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[illegible]

Immunoelectrophoresis [illegible] cerebrospin[illegible]nii. 1. Methodology.
Cesk. neurol. 28 no.1:14-22 Ja'65

1. Laboratoř pro [illegible] metabolismu bílkovin a proteosyntézu v [illegible] (vedoucí - prof. dr. J.[illegible]) a [illegible] klinika [illegible] Univerzity v [illegible] (přednosta [illegible]).

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STASTNY, Otakar

New types of industrial medical centers in Czechoslovakia. Cesk. zdravot. 7 no.3:139-150 Apr 59.

1. Studijni a typizacni ustav.-v Praze
(INDUSTRIAL HYGIENE,
in Czech., plant med. centers (Cz))
(HOSPITALS,
indust. med. centers in Czech. (Cz))

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STASTNY, T.

T. STASTNY

"Jozef Dekret-Matejovie, a revolutionary figure in the history of our forestry." p. 5. (POLANA, Vol. 9, no. 1, Jan. 1953, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STRAUSNY, V.

Absorption of gases and vapors from forms and cores. p. 307

SLEVARENSTVI (Ministerstvo strojirenstvi a Ministerstvo hutniho prumyslu a rudnych dolu), Vol. 4, No. 10, Oct. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASTNY, V.

Preparation of homogeneous raw materials for the manufacture of cement. p. 98.

Vol. 34, no. 3, Mar. 1956
STAVIVO
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASTNY, V.

Tests with foundry paints.

P. 175, (Stevarenstvi) Vol. 5, no. 6, June 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

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3 [illegible], V.

The Krizna Range in the springtime. p. 1 KRASY SLOVENSKA. Bratislava Vol. 31, no. 3, Mar. 1954.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

Country : Czechoslovakia J
Category : Soil Science. Soil Genesis and Geography.

Publication : Ref. Zhur.-Biologiya No. 11, 1958, No.48601

Author : Chestnov, Vl.
Institute : High School of Agriculture and Forestry in Brno
Title : The Soils of the Agricultural Cooperative in Kamenitsa, the the Cirocha River Valley

Orig. Pub.: Sbor. Vysoke skoly zemed. a Lesn. fak. Brne, 1956, A, No. 3, 181-209

Abstract : Soil-formation conditions are described for the lower part of the northern slopes of the the Carpathians, in the Cirocha River Valley. Alluvial, gray-brown soils and rendzinas are found here. Data are given on the morphological and some agrochemical soil properties.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

SALAT, F.; STASTNY, V.

An apparatus for measurement of spring elasticity. Jemna mech opt 5 no.7:208-209 Jl '60.

1. Meopta, n.p., Praha.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

PEKAREK, Vladimir; STASTNY, Vaclav; BUDLOVSKY, Josef

Use of organic phosphates in agriculture in the former Usti region during the period of 1958-1960. Prac. lek. 14 no.6:289-291 Ag '62.

1. Oddeleni hygieny prace KHES KUNZ v Usti nad Labem, prednosta MUDr. V. Pekarek, Ordinariat nemoci z povolani KUNZ v Usti nad Labem, ordinar MUDr. J. Budlovsky. (PHOSPHORUS POISONS ORGANIC)

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CZECHOSLOVAKIA

FISEROVA-BERGEROVA, V.; ROTH, Z.; STASNY, V.; PODLESAK, K.; Institute of Hygiene of Work and Occupational Diseases, Manager Prof. Doctor J. Teisinger, and Department of Hygiene of Work of the Regional Public Health and Epidemiology Station at Usti nad Labem, Manager Doctor V. Pekarek [Ustav hygieny prace a chorob z povolani v Praze, reditel dr. J. Teisinger, Dr.Sc. a Oddeleni hygieny prace KHES v Usti nad Labem, vedouci dr. V. Pekarek].

"Experiences in Visual Estimation of Cholinesterase Activity by a Colorimetric Method in Sugar Beet and Hop Growing Areas."

Prague, Pracovni Lekarstvi, Vol 15, No 7, 1963, pp280-285

Abstract: Field study was made of colorimetric determination of cholinesterase activity. Samples were taken from a finger and from a vein; colorimetric method agreed with the electrometric method results. Cholinesterase activity and its changes were studied in 1360 farm hand subjects; 70% was a normal finding. Only those who had this activity were allowed to work with organic phosphates; decrease in the activity due to such work corresponded to the intensity of the work performed and to the way of maintaining personal hygiene. When activity fell below 50% contact with phosphates had to be avoided for 2-4 months before normal activity returned. 4 Fig., 4 Tables, 4 Western, 3 Czech references.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

CHARAMZA, Frantisek, inz.; KARSKY, Georgij, inz.; KASL, Josef, inz.; KOCIAN, Jan, inz.; STASTNY, Vaclav, inz.; VISOVA, Eva, inz.

Problem of automation of geodetic calculations. Geod kart obzor 10 no.9/10:217-222 O '64

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASTNY, Valter, inz.

Third National Conference on Machine Dynamics. Stroj cas 15 no.2:201-203 '64

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASTNY, Z. - Kridla Vlasti No. 13, June 1955

To the aid of our agriculture. p.298.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASTNY, Z.

The universal excavator Demag B-504 with hydraulic driving. p. 106. (Rudy, Vol. 5, No. 3, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASINY, Zdenek

Diesel tubular pile drivers. Inz stavby 13 no.1:Suppl:Mechanizace no.1:8-9 '65.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

NEMODRUK, A.A.; STASYUCHENKO, V.V.

Determination of microquantities of copper in waters, soils, and biological materials by means of nickel diethyldithio phosphate. Zhur. anal. khim. 16 no. 4:407-411 Jl-Ag '61. (MIRA 14:7)

1. V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences U.S.S.R., Moscow.
(Copper—Analysis)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

GORIN, L.F.; NEMODRUK, A.A.; STASYUCHENKO, V.V.

Photometric determination of cobalt in soils, plants, and biological materials with -nitroso- -naphthol. Izv. vys. ucheb. zav.; khim. i khim. tekh. 6 no.3:385-389 '63. (MIRA 16:8)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra neorganicheskoy khimii.
(Cobalt--Analysis) (Photometry) (Soil chemistry)

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ACCESSION NR: AP5008035

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621.74.01:669.15-194

31
B

AUTHOR: Stasyuk, G. F. (Engineer)

TITLE: Characteristics of fluidity in complex alloys

SOURCE: Liteynoye proizvodstvo, no. 3, 1965, 37-39

TOPIC TAGS: steel, fluid dynamics, fluid property, molten metal, metal casting

ABSTRACT: The author studies the teeming properties of various complex alloys. The experimental equipment and method are briefly described. A fluctuation is observed in the rate of flow of the metal from various heights at various temperatures. This fluctuation was observed in both vertical and spiral measurement channels. A hydrodynamic explanation is given for this phenomenon. Jumps observed in the fluidity of the alloys at certain temperatures are attributed to structural changes which take place in the molten metal. This hypothesis is experimentally verified. Orig. art. has: 12 figures.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 007

ENCL: 00

OTHER: 002

SUB CODE: MM

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MAZUR, O.E., inzh.; YASINSKIY, S.I. [IAsyns'kyi, S.I.], mekhanik; DZYAKAN, I.P., brigadir traktornoy brigady; DONDRATYUK, D.G. [Kondratiuk, D.H.], mekhanik; STASYUK, G.V. [Stasiuk, H.V.], mekhanik; KAPITANOV, P.S.

Our discussions. Mekh. sil'. hosp. 12 no.9:22-23 S '61. (MIRA 14:11)

(Agricultural machinery—Maintenance and repair)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, I.I.

All for one and one for all. Avtom., telem. i sviaz' 7 no.6:18-23 Je '63. (MIRA 17:3)

1. Nachal'nik 1-y Kiyevskoy distantsii signalizatsii i svyazi Yugo-Zapadnoy dorogi.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, I.M.

