"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ACCESSION NR: AP4037572

it possible to obtain information on the real part of the elastic scattering cross section by investigating the interference between Coulomb and nuclear scattering. "We are pleased to thank V. I. Veksler and I. V. Chuvilo for continuous interest in the experiments." Orig. art. has: 1 figure and 4 formulas.

ASSOCIATION: Ob"yedinenny*y institut yaderny*kh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: 13Dec63 DATE ACQ: 09Jun64 ENCL: 00

SUB CODE: NP NR REF SOV: 003 OTHER: 001

Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

KIRILLOVA, L.F.; NIKITIN, V.A.; PANTUYEV, V.S.; SVIRIDOV, V.A.; STRUNOV, L.N.; KHACHATURYAN, M.N.; KHRISTOV, L.G.; SHAFRANOVA, M.G.; KORBEL, Z.; ROB, L.; DAMYANOV, S.; ZLATEVA, A.; ZLATANOV, Z.; YORDANOV, V. [Iordanov, V.]; KANAZIRSKI, Kh.; MARKOV, P.; TODOROV, T.; CHERNEV, Kh.; DALKHAZHAV, N.; TUVDENDORZH, D.

Elastic pp and pd-scattering at small angles in the energy range 2 - 10 Bev. IAd. fiz. 1 no.3:533-539 Mr '65. (MIRA 18:5)

1. Ob"yedinennyy institut yadernykh issledovaniy. 2. Vyssheye tekhnicheskoye uchilishche, Praga (for Korbel, Rob). 3. Fizicheskiy institut Bolgarskoy Akademii nauk, Sofiya (for Damyanov, Zlateva, Zlatanov, Yordanov, Kanazirski, Markov, Todorov, Chernev). 4. Institut khimii i fiziki, Ulan-Bator, Mongol'skaya Narodnaya Respublika (for Dalkhazhav, Tuvdendorzh).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 22122-66 EWT(1)

ACC NR: AP6004922 SOURCE CODE: UR/0056/66/050/001/0076/0077

38
B

AUTHOR: Kirillova, L. F.; Nikitin, V. A.; Sviridov, V. A.; Strunov, L. N.; Shafranova, M. G.; Korbel, Z.; Rob, L.; Zlateva, A.; Markov, P. K.; Todorov, T.; Khristov, L.; Chernev, Kh.; Dalkhazhav, N.; Tuvdendorzh, D.

ORG: /Kirillova; Nikitin; Sviridov; Strunov; Shafranova/ Joint Institute of Nuclear Research, Dubna (Ob"yedinennyy institut yadernykh issledovaniy); /Korbel; Rob/ Czechoslovakian Higher Technical School, Prague (Chekhoslovatskoye Vyssheye tekhnicheskoye uchilishche); /Zlateva; Markov; Todorov; Khristov; Chernev/ Physics Institute, Bulgarian Academy of Sciences, Sofia (Fizicheskiy institut Bolgarskoy Akademii nauk); /Dalkhazhav; Tuvdendorzh/ Institute of Chemistry and Physics, Mongolian Academy of Sciences, Ulan-Bator (Institut khimii i fiziki Mongol'skoy Akademii nauk)

TITLE: Real part of the pp elastic scattering amplitude at 2, 4, 6, 8, and 10 Gev

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 1, 1966, 76-77

TOPIC TAGS: proton scattering, elastic scattering, scattering amplitude, differential cross section, nuclear scattering

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 22122-66

ACC NR: AP6004922

ABSTRACT: This is a continuation of earlier work by the authors (Phys. Lett. v. 13, 93, 1964) in which they present results of the measurements of the real part of the nuclear elastic scattering amplitude for an energy of 4 Gev, and more precise data for energies 2, 6, 8, and 10 Gev, taking into account the relativistic corrections. The experimental technique was described elsewhere (PTE no. 6, 18, 1963). The differential cross section was measured in the interval $0.003 < |t| < 0.2$ $(Gev/c)^2$ (t = momentum transfer squared). The analysis of the obtained data as well as those reported by others was based on the Bethe formula (Ann. of Phys. v. 3, 190, 1958) with allowance for radiative corrections. The results agree well with the theoretical curve proposed by Soding (Phys. Lett. v. 8, 286, 1963), up to an energy of 20 Gev, above which some discrepancy appears. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 20/ SUBM DATE: 25Aug65/ ORIG REF: 001/ OTH REF: 008

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

LONINA, N.A.; SVIRIDOV, V.A.; TOLSOTV, K.D.; TSYGANOV, E.N.

