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JPRS 13813

Sci - Eng
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E-3236144

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RUSSIAN, ~~part~~ Investiya Akh. Nauk Latvinskoy SSR,
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INT-REF-63-858

Sci - Mech Sci & Tech
Jan 61

246, 247
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JPRS 18895

SCI - MISC

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JPRS 20370

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On the Effect of a Transverse Magnetic Field on
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FTD-TT-64-803

Sci - Phys
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RUSSIAN, per, Iz Ak Nauk Latv SSR, No 6(191), 1963,
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