Statistically reliable fluctuations of the amount of electrophoretic serum protein fractions. Lab. delo. no.1:25-29 '65.
(MIRA 18:1)

1. L'vovskiy institut tuberkuleza (direktor - kand. med. nauk G.I. Chemeris).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

SOV/20-126-3-23/69

24(2)

AUTHORS: Glauberman, A. Ye., Vladimirov, V. V., Stasyuk, I. V.

TITLE: A New Form of the Polar Model of a Crystal (Novaya forma polyarnoy modeli kristalla)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 543 - 545 (USSR)

ABSTRACT: In the first part of the present paper the so-called polar model, which is of great importance in the many-electron theory of solids in connection with transport processes, is dealt with. If the polar states are taken into account, it is possible to represent the Hamiltonian of a crystal in form of the equation (1) (in second quantization), in which the complex index denotes the number of lattice points, the state of the valence electron, and the spin. The formulation of the problems of elementary excitation (quasicorpuscular) is considered to be of basic and practical importance, and so is the theoretical investigation of the polar model by the method introduced by S. Shubin and S. Vonsovskiy. Here, the bilinear groups of Fermi amplitudes are replaced by the sum of a group of new Bose operators. In the second part of this paper the new form of the theory is discussed, and it is initially pointed out that it contains no major errors. By a canonical transformation

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A New Form of the Polar Model of a Crystal SOV/20-126-3-23/69

of the Fermi operators the excitation operators of the dyads and holes are obtained. For purposes of illustration, the problem of the atomic semiconductors is then investigated according to the new method, and a comparison is drawn with that developed by Shubin and Vonsovskiy. The scheme introduced makes it possible to investigate the saturated spin background and the displaced background, as well as to calculate the excitons. There are 6 references, 5 of which are Soviet.

ASSOCIATION: L'vovskiy gosudarstvennyy universitet im. Ivana Franko (L'vov State University imeni Ivan Franko)

PRESENTED: February 16, 1959, by N. N. Bogolyubov, Academician

SUBMITTED: January 12, 1959

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

S/181/60/002/01/27/035
B008/B014

AUTHORS: Glauberman, A. Ye., Vladimirov, V. V., Stasyuk, I. V.

TITLE: Theory of Elementary Excitation in Atomic Crystals

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 1, pp. 133-143

TEXT: In theoretical studies on the multielectron theory of solids the polar model is often based on the method developed by S. I. Shubin and S. V. Vonsovskiy. As the usual scheme of this method causes many difficulties, the authors of the article under review devised a new general scheme for the "re-denotation" of operators. This scheme permits a logical development of the theory of elementary excitation in semiconductors if one s-state and the p-states are taken into account. The statistics of true elementary excitations results unambiguously from the model. The separation of the background and "averaging" over the background are fully satisfied. An introductory rule is set up for exciton operators in this connection. The scheme described apparently offers special advantages in the case of the "open spin" degenerate background. Here, the problem of averaging over the background has not yet been solved

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

Theory of Elementary Excitation in Atomic Crystals

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B008/B014

satisfactorily. The rules governing the elimination of true excitation from undefined operators (if they do not agree with one another) also result unambiguously from the model. These rules permit an accurate verification of the terms of "quadratic" approximation as well as the terms of higher orders of magnitude describing kinetic phenomena. Mention is made of Frenkel'. There are 7 Soviet references.

ASSOCIATION: L'vovskiy gosudarstvennyy universitet (L'vov State University)

SUBMITTED: February 26, 1959

VB

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

S/053/60/071/01/03/011
B006/B011

AUTHORS: Glauberman, A. Ye., Stasyuk, I. V.

TITLE: Third Conference on the Theory of Semiconductors

PERIODICAL: Uspekhi fizicheskikh nauk, 1960, Vol. 71, No. 1, pp. 117-130

TEXT: This Conference was held at L'vov from April 2 to 9, 1959, and was organized by the Komissiya po poluprovodnikam AN SSSR (Commission for Semiconductors of the AS USSR) and the Komissiya po poluprovodnikam AN USSR (Commission for Semiconductors of the AS UkrSSR) jointly with the L'vovskiy gosudarstvennyy universitet im. I. Franko (L'vov State University imeni I. Franko). The Conference was attended by 200 delegates from Moscow, Leningrad, Kiyev, Sverdlovsk, Khar'kov, L'vov, Minsk, Tbilisi, Tartu, and other centers. In total 86 lectures were heard. The first address was delivered by F. T. Koval', Secretary of the L'vov oblast' Committee of the Ukrainian CP, followed by Professor A. I. Yurzhenko, deputy rector, who spoke on behalf of the rector of L'vov State University. The Conference was opened by Professor S. I. Pekar, who spoke on the development of the semiconductor theory in the USSR in the two and a half

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years elapsed since the previous conference. A great number of lectures was devoted to the many-electron theory of solids. Lecturers were S. V. Vonsovskiy, M. Sh. Giterman, G. I. Gusev, G. G. Taluts on the treatment of electronic excitations with the many-electron theory; V. I. Cherepanov and V. S. Galishev on the selection rules for optical exiton transitions in dipole and quadrupole approximation; Yu. A. Firsov took part in the discussion. Ye. N. Agafonova and I. A. Korunova spoke on the consideration of the influence exerted by Bose excitations on the thermal conductivity of atomic semiconductors. In his lecture concerning the theory of elementary excitations in semiconductors, A. Ye. Glauberman suggested a new form of a polaron model of the crystal. This new method is outlined in its main features. V. L. Bonch-Bruyevich dealt with some problems of the theory of electron - hole plasma in semiconductors. M. Ya. Azbel' took part in the discussion. Further lectures were devoted to the theory of exiton excitation in crystals. Lecturers were S. I. Pekar on the theory of electromagnetic waves in a crystal in the zone of exiton absorption, I. M. Dykman and S. I. Pekar on light waves in crystals in the zone of exiton absorption and the impurity photoeffect; Yu. M. Popov and V. M. Agranovich took part in the discussion; V. A. Moskalenko on

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exiton energy in ion crystals, E. M. Rashba on the effect of resonance excitation transfer in the theory of exitons with large radius; A. G. Samoylovich and A. A. Lipnik on bond and decay of Mott exiton, S. I. Pekar and M. I. Kaganov took part in the discussion. A. V. Tulub spoke on the free path length of the exiton in polar crystals. Further lectures were devoted to the optical properties in semiconductors. Lecturers were L. E. Gurevich and Z. I. Uritskiy on the theory of infrared absorption of crystals (Ye. F. Gross, B. P. Zakharchenya, and Pavinskiy are quoted); A. V. Sokolov and V. P. Shirokovskiy on the theory of optical properties in semiconductors; O. V. Konstantinov and V. I. Perel' on the effect of spatial dispersion in the passage of waves through a semimetal in a strong magnetic field (M. Ya. Azbel' and M. I. Kaganov took part in the discussion); A. G. Samoylovich, M. I. Klinger, and L. L. Kornblit on the statistical theory of linear irreversible processes; Yu. P. Irkhin and Ye. A. Turov on the phenomenological theory of electrical conductivity of ferromagnetic semiconductors. A. I. Ansel'm and I. G. Lang delivered a lecture on the theory of two-phonon scattering of conduction electrons in atomic crystals, M. A. Krivoglaz on the theory of phonon thermal conduction of crystals, A. I. Ansel'm and V. M. Agranovich took part in the