Dependence of the registering properties of a nuclear emulsion on the temperature. Zhur. nauch. i prikl. fot. i kin. 2 no.1:13-14 Ja-F '57. (MIRA 10:3)

1. Elektrofizicheskaya laboratoriya Akademii nauk SSSR.
(Photographic emulsions)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

Sviridov, V.A.

120-6-30/36

AUTHORS: Otroshchenko, V.A., Sviridov, V.A., Tolstov, K.D., and Shal'nikov, A.I.

TITLE: Solid Hydrogen Targets on the Surface of Photographic Emulsions (Tverdyye vodorodnyye misheni na poverkhnosti fotoemul'sii)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No.6, pp. 110 - 111 (USSR).

ABSTRACT: It is difficult to study interactions between elementary particles and protons and deuterons which are included in nuclear emulsions because their number is small compared with the total number of nucleons bound in the nuclei of the emulsion. This is still true even when the emulsion is specially loaded with deuterium and hydrogen. To remove this difficulty, it is convenient to have a target of solid hydrogen or deuterium deposited directly on the surface of the emulsion. In this method of preparation of targets the temperature of the emulsion cannot be greater than 12 to 15 °K. Because of this, the temperature dependence of the sensitivity of NIKFI-R emulsions was investigated (Ref.1). Already at 20 °K, the sensitivity of emulsion is down by a factor of 2 and therefore it is difficult to use this emulsion with minimum ionisation particles. However, different types of

Card1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

66838

SOV/77-4-6-5/16

(23.3000)

AUTHOR: Belyakov, V.A., Kozlova, L.G., Sviridov, V.A. Tolstov, K.D.

TITLE: Dependence of the Sensitivity of Nuclear Emulsions on Temperature Within the Range of 2-300° K

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii 1959, Vol 4, Nr 6, pp 427-429 (USSR)

ABSTRACT: The author reports on recent Soviet study of the dependence of the recording properties of various nuclear emulsions on temperature within the range of 2-300° K. The results of the first experiments were published in the paper of N.A. Dolina, V.A. Sviridov, K.D. Tolstov and E.N. Tsyganov [Ref 1]. Subsequently, an attempt was made to improve the recording properties of the emulsion NIKFI R 400μ by a change in the processing conditions. Curve 1 of the graph (taken from the paper of V.A. Belyakov, L.G. Kozlova, V.A. Sviridov, K.D. Tolstov and E.N. Tsyganov [Ref 2]) corresponds to the normal processing conditions of emulsions, which with

Card 1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

Dependence of the Sensitivity of Nuclear Emulsions on Temperature Within the Range of 2-300° K

Table). The grain density at exposure within the range of 2-215° K averages 15-17 grains per 100 μ of particle track. The fog is approximately constant. The layers were processed under conditions recommended by the firm of Ilford. Comparative data on NIKFI and Ilford emulsions are given in the graph. There are 1 graph, 1 microphotograph, 1 table and 4 references, 3 of which are Soviet and 1 English.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: September 23, 1957

Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

85363

S/120/60/000/005/037/051
E032/E314

Sensitivity and Thermal Conductivity of Nuclear Emulsions at Low Temperatures

at 0.1, 0.3, 1.6 and 300 °K. The results obtained are summarised in the following table:

Emulsion	Temperature, °K 300	1.6	0.3	0.1	Absolute sensitivity at 300 °K (blobs/100μ)
NIKFI-R	100%	$\left(36^{+15}_{-10}\right)$%	$\left(31^{+15}_{-10}\right)$%	$\left(21^{+15}_{-10}\right)$%	~ 60
Ilford G-5	100%	(69±15)%	-	(70±15)%	~ 25

The sensitivity at 300 °K was taken at 100%. Acknowledgments are expressed to P.L. Kapitsa for collaboration in this work.

Card 2/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

84388
S/056/60/039/004/006/048
B004/B070

24.6900
AUTHORS: Belyakov, V. A., Van Shu-fen', Glagolev, V. V., Dalkhazhav, N., Lebedev, R. M., Mel'nikova, N. N., Nikitin, V. A., Petrzhilka, V., Sviridov, V. A., Suk, M., Tolstov, K. D.