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discussion. Further lectures were delivered by Yu. M. Popov and V. A. Chuyenkov on the dependence of the mobility of electrons and holes in germanium and silicon on the electric field strength at low temperatures, M. I. Iglitsyn, Yu. A. Kontsevoy, and K. V. Temko on the calculation of the conduction recovery time of the basic region of the planar transition by taking into account the dependence of the carrier lifetime on the injection level; E. I. Adirovich and Ye. M. Kuznetsova on the capacity and the electric breakdown of p-n transitions; V. A. Chuyenkov on the theory of electric breakdown in semiconductors; L. V. Keldysh on the kinetic theory of impact ionization in semiconductors, G. V. Gordeyev on the current multiplication due to impact ionization on the p-n transition; A. Yu. Leyderman and P. M. Karageorgiy-Alkalayev on the application of the scheme of a semiconductor with one impurity level to explain the photoconductivity and photoactivity quenching effects. A further group of lectures was devoted to the study of the structure of the energy spectrum of the current carrier. Lecturers were A. I. Gubanov and A. A. Nran'yan on the investigation of the energy spectrum of semiconductors with sphalerite structure; K. D. Tovstyuk and I. V. Gvozdovskiy on the energy spectrum of current carriers in crystals having the structure of zinc

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blende; V. A. Chaldyshev on the structure of the energy spectrum of crystals with chalcopyrite lattice (Smolukhovskiy is mentioned); Ye. I. Cheglokov on the application of the method of equivalent orbits for the calculation of the valence bands of some covalent crystals; G. Ye. Pikus and G. L. Bir on the influence exerted by deformation on the energy spectra and energetic properties of p-type germanium and silicon; A. I. Ansel'm took part in the discussion. The following lectures were devoted to the theory of impurity centers, their luminescence, and to the calculation of the recombination of the various centers in the crystal. Lecturers were I. A. Mirtskhulav on the determination of the recombination coefficients of different centers in the crystal (S. I. Pekar is mentioned); A. I. Gubanov, S. I. Pekar, and V. L. Bonch-Bruyevich took part in the discussion; A. M. Ratner and G. Ye. Zil'berman on the theory of luminescence of impurity centers; I. N. Kristofel' on the quantum-mechanical calculation of adiabatic potentials and spectra of luminescence center in KCl-Tl; Yu. E. Perlin on the consideration of the polaron effect in the theory of the many-photon ionization of impurity centers; K. K. Rebane on the relationship between recombination luminosity and conductivity in crystal phosphors; V. M. Buymistrov and V. N. Piskovyy on an investigation of the

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accuracy of the variation method in the problem of the impurity absorption in silicon crystals; M. M. Zaripov, V. M. Vinokurov, and V. G. Stepanov on the paramagnetic resonance in rutile single crystals; A. G. Samoylovich and S. L. Korolyuk on the theory of elementary excitations in atomic semiconductors with two valency electrons on each atom; S. V. Vonsovskiy and M. Sh. Giterman on the treatment of ion crystals with the many-electron theory; I. V. Stasyuk on the calculation of the magnetic resistance of semiconductors; V. V. Vladimirov on the calculation of the contribution given by Frenkel' exitons in the magnetic conductivity of semiconductors; A. Ye. Glauberman and I. T. Tsymburskaya on the consideration of the character of the chemical bond in the theory of the magnetic resistivity of germanium-type semiconductors; K. B. Tolpygo on the theoretical investigation of the properties of not fully polar crystals. The structure of the carrier energy spectrum was dealt with in the following lectures: A. I. Gubanov and F. M. Gashimzade (Investigation of the structure of semiconductors of the type of $CdIn_2Se_4$ with the method of the group theory); K. Ya. Shtivel'man (investigation of p-type energy spectrum in crystals with diamond structure by means of the many-electron theory); O. V. Kovalev and T. Ya. Lyubarskiy (contact of energy bands in

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crystals); Ye. K. Kudinov (computation of p-type energy spectrum in Bi_2Te_3 under consideration of the bond character); E. I. Rashba and V. I. Sheka (investigation of the band structure of semiconductors with the group theory); V. I. Cherepanov (optical properties of semiconductors in the infrared); S. A. Moskalenko (exiton absorption of light in cuprous oxide at the long-wave edge of self-absorption); A. A. Vorob'yev (relationship between additional absorption and chemical composition in alkali halide crystals); I. V. Abarenkov (investigation of the properties of F-centers); L. E. Gurevich and I. P. Ipatova (Faraday effect in semiconductors on the free carriers); I. D. Potekhina (relaxation processes in a phototriode); V. Ye. Khartsiyev (kinetics of photo- and thermostimulation processes); Ye. N. Agafonova and A. A. Yakub (influence of anisotropy of the energy spectrum of an atomic semiconductor on the thermoelectromotive force); G. A. Zholkevich (experimental investigation of the change in photoelectric properties of zinc selenide layers in dependence on their structure); M. I. Kaganov and V. M. Tsukernik (influence of thermoelectric forces on the skin effect in metals); A. D. Chevychelov (volt-ampere characteristic of the p-n transition under consideration of the electron - hole recombination in the transition layer); A. G. Samoylovich and M. I. Klinger

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(investigation of anisotropic weak electron-phonon scattering in anisotropic energy spectra of electrons and holes by means of a general non-equilibrium distribution function); B. Ya. Yurkov (computation of the range-energy ratio for silicon-type crystals); Ye. P. Pokatilov (investigation of the carrier resonance under the action of ultrasonic waves); V. A. Kovarskiy (investigation of the dependence of thermal transitions of electrons in semiconductors on the electron-phonon coupling constant); I. G. Lang (two-phonon processes in the scattering of conduction electrons in ion crystals); L. E. Gurevich and G. A. Roman (calculation of the thermal conductivity of ferromagnetic semiconductors at low temperatures); B. Ya. Moyzhes (heat-transfer in monoaxial crystals due to electromagnetic radiation); Ye. D. Devyatkova and I. A. Smirnov are mentioned; N. P. Kontorovich and Yu. P. Irkhin (electrical conductivity of magnetite at low temperatures); A. G. Samoylovich and V. M. Nitsovich (influence of the correlation between electrons on the electric properties of a semiconductor with narrow impurity band); V. P. Shabanskiy (non-equilibrium processes in impurity semiconductors); V. G. Skobov (conductivity of semiconductors at low temperatures in the strong magnetic field); F. G. Bass and M. I. Kaganov (theory of galvanomagnetic phenomena on the basis of

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classical equations of motion if $\mu H \ll kT$); I. M. Tsidil'kovskiy and V. P. Shirokovskiy (galvano- and thermomagnetic phenomena in n- and p-type germanium under consideration of the carrier spectrum); S. M. Ryvkin, Yu. L. Ivanov, A. A. Grinberg, S. R. Novikov, and N. D. Potekhina (concentration distribution of the minority carrier in the magnetic field); V. L. Gurevich (absorption of ultrasonics in metals in the magnetic field); A. M. Kosevich and V. V. Andreyev (the collision integral in the quantum-kinetic equation); M. I. Kaganov (on the relaxation of the magnetic moment in ferromagnetic dielectrics); K. B. Vlasov and B. Kh. Ishmukhametov (rotation of polarization plane of elastic waves in magnetically polarized magnetoelastic media); Ye. A. Turov (theory of weak ferromagnetism). The following problems were discussed at the seminar on the theory of p-n transitions: (1) calculation of the statistical volt-ampere characteristic of the p-n transition at high injection levels (lecture by V. I. Stafeyev); (2) computation of the statistical volt-ampere characteristic of the p-n transition in the case of recombination in the zone of volume charge (lecture by V. I. Stafeyev and B. V. Tsarenkov); (3) influence of volume charge of moved carriers on the electric breakdown of a strong asymmetric p-n transition (lecture by A. I. Uvarov). The following

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Third Conference on the Theory of Semiconductors S/053/60/071/01/03/011
B006/B011

delivered lectures at the seminar on the mechanism of luminescence and electrical conductivity in ion crystals: Ch. B. Lushchik (luminescence in alkali halide crystals); P. V. Meyklyar and V. V. Gladkovskiy (dark conductivity of silver bromide and its change after exposure to light); the following spoke at the seminar on Green functions in statistical physics: V. L. Bonch-Bruyevich and Sh. M. Kogan on the theory of Green temperature quantum functions, and N. N. Bogolyubov and S. V. Tyablikov on advanced and delayed Green functions in statistical physics. There are 13 references, 9 of which are Soviet.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

GLAUBERMAN, A.Ye.; STASYUK, I.V.

Theory of elementary excitations in systems with an open-spin background. Fiz.tver.tela 3 no.7:2081-2096 Jl '61. (MIRA 14:8)

1. L'vovskiy gosudarstvennyy universitet imeni Ivana Franko.
(Nuclear spin) (Crystals--Models)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

30331
S/185/61/006/005/007/019
D274/D303

24,7700 (1043,1055,1144)

AUTHORS: Stasyuk, I.V., and Hlauberman, A.Yu.

TITLE: On the formation of impurity bands

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 6, no. 5, 1961, 642 - 654

TEXT: The formation of impurity bands is considered by means of the many-electron theory. The present study is related to Ref. 2 (A.Yu. Glauberman, V.V. Vladimirov, I.V. Stasyuk: FTT, 2, 133, 1960). A semiconductor model is considered which is representative of germanium or silicon with pentavalent impurities. It is assumed that the crystals have a cubic structure as well as impurity atoms; the atoms of the principal sublattice (denoted by σ) have two electrons each, and the impurity atoms (ρ - sublattice) - one electron each. The Hamiltonian of the electron system is

$$\hat{H} = \sum_{q\lambda f} E_\lambda a^+_{q\lambda f} a_{q\lambda f} + \sum_{qq'\lambda\lambda' f} L(q\lambda, q'\lambda') a^+_{q\lambda f} a_{q'\lambda' f} + \qquad (1.1)$$

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D274/D303

On the formation of impurity bands

$$+\frac{1}{2}\sum_{\substack{qq'll'\\ \lambda\lambda'\nu\nu'f}} \Phi(q\lambda q'\lambda', l\nu l'\nu')\, a^{+}_{q\lambda f} a^{+}_{q'\lambda' f'} a_{l'\nu' f'} a_{l\nu f}; \qquad (1.1)$$

where q is the number of the lattice point, ν, λ denotes the electrontron state (s or p), f is the electron spin;

$$L(q\lambda, q'\lambda') = \int \varphi^{*}_{q\lambda}(\mathbf{r}) \sum_{p\neq q} V(\mathbf{r}-\mathbf{R}_p)\, \varphi_{q'\lambda'}(\mathbf{r})\, d\mathbf{r};$$

$$\Phi(q\lambda q'\lambda', l\nu l'\nu') = \iint \varphi^{*}_{q\lambda}(\mathbf{r})\, \varphi_{l\nu}(\mathbf{r}) \frac{e^2}{|\mathbf{r}-\mathbf{r}'|} \varphi^{*}_{q'\lambda'}(\mathbf{r}')\, \varphi_{l'\nu'}(\mathbf{r}')\, d\mathbf{r}\, d\mathbf{r}';$$

"Triplets" and "singlets" are considered in the σ-sublattice, and "doublets" and holes in the ρ-sublattice. The transition to the operators of the quasi-particles is effected by means of

$$a^{+}_{\rho s_{\frac{1}{2}}} = \frac{1}{\sqrt{2}}(\alpha^{+}_{\rho} + \beta_{\rho}),$$
$$a^{+}_{\rho s_{-\frac{1}{2}}} = \frac{1}{\sqrt{2}}(\alpha^{+}_{\rho} - \beta_{\rho}), \qquad (1.2)$$

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$$a^{+}_{\sigma s_{\frac{1}{2}}} = \beta_{\sigma_1} \qquad a^{+}_{\sigma p_{\frac{1}{2}}} = \alpha^{+}_{\sigma_1} \tag{1.2}$$

$$a^{+}_{\sigma s_{-\frac{1}{2}}} = \beta_{\sigma_2} \qquad a^{+}_{\sigma p_{-\frac{1}{2}}} = \alpha^{+}_{\sigma_2}.$$

If the terms which describe pair creation or annihilation are neglected, the dislocation Hamiltonian is written in the second approximation:

$$\hat{H}_p = \hat{H}_\alpha + \hat{H}_\beta \tag{1.3}$$

where $\hat{H}_\alpha$ and $\hat{H}_\beta$ are given by expressions. The terms of these expressions which contain K_1 and K_2 describe the migration of elementary dislocations from the principal sublattice to the impurity sublattice and conversely. These processes lead to the formation of impurity bands of considerable width. Further, the Hamiltonian $\hat{H}_\alpha$ is diagonalized. This involves a transition to k-space (quasi-momentum space). After transformations, one obtains:

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$$\hat{H}_a = \sum_{\mathbf{k},m} E_m(\mathbf{k})\, \xi^+_{m\mathbf{k}} \xi_{m\mathbf{k}} \qquad (m = 1, 2, 3). \tag{3.31}$$

The energies $E_1(k)$ and $E_2(k)$ are those of the elementary dislocations, described by the Fermi-operators ξ^+_{1k}, ξ_{1k}, and ξ^+_{2k}, ξ_{2k}. These elementary dislocations correspond to "triplets" in the principal sublattice (the conductance electrons of band theory). With low impurity-concentrations the width of the impurity band is given by

$$\triangle E' = 12P(d). \tag{2.34}$$

The dependence on concentration, of the integral P(d) which describes the interaction between impurity sites and principal sites, can be estimated by using quasi-hydrogenic wave-functions instead of atomic wave-functions. Thereupon one obtains

$$\triangle E' \cong 12\, F(d)\, d^3\, e^{-\frac{d}{\alpha}}, \tag{2.35}$$

where F(d) increases with d (linearly); α is a parameter of the

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same order as the lattice constant. The constant d of the impurity lattice can be expressed by the concentration of impurity atoms, viz.

$$d^3 = \frac{V}{N_\rho} . \qquad (2.36)$$

It follows from (2.35) that even in the approximation neglecting terms with $K_2(k)$, the decrease in band-width with decreasing impurity concentration is much slower than would follow from a direct interaction between impurity sites. Due to the exponential factor $e^{-d/\alpha}$, the width $\Delta E'$ is small, and with an impurity concentration of $10^{14} - 10^{15}$ cm^{-3}, it is close to zero. Taking into account the dislocation migrations between the σ- and ρ sublattices, leads to a considerable change in the energy spectrum of the impurity carriers. In this case, the dependence (on concentration) of $\Delta E'$, can be ascertained by investigating the dependence (on concentration) of K_2 (k). After transformations, one obtains

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$$K_2(\mathbf{k}) = 8\sqrt{\frac{N_\rho}{N_a}}\left[K_2'(a') + Ge\eta\frac{N_\rho}{V}\right]\cos\frac{k_x a}{2}\cos\frac{k_y a}{2}\cos\frac{k_z a}{2}. \qquad (3.13)$$

The width of the "doublet" impurity band is given by

$$\Delta E_3 = 8\sqrt{\frac{N_\rho}{N_a}}\left[K_2'(a') + Ge\eta\frac{N_\rho}{V}\right]\left[1 + \frac{P - \bar{P}_1}{6\bar{P}_1(a)}\right]^{3/2}. \qquad (3.17)$$

and that of the "hole" impurity band:

$$\Delta E_6 = 8\sqrt{\frac{N_\rho}{N_a}}\left[K_1'(a') + Ge\eta'\frac{N_\rho}{V}\right]\left[1 + \frac{R - \bar{R}_1}{6\bar{R}_1(a)}\right]^{3/2}. \qquad (3.18)$$

In conclusion, the main reason for the formation of impurity bands is the migration of elementary dislocations (doublets and triplets, holes and singlets) from the principal sublattice to the impurity sublattice and conversely. The dependence of the width of the impurity band on concentration, follows a power law. Such a dependence makes it possible to understand the formation of impurity bands in the case of low concentrations. There are 4 references: 3 Soviet-

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S/18[illegible]/61/006/005/007/019
D274/D303

On the formation of impurity bands

bloc and 1 non-Soviet-bloc (in translation).