TITLE: Inelastic Interactions of 7 Bev π⁻-Mesons and Nucleons 19

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960, Vol. 39, No. 4(10), pp. 937-947

TEXT: The inelastic interaction of 7-Bev π^--mesons with nucleons is studied in this paper. The preliminary results were communicated to Kiyevskaya konferentsiya po fizike vysokikh energiy (Kiyev Conference on the Physics of High Energies). The emulsion chamber consisted of 240 НИКФИ-Р (NIKFI-R) layers with a thickness of 400μ. 5300 interactions with the nuclei of photoemulsion were observed. Of these, 535 inelastic interactions were analyzed (Table 1). The theoretical distribution of the charged particles was calculated by V. S. Barashenkov. Spurious scattering was eliminated by special measurements (Table 2). 459 pions and 134 protons

Card 1/3

were identified. The angular distribution of pions and the total distribution of all stars (in c.m.s.) are shown in Fig. 1. For smaller number of charged particles, the asymmetry increases strongly. This is principally due to pions with large momenta (Fig. 2). Therefore, the angular distributions are very different for fast and slow pions (Fig. 3): Pions with momenta <0.5 Bev show an almost isotropic distribution. From the angular and total distributions of protons (Fig. 4) it is seen that the protons conserve their initial direction. From the momentum distributions of pions and nucleons, the authors conclude that the average momentum of the nucleons and of the charged pions does not depend on the increase of the number of charged particles. The same result follows from the data for the average transverse momenta $\bar{p}_\perp$ of protons and pions given in Table 3. Fig. 7 shows the number of neutral mesons as a function of the number of charged particles. The results can be interpreted only partly by the statistical theory. The asymmetry of the angular distribution of the secondary pions can only be explained by a peripheric collision of the pion with a pion of the nucleon shell (Figs. 8 and 9). An estimate of the radius of the nucleon core gave the

Card 2/3

maximum value of $4 \cdot 10^{-14}$ cm. The authors summarize the results as follows: Average momentum of protons $=(0.89\pm0.04)$Bev/c, average transverse momentum $=(0.37\pm0.04)$Bev/c; asymmetry of angular distributions of all pions $=1.56\pm0.10$; pions with $p \geq 0.5$ Bev/c are emitted in the forward direction, their average momentum equaling (0.87 ± 0.06)Bev/c and agrees, therefore, with that of the protons. The authors thank D. I. Blokhintsev and V. I. Veksler for discussion and advice. There are 9 figures, 3 tables, and 25 references: 9 Soviet, 8 US, 1 British, 1 German, 4 Italian, 1 Japanese, and 1 Polish.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: May 11, 1960

Card 3/3

Sviridov, V. A.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.A.

32991
S/641/61/000/000/018/033
B108/B102

24.6500

AUTHORS: Mikhaylina, K. M., Nomofilov, A. A., Romanova, T. A., Sviridov, V. A., Tikhomirov, F. A., Tolstov, K. D.

TITLE: Interaction of 14.1-Mev neutrons with Li^6 and Li^7

SOURCE: Krupchitskiy, P. A., ed. Neytronnaya fizika; sbornik statey. Moscow, 1961, 249 - 257

TEXT: Interaction of 14.1-Mev neutrons with Li^6 and Li^7 nuclei was studied both with targets prepared from Ilford E_1 photoemulsions bearing the lithium and with targets of metallic lithium isotopes. The latter method was used for small angles of the departing particles. The mean number of Li nuclei in the photoemulsion was $2.3 \cdot 10^{19}$ cm^{-2}. The integral neutron flux striking the emulsion at right angles was about 10^8 cm^{-2}. Altogether, 412 events were recorded on a 2.5 cm^2 area. 96 events were from the reaction $Li^6(n,t)\alpha$ with a cross section $\sigma = 27 \pm 6$ mb. Seven $Li^6(n,p)He^6$ reactions with a cross section of about 5 mb were found, moreover

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.A.

NIKITIN, V. A., NOMOFILOV, A. A., SVIRIDOV, V. A., SLEPETS, A. and STRUNOV, L. N.

"Differential Cross Section of the Elastic $\pi^- p$-Scattering of Mesons with the Momentum 3,8 Gev/C on Small Angles and Inelastic $\pi^- p$-Scattering with a Small Momentum Transfer"

report presented at the Intl. Conference on High Energy Physics, Geneva, 4-11 July 1962

Joint Institute For Nuclear Research
Laboratory of High Energies, Dubna, 1962

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

KIRILLOVA, L.F.; NIKITIN, V.A.; NOMOFILOV, A.A.; SVIRIDOV, V.A.; STRUNOV, L.N.; SHAFRANOVA, M.G.

Elastic scattering of protons at small angles at energies of 6 and 10 Gev. Zhur. eksp. i teor. fiz. 45 no.4:1261-1266 O '63. (MIRA 16:11)

1. Ob"yedinennyy institut yadernykh issledovaniy.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

BEREZHNOY, A.I.; SVIRIDOV, V.A.; KULAGIN, P.G.