ASSOCIATION: L'vivs'kyy derzhavnyy universytet im. I. Franka (L'viv State University im. I. Franko)

SUBMITTED: August 8, 1960

Card 7/7

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

S/058/63/000/003/067/104
A059/A101

AUTHORS: Stasyuk, I. V.

TITLE: Method of approximate secondary quantization in the multiple-electron theory of non-metallic crystals

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 54, abstract 3E363 ("Visnyk L"vivs"k. un-tu. Ser. fiz.", 1962, no. 1(8), 32 - 44, Ukrainian)

TEXT: The general scheme of introducing the operators of nodal elementary excitations is given which permits to develop step by step the theory of elementary excitations in non-metallic crystals on the basis of the approximate secondary quantization method. The actual form of transformations from the Fermi operators of electrons to the operators of nodal excitations has been established for the following models: 1) around each of the N atoms of the crystal lattice in the ground state, there are two electrons with antiparallel spin orientations (closed-spin background); 2) the atomic crystal in the ground state of which there is one conduction electron at each node (open-spin back-

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ground). The method permits to examine step by step the spin-node excitations. The statistics of the nodal elementary excitations is obtained in a single-valued way.

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, I.V.

Energy spectrum of Frenkel excitons in an external magnetic field. Ukr. fiz. zhur. 8 no.12:1386-1389 D '63. (MIRA 17:4)

1. L'vovskiy gosudarstvennyy universitet im. Iv.Franko.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

S/0185/64/009/001/0003/0013

ACCESSION NR: AP4012026

AUTHOR: Glauberman, A. Yu.; Stasyuk, I. V.

TITLE: The method of nodal elementary excitations in the theory of semiconductors

SOURCE: Ukrayins'ky*y fizy*chny*y zhurnal, v. 9, no. 1, 1964, 3-13

TOPIC TAGS: semiconductor, Frenkel exciton, non-metallic crystal, nodal excitation, quasi particle

ABSTRACT: A general, precise theory of nodal elementary excitations for non-metallic crystals has been developed, in which the ground state of the system is consistently separated by the variational method. In the general case two branches of nodal excitations are established analytically. One of them describes charged quasiparticles which transmit current, and the corresponding various Frenkel excitons. The operators of this branch obey quasi-Pauli commutation relations. The method is illustrated on a simple spin-compensated background model, i. e., an atomic crystal in the ground state of which two electrons with oppositely directed spins are located at every node of the lattice.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

ACCESSION NR: AP4012026

Orig. art. has: 41 formulas.

ASSOCIATION: L'vivs'ky*y Derzhuniversy*tet im. Iv. Franka (L'vov State University)

SUBMITTED: 27Jun63 DATE ACQ: 14Feb64 ENCL: 00

SUB CODE: PH NO REF SOV: 012 OTHER: 001

Card 2/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

L 04227-67 EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AR6031901 SOURCE CODE: UR/0058/66/000/006/E139/E139

49

B

AUTHOR: Didukh, L. D.; Stasyuk, I. V.

TITLE: Indirect exchange interaction through polar excitation in ferromagnets

SOURCE: Ref. zh. Fizika, Abs. 6E1079

REF SOURCE: Visnyk L'vivs'k. un-tu. Ser. fiz., no. 2, 1965, 14-18

TOPIC TAGS: electron interaction, electron spin, antiferromagnetism, transition metal

ABSTRACT: It is shown that indirect exchange interaction in ferromagnets contributes to an antiferromagnetic ordering of spins. It is pointed out that exchange interaction of this kind explains the antiferromagnetism of some transition metal alloys. [Translation of abstract]

SUB CODE: 09, 20/

Card 1/1

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

L 07106-67 EWT(1)

ACC NR: AP6029098 SOURCE CODE: UR/0048/66/030/006/0915/0920

AUTHOR: Didukh, L.D.; Stasyuk, I.V.

ORG: Physics Department, L'vov State University (Fizicheskiy fakul'tet L'vovskogo gosudarstvennogo universiteta)

TITLE: Contribution to the theory of exchange interactions in antiferromagnets taking polar excitations into account /Report, All-Union Conference on the Physics of Ferro- and Antiferromagnetism held 2-7 July 1965 in Sverdlovsk/

SOURCE: AN SSSR, Izvestiya, Seriya fizicheskaya, v. 30, no. 6, 1966, 914-920

TOPIC TAGS: spin wave, antiferromagnetism, electron interaction, exchange interaction, temperature dependence

ABSTRACT: The authors calculate the energy spectrum of the spin waves in an antiferromagnet consisting of two ferromagnetic sublattices with opposite polarizations, having one s electron at each lattice site. Direct exchange interaction is neglected, and the Hamiltonian on which the calculations are based contains only terms representing the energy of the electron in the s state and the Coulomb energy of two electrons at the same site, and terms involving the transfer integrals. This Hamiltonian is subjected to two successive canonical transformations of the type discussed by A.Yu.Glauberman and I.V.Stasyuk (Ukr.fiz. zh., 9, 3 (1964)) and with the aid of several simplifying assumptions, including the assumption that the ratio of the transfer inte-

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ACC NR: AP6029098

gral to the Coulomb energy is small, it is expressed in terms of the known delocalization superexchange integral of P.W.Anderson (Phys. Rev., 115, 2 (1959)) and creation and destruction operators for holes, pairs, and magnons. From this Hamiltonian the spin wave energy spectrum is derived by a Green's function technique; it is found to be temperature dependent. The authors thank A.Yu.Glauberman and A.M.Muzychuk for valuable remarks and discussions. Orig. art. has: 29 formulas.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 008 OTH REF: 003

Card 2/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

37427

S/190/62/004/005/001/026
B119/B101

5.3431

AUTHORS: Kocherginskaya, L. L., Rozenblyum, N. D., Stasyuk, Kh. A.

TITLE: Preparation and properties of ion exchange films from graft copolymers on the basis of polyolefins and some monomers

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 5, 1962, 633-636

TEXT: Ion exchange membranes were prepared by radiation grafting of styrene or mixtures of styrene and acrylonitrile on films of high-pressure polyethylene or of the ethylene copolymer with 15% propylene (CEP-15) (film thickness: 30 and 15 μ) and by subsequent sulfonation. Cobalt-60 was used as radiation source. The radiation dose was varied between 1.03 and 16.5 megarad, the mixing ratio acrylonitrile - styrene between 0 : 100 and 20 : 80, and the solvent for the monomer was also varied. The electrical resistivity in a 1 N NaCl solution, the extensibility, and the tensile strength of the resulting membranes were measured. Results: The electrical resistivity decreases as the content of graft monomer increases; whereas the ion exchange capacity increases. Extensibility and

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tensile strength are higher with CEP-15 than with polyethylene; the values increase with increasing content of acrylonitrile. Acrylonitrile reduces the brittleness of films which may then be stored in a dry place. Methanol as monomer solvent (80 to 85% solutions) reduces considerably the radiation dose required for grafting. 60 - 80 μ membranes with an electrical resistivity of 0.1 ohm·cm^2 in 1 N NaCl were obtained on the basis of CEP-15 with acrylonitrile and styrene. Their ion exchange capacity is approximately 4 mg·eq/g. There are 3 figures and 3 tables.

ASSOCIATION: Vsesoyuznyy institut istochnikov toka (All-Union Institute of Current Sources)

SUBMITTED: February 1, 1961

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

U ZHUN-ZHUY [Wu Jung-jui]; STASYUK, Kh.A.; KOCHERGINSKAYA, L.A.; ROZENBLYUM, N.D.; KONKIN, A.A.; ROGOVIN, Z.A.

Radiation grafting of vinyl monomers to polyolefin fibers. Khim. volok. no.5:12-15 '63. (MIRA 16:10)

1. Moskovskiy tekstil'nyy institut.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

L 30776-66 EWP(j)/EWT(m)/ETC(f) GG/RM/DS

ACC NR: AP6022136 SOURCE CODE: UR/0080/65/038/012/2662/2665

AUTHOR: Kocherginskaya, L. L.; Rozenblyum, N. D.; Stasyuk, Kh. A.; Zhitkova, L. G.; Breger, A. Kh.

32
B

ORG: none

TITLE: Obtaining ion-exchange membranes by the pre-irradiation method

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 12, 1965, 2662-2665

TOPIC TAGS: phosphorylation, ion exchange membrane, gamma irradiation, sulfonation

ABSTRACT: To verify the possibilities of the pre-irradiation method, polyolefin films were irradiated on a unit used for radiation-chemical research with Co^{60} gamma-radiation source (dose strength -- 0.15 megarad/hour) in the presence of atmospheric oxygen. The peroxide group content in irradiated films was determined by an iodometric method. It was established that the peroxide group content at room temperature does not vary over a period of two to three months. Grafting of the monomer was carried out in air at an elevated temperature outside the irradiated zone. For introduction of ionogenic groups, the grafted films underwent sulfonation, saponification, or phosphorylation. It was found that the presence of an oxidation inhibitor

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L 30776-66

ACC NR: AP6022136

in the polyolefin films, introduced during their manufacture, does not affect rate of monomer grafting (the monomers were purified by agitation with 20% NaOH, rinsed with distilled water, dried over calcium chloride, and distilled at reduced pressure). Conditions were selected for radiation grafting by the pre-irradiation method, with styrene and acrylonitrile in the ratio of 85:15, from an 80% solution of this mixture in methanol. Orig. art. has: 3 figures and 2 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 10Dec63 / ORIG REF: 002 / OTH REF: 005

Card 2/2 JS

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, M. N.

Attachment for cutting progressive pitch of a spiral. Mashinostroitel' no.12:23 D '62. (MIRA 16:1)

(Screw-cutting machines--Attachments)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, M.N.

Drill for deep drilling of calender shafts. Mashinostroitel' no.2: 21 F '63. (MIRA 16:3)

(Twist drills)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

VARENYSHEV, Boris Vasil'yevich, podpolkovnik; STASYUK, N.A., redaktor; SHEVCHUK, M.K., redaktor; SOROKIN, V.V., tekhnicheskiy redaktor

[Demolition manual for soldiers] Soldatu o podryvnom dele. Moskva, Voen. izd-vo M-va obor. SSSR, 1956. 110 p. (MLRA 10:4)
(Demolition, Military)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

SIDOROV, Sergey Sergeyevich; STASYUK, N.A., redaktor; SOROKIN, V.V., tekhnicheskiy redaktor

[Roads and cross-country routes] Dorogi i kolonnye puti. Moskva, Voen. izd-vo M-va obor. SSSR, 1956. 118 p. (MIRA 10:10)
(Military roads)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, N.A.

KHOVRATOVICH, Adam Adamovich; STASYUK, N.A., redaktor; KAZAKOVA, V.Ye., tekhnicheskiy redaktor

[Crossing rivers] Cherez reki. Moskva, Voen. izd-vo M-va obor. SSSR, 1956. 131 p. [Microfilm] (MLRA 10:4)

(Military bridges)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, N. A.

BELOKON', Anatoliy Prokof'yevich, polkovnik, kandidat voyennykh nauk; STASYUK, N.A., redaktor; SOROKIN, V.V., tekhnicheskiy redaktor

[Fortifications in mountains] Fortifikatsiia v gorakh. Moskva, Voen.izd-vo M-va obor. SSSR, 1956. 287 p. (MLRA 10:10)

(Fortification)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, M. A.

KAZIN, Vladimir Vladimirovich, inzhener-polkovnik, dots., kand.tekhn.nauk;
MAYKOV, Yevgeniy Ivanovich, polkovnik, dots., kand.voyennykh nauk;
STASYUK, M.A., red.; SOROKIN, V.V., tekhn.red.

[Engineering equipment for artillery placements] Inzhenernoe oborudovanie mestnosti dlia artillerii. Moskva, Voen.izd-vo M-va obor. SSSR, 1957. 139 p. (MIRA 11:2)
(Artillery)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

BALUYEV, Vladimir Konstantinovich, inzh.-polkovnik v otstavke; STASYUK, N.A., red.; GAVRILOVA, A.M., tekhn.red.

[Development of electric engineering in military science; a brief historical account] Razvitie voenno-inzhenernoi elektrotekhniki; kratkii istoricheskii ocherk. Moskva, Voen.izd-vo M-va obor. SSSR, 1958. 166 p. (MIRA 12:4)
(Electric engineering) (Military supplies)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

BORISOV, D., polkovnik, STASYUK, N., red.; MEZHERITSKAYA, N.P., tekhn.red.

[Battle glory of the combat enineers; a collection of articles and sketches] Boevaia slava saperov; sbornik statei i ocherkov. Moskva Voen. izd-vo M-va obor. SSSR, 1958. 383 p. (MIRA 11:9)
(Military engineering)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

MALAKHOV, Mikhail Maksimovich, polkovnik; STASYUK, N.A., red.; SRIBCHIS, N.V., tekhn. red.

[Attack of the cavalry guardsmen; outline of the military operations of the First Guards Cavalry Corps (November 1941-June 1942)] Udar konnogvardeitsev; ocherk o boevykh deistviiakh 1-go gvardeiskogo kavaleriiskogo korpusa (noiabr' 1941-iiun' 1942 goda). Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 143 p. (MIRA 15:2)

(Russia--Army--Cavalry)
(Moscow, Battle of, 1941-1942)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

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STASYUK, N.V.

Qualitative composition of the humus in meadow soils of the Terek Delta. Nauch. dokl. vys. shkoly; biol. nauki no.1:207-211 '66. (MIRA 19:1)

1. Rekomendovana kafedroy geografii pochv Moskovskogo gosudarstvennogo universiteta. Submitted June 17, 1965.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, S. P.

Useful devices. Put' i put. khoz. 7 no.3:28 '63. (MIRA 16:4)

1. Starshiy master rel'sosvarochnogo poyezda, st. Kastornaya-Novaya, Yugo-Vostochnoy dorogi.

(Railroads--Equipment and supplies)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, T.N.

13

Creep-Test Machine Operating at Temperatures Up to 800°C. (In Russian.) M. P. Markovets, T. N. Stasyuk, and N. N. Kolupaev. *Zavodskaya Laboratoriya* (Factory Laboratory), v. 15, Apr. 1949, p. 500-502.

Describes and diagrams above equipment, in operation in the Soviet Institute of Aviation Materials. Complete specifications are indicated.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., inzh.; LIVSHITS, I.I., otv. red.; ANDREYEV, G.G., tekhn. red.

[Haulage network of electric locomotive transportation in mines] Tiagovaia set' elektrovoznogo transporta v shakhtakh. Moskva, Ugletekhizdat, 1951. 142 p. (MIRA 16:7)

(Mine railroads)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, T. N.

USSR/Physics - High Vacuum Technique

"Standard High-Vacuum Combination Apparatus for the New Building of Moscow University," P. K. Oshchepkov, E. M. Reykhrudel' and T. N. Stasyuk

Vest Mos Univ, Ser Fizikomat i Yest Nauk, No 6, pp 65-77, 1953

The article is in 6 parts. The first sets forth the requirements of high vacuum apparatus and gives a general description of types TVU-I, II, III and IV. Part 2 describes the TVU-I in detail and explains how it fulfills its requirements. Part 3 describes schematically the vacuum communications of TVU-I. Parts 4 and 5 deal with different types of valves employed in high vacuum apparatus. Part 6 reviews all the good qualities of the apparatus and lauds its constructors. Presented 10 Jul 1952.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

PA 18T74

STASYUK, V. N.

USSR/Mines and Mining - Equipment
Mining Machinery

Sep 1947

"Electrification of Transportation in Open Mine Workings," V. N. Stasyuk, 2 pp

"Gornyy Zhurnal" No 9

Because of the large volume of material worked in open pits, it is necessary to use electric means of transport. Before the war, type SO-U-KP-2 transport was used, but now is unsatisfactory. New transport methods are necessary at Bogoslova, Korkinski, Karagandin, etc.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASUK, V. N.; YEFIMOV, V. M.;

Elektrovozni Transport Na Otkritich Gornich Razrabotkach (Electric Locomotive Transport on Open Surface (Strip) Mines, Moscow, 1950.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

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STASIUK, V. N.

Elektrovoznyi transport na otkrytykh gornykh razrabotkakh. [Electric power transport in the open air mining]. Dopushcheno v kachestve ucheb. posobiia dlia gornykh tekhnikumov. Moskva, Ugletekhizdat, 1950. 421 p. illus.
Bibliography: p. 416-[417]

DLC: TN336.S75

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V. N

N/5
743.314
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Tyagovaya Set' Elektrovoznogo Transporta v Shakhtakh (The Traction System of Electric Locomotive Transportation in Mines) Moskva, Ugletekhizdat, 1951.

142 P. Diagrs., Tables.

"Litertura": P. 141.

AB 520152

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

MELIKHOV, L.V.; STASYUK, V.N., redaktor; BYKHOVSKAYA, S.N., redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor.

[Electrical diagrams for industrial electric locomotives of the IVKP series] Elektricheskie skhemy promyshlennykh elektrovozov serii IVKP. Moskva, Ugletekhizdat, 1952. 139 p. [Microfilm] (MLRA 7:11)
(Electric locomotives)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

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STASYUK, V.N.

PHASE I

TREASURE ISLAND BIBLIOGRAPHIC REPORT

Call No.: TN686.T54

BOOK

Authors: EFROIMOVICH, Yu.E., Cand. of Tech. Sciences
KRICHEVSKIY, G.M., Engineer
LEVITANSKIY, B.A., Engineer
MALAYA, R. Yu., Cand. of Tech. Sciences, deceased.
NEIFAKH, G.M., Cand. of Tech. Sciences
POPOV, M.D., Engineer
SMORODINSKIY, IA.M., Cand. of Tech. Sciences
SOSUNOV, M.N., Engineer
STASYUK, V.N., Engineer
TAITS, A.A., Engineer
FEDOSEEV, L.M., Engineer
FEIGIN, V.I., Engineer
CHELYUSTKIN, A.B., Engineer
SHERENTSIS, A.N., Engineer

Full Title: A HANDBOOK FOR ELECTROTECHNICAL PERSONNEL IN FERROUS METALLURGICAL INDUSTRIES.

Transliterated Title: Spravochnik elektrika predpriyatii chernoi metallurgii

Publishing Data

Originating Agency: None.

Publishing House: State Publishing House of Scientific-Technical Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat). Moscow.

No. pp.: 1167 No. copies: 14,000

Date: 1952

1/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

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STASYUK, V.N.

2/2

Call No.: TN686.T54

Full Title: A HANDBOOK FOR ELECTROTECHNICAL PERSONNEL IN FERROUS METALLURGICAL INDUSTRIES

Editorial Staff
Compiler: Tikhomirov, I.G., Engineer
Editors: Shalyapin, M.G.
Levitanskiy, B.A.

Technical Editor: None.
Appraiser: None.

Text Data
Coverage: A detailed handbook containing technical cata on specifications, standards, design and operation of various types of electrical equipment in ferrous metallurgical industries: electric power supply plants and their distributing systems, transforming stations and transmission lines (high and low tension), blast furnace works, rolling mill plants, open-hearth plants, mines, electricals steel smelting and ferroalloy furnaces, sintering plants, coke plants, and electrical transport. Tables and diagrams. Subject index.

Purpose: A handbook for electrotechnical personnel, engineering technicians, machine operators, and planning personnel of metallurgical industries.

Facilities: None.

No. of Russian references; References listed at end of each chapter.

Available: Library of Congress.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N.

AID P - 1615

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 24/27

Author : Stasyuk, V. N., Eng.

Title : Conference about trolley bus goods traffic (current events)

Periodical : Elektrichestvo, 3, 83, Mr 1955

Abstract : On N 26 and 27, 1954 in Kiev, a conference organized by the Institute of Mines of the Academy of Sciences, USSR, and the Kiev branch of the All-Union Scientific Society of Engineers and Technicians (VNITO) took place. Eight reports were presented. Titles of some of these reports and names of authors are given, as well as some of the concluding resolutions.

Institution: None

Submitted : No date

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., inzhener

Suspension spacing length in a mine contact circuit. Gor.zhur. no.6: 64 Je '55. (Electricity in mining) (MIRA 8:8)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., inzhener.

Traction system on electrified railroads serving open pits in Northeast China. Gor.zhur. no.11:42 N '55. (MLRA 9:1)
(China) (China--Mine railroads)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, Valentin Nikolayevich; KUZNETSOV, B.T., redaktor; NEPOMNYASHCHIY, N.V., redaktor izdatel'stva; VAYNSHTEYN, Ye.B., tekhnicheskiy redaktor

[Electric locomotive transportation in open workings] Elektrovoznyi transport na otkrytykh gornorudnykh razrabotkakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 528 p. (MLRA 9:7)

(Mine railroads)
(Strip mining)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., inzhener.

Premizing system to be used for electrifying transportation in open-pit mining. Ger.zhur.no.4:26-31 Ap '56. (MIRA 9:7)

1.Tyazhpromelektroproyekt.
(Mine railroads) (Electricity in mining)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, Valentin Nikolayevich; SHKOL'NIKOV, Ye.P., redaktor; SUSHKIN, I.N., redaktor izdatel'stva; EVENSON, I.M., tekhnicheskiy redaktor.

[Mine ore transportation by electric locomotives] Elektrovoznyi rudnichnyi podzemnyi transport. Moskva, Gos.nzuchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1957. 591 p. (MLRA 10:5)

(Electric locomotives) (Mine railroads)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

Stasyuk, V.N.

SHIL'DINER, L.M., kandidat tekhnicheskikh nauk (Moskva); STASYUK, V.N., inzhener.

Problems related to the electrification of railroads. Elektrichestvo no.10:77-80 O '57. (MLRA 10:9)

1. Tyazhpromelektroproyekt (for Stasyuk).
(Railroads--Electrification)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

94-13-7-6/25

AUTHOR: Stasyuk, V. N., Engineer

TITLE: Shields for the Protection of Traction Insulators (Kozhukhi dlya zashchity izolyatorov tyagovoy seti)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol 13, Nr 7, pp 12-13 (USSR)

ABSTRACT: The porcelain insulators supporting the overhead lines of electrified railways in large quarries were often being damaged by flying debris resulting from blasting. Metal shields of the type illustrated in Fig.1 were installed over the insulators and greatly reduced the incidence of breakage. The screens were first used in the Bakal'sk Iron Ore Mine illustrated in Fig.2. There is an editorial note that the shields must be protected against corrosion otherwise rusting may cause short circuits.
There are 2 figures.

ASSOCIATION: GPI Tyazhpromelektroproyekt (State Design and Planning Institute For the Heavy Electrical Industry)

Card 1/1 1. Insulators (Electric) - Maintenance 2. Shielding - Applications

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

GUREVICH, Boris Maksovich; VASIL'YEV, Yevgeniy Alekseyevich; [redacted]
V.N., red.; LANOVSKAYA, M.R., red.izd-va; ISLENT'YEVA, P.G.,
[redacted].red.

[Electric locomotive haulage; equipment and repair] Elektro-
voznaia otkatka; oborudovanie i remont. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959.
278 p. (MIRA 12:9)

(Mine haulage)
(Electric locomotives--Maintenance and repair)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

32(2), 8(6) SOV/105-59-1-25/29

AUTHOR: Stasyuk, V. N., Candidate of Technical Sciences

TITLE: Conference on Trolley Locomotive Traffic (Soveshchaniye po trolleyvoznomu transportu)

PERIODICAL: Elektrichestvo, 1959, Nr 1, pp 93-93 (USSR)

ABSTRACT: A conference on problems of introducing the trolley locomotive traffic in the mines of the USSR took place at the end of October 1958 at the Bogurayev limestone pit. Present were the representatives of leading scientific-technical organizations, the sovnarkhozes, production combinates, scientific research and planning institutes. Two reports were delivered: "The Results of the Six-Year Service of Trolley Locomotives in the Quarry of Bogurayev" by Comrade Kaverzin, Chief-Engineer of the quarry administration of Bogurayev", and "Principles for Planning the Trolley Locomotive Traffic" by Styrenko, Member of the Committee GNTK UkrSSR.- The six-year service proved the advantages of trolley locomotive traffic as compared with dump trucks: the expenditure per 1 ton/km dropped by 30-35%, service periods between repairs were doubled (up to 190,000 km), reliability of

Card 1/2

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service is guaranteed irrespective of the season, better working conditions for the driver, increase of life of car tires by 20-30% due to soft starting of machines and application of electric braking. Trolley locomotives can also be used in underground working, on building sites, in forest working and for transports within the factory. The production of 10 and 25-ton trolley locomotives on the basis of auto-dump trucks of the Yaroslavskiy avtozavod (Yaroslavl' Car Factory), and the series production of electric equipment for them by the works "Dinamo" imeni Kirova ("Dinamo" imeni Kirov) is to be started in the very near future. At the same time, new original trolley locomotives with 25 and 40 tons must be produced. In planning new trolley locomotives, the variant of the machine with inert flywheels is to be investigated. The conference decided to ask the Council of Ministers of the USSR to decide upon building a factory producing trolley locomotives and to establish a design office for trolley locomotive traffic.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., kand.tekhn.nauk

Industrial electric locomotives for use in open-pit mining. Izv.vys.ucheb.zav.; gor.zhur. no.3:111-118 '59. (MIRA 13:4)

1. Institut Tyazhpromelektroproyekt. Rekomendovana kafedroy gornoy elektrotekhniki Sverdlovskogo gornogo instituta. (Electric locomotives) (Strip mining)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., kand.tekhn.nauk;

Electrification of mine railroad transportation using an alternating single-phase commercial frequency current. Izv. vys.ucheb.zav.; gor.zhur. no.4:87-95 '59. (MIRA 13:5)

1. Institut Tyazhpromelektroproyekt.
(Mine railroads)
(Electric locomotives)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

SOV/4918

PHASE I BOOK EXPLOITATION

Stasyuk, Valentin Nikolayevich, Candidate of Technical Sciences, and Oleg Ivanovich Loginov, Engineer

Tyagovyye seti elektrifitsirovannogo promyshlennogo transporta (Traction Networks of Electrified Industrial Transportation) Moscow, Metallurgizdat, 1960. 307 p. Errata slip inserted. 3,700 copies printed.

Ed.: B. T. Kusnetsov; Ed. of Publishing House: Ye. V. Dokukina; Tech. Ed.: M. K. Attopovich.

PURPOSE: This book is intended for technical personnel engaged in the assembly and operation of traction networks for industrial transportation. It may also be useful to students in special schools of higher and secondary education.

COVERAGE: The book examines problems of installation, assembly, and operation of traction networks in electrified industrial transportation. Current supply and arrangement of traction networks, as well as the materials and fittings, mounting, and repair are described. Accident-prevention rules during contact-conductor and cable network operations

~~Card 1/11~~

[illegible] contact-wire networks, since [illegible] readily available. The book is based on the planning work carried out at the Gosudarstvennyy proyektnyy institut "Tyazhpromelektroproyekt" (State Design and Planning Institute For the Heavy Electrical Industry) and the [illegible] operations carried out by the assembly organizations of the Glavelektromontazh (Main Administration for Electric Installations) of the Ministry of Construction RSFSR. Parts I, III, and IV were written by V. N. Stasyuk and Part II by O. I. Loginov. No personalities are mentioned. There are 23 references, all Soviet.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N.

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn. nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV, V.G., inzh.; VINNITSKIY, K.Ye., kand.tekhn.nauk; VLASOV, V.M., inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.; GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk [deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand. tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn. nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk; KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand. tekhn.nauk; MAZUROK, S.F., inzh.; MEL'NIKOV, N.V.; MUDRIK, N.G., inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.; POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.; RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.A., kand. tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.; SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH, Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.; TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV, B.M., inzh.; SHATAYEV, M.G., inzh.; SHESHKO, Ye.F., prof., doktor tekhn.nauk; TERPIGOREV, A.M., glavnyy red. [deceased];

(Continued on next card)

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ALATORTSEV, S.A.---(continued) Card 2.
KIT, I.K., zamestitel' glavnogo red.; SHESHKO, Ye.F., zamestitel' otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.; DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.; SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P., kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.; LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH, A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLAVUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOVSKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.; SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red. izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

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ALATORTSEV, S.A.---(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav. red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka ugol'nykh mestorozhdenii otkrytym sposobom. Redkollegiia toma; N.V.Mel'nikov i dr. 1960. 625 p.
(MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Coal mines and mining) (Strip mining)

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STASYUK, V.N., kand.tekhn.nauk

New electric locomotive for open-pit mining. Gor.zhur. no.3:58 Mr '60. (MIRA 14:5)

1. Tyazhpromelektroproyekt, Moskva.
(Electric locomotives) (Mine haulage)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, V.N., kand.tekhn.nauk

Conference on trolley bus transporation. Elektrichestvo no.4:93-94 Ap '62. (MIRA 15:5)

(Trolley buses)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010019-5

STASYUK, Valentin Nikolayevich, kand. tekhn. nauk; SMIRNOV, A.A., otv. red.; LYUBIMOV, N.G., red.izd-va; PROZOROVSKAYA, V.L., tekhn. red.; MAKSIMOVA, V.V., tekhn. red.

[Electric locomotive transportation in open-pit mines] Elektrovoznyi transport na kar'erakh. Moskva, Gosgortekhizdat, 1963. 287 p. (MIRA 16:7)

(Mine railroads)

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ANASTASIYEV, P.I.; BROSTREM, A.A.; VESHENEVSKIY, S.N.; GEL'MAN, G.A.; GORNSHTEYN, L.A.: ZIMENKOV, M.G.; KARVOVSKIY, G.A.; KIBLITSKIY, V.A.; KLEYN, P.N.; KLIMIKSEYEV, V.M.; KLYUYEV, S.A.; KNORRING, G.M.; KORENEVSKIY, A.N.; LEYBZON, Ya.I.; LIVSHITS, D.S.; LIGERMAN, I.I.; LOGINOV, O.I.; MILICH, M.B.; NAYFEL'D, M.R.; OKOROKOV, S.P.; POLYAK, A.B.; ROYZEN, S.S.; RYABOV, M.S.; SINITSYN, O.A.; SOLODUKHO, Ya.Yu.; SOSKIN, E.A.; STASYUK, V.N.; BOL'SHAM, Ya.M., red.; GRACHEV, V.A., red.; SAMOVER, M.L., red.; BORICHEV, I. Ye., red.; DANILENKO, A.I., red.; KHRAMUSHIN, A.M., red.; YAKUBOVSKIY, F.B., red.; BRENDENBURGSKAYA, E.Ya., red.; KOMAR, M.A., red.; BORUNOV, N.I., tekhn. red.

[Handbook on electrical systems of industrial enterprises in four volumes] Spravochnik po elektroustanovkam promyshlennykh predpriiatii v chetyrekh tomakh. Pod obshchei red. I.E. Boricheva i dr. Moskva, Gosenergoizdat. Vol.1. [Design of electrical systems of industrial enterprises in two parts] Proektirovanie elektroustanovok promyshlennykh predpriiatii v dvukh chastiakh. Pt.2. Pod red. IA.M.Bol'shama i dr. 1963. 598 p. (MIRA 17:3)

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