Investigating the antifoaming preperties of polyorganosiloxane compounds used for drilling fluids. Izv. vys. ucheb. zav.; neft' i gaz 7 no.3:25-30 '64. (MIRA 17:6)

1. Khar'kovskiy gosudarstvennyy universitet i UkrVNIIgaz.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ACCESSION NR: AP4019254

one of their experiments (International Conference on High-Energy Physics, CERN, 1962). Stacks of polyethylene film and of films of a copolymer of ethylene with propylene, 0.2 to 20 mg/cm^2 thick, were irradiated by the internal proton beam of the proton synchrotron at 9 GeV. The percentage loss due to diffusion was measured with a 95 mg/cm^2 polystyrene scintillator. The diffusion losses obtained under different exposures ranged from 9 to 14% with an average of 11.8 $\pm$ 1%. These losses were found to be independent, over a wide energy range, of both radiation intensity and energy or character of irradiating particles. "The authors are grateful to M. Shafranov and L. Strunov for help and useful discussions."

ASSOCIATION: Ob"yedinenny*y institut yaderny*kh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: 030ct63 DATE ACQ: 27Mar64 ENCL: 00

SUB CODE: PH NO REF SOV: 001 OTHER: 004

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 42988-65 E..T(l)/E T(m)/T/EWA(h) Pz-6/Peb IJP(c) A:

ACCESSION NR: AP5006536 S/0056/65/048/002/0767/0769

AUTHOR: Akimov, Yu. K.; Kalinin, A. I.; Nikitin, V. A.; Pantuyev, V. S.;

TOPIC TAGS: proton scattering, high energy proton scattering, proton semiconductor counter

ABSTRACT: The possibility of studying high energy proton elastic scattering in the

conducted on the synchrophasotron at the Joint Institute of Nuclear Investigations.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

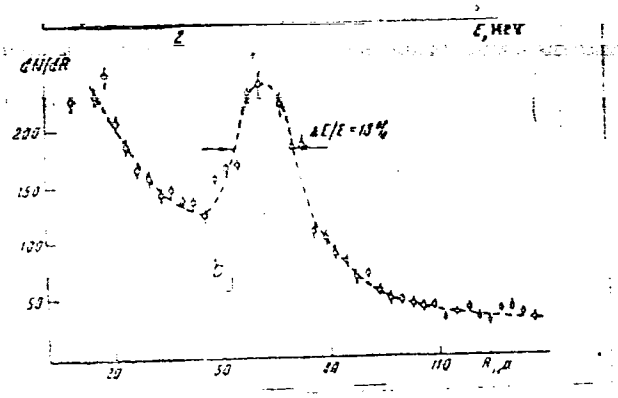
mined basically by Coulomb scattering of protons [illegible] of particles emitted
test geometry. For comparison (case b), the distribution of particles emitted
[illegible] mean free paths in a 25%
photographic emulsion, is given. The peak for elastically scattered protons has a
[illegible] broader width straggling than obtained with a
[illegible]

Card 2/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

With a semiconductor
tribution by mean free paths in a 25%
diluted gelatin photoemulsion



Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

RIDEL', E.I., kand. tekhn. nauk; SVIRIDOV, V.A., inzh.; SHCHEPETIL'NIKOV, V.A., doktor tekhn. nauk

Automatic hook designed at the Moscow Institute of Railroad Engineers. Mekh. i avtom. proizv. 19 no.8:29 Ag '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

BEREZHNOY, A.I.; KULAGIN, P.G.; SVIRIDOV, V.A.; LEVCHENKOV, A.T.; TITARENKO, N. Kh.

Foam damper on an organosilicone base for clay muds. Burenie no.3:16-17 '64. (MIRA 18:5)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza i trest "Poltavaneftegazrazvedka".

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SOV/128-59-5-11/35

18(5)

AUTHOR: Sviridov, V.G., Engineer

TITLE: Minor Mechanization in the Foundry Shops of the Urals Automobile Plant

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 5, pp 21-23 (USSR)

ABSTRACT: This article has been published in the periodical "Tekhnologiya Avtomobilostroyeniya 1959 Nr 1 (19)", (The Technology of Auto Engineering). In recent years the output of gray cast iron could be increased by 15% and the output of maaleable cast iron by 20%. The mechanization is mainly applied to the transportation of sand, molds, and other parts by conveyer, as well as to an automatic loading and unloading device. The change to mechanization has been done by the laborers of the plant themselves by overtime and on Sundays. Fig. (1) shows as enquipment operated by compressed air for taking finished parts into the conveyer. Fig. (2) shows an equipment for lifting parts up and down. By Fig. (3) an equipment for transportation of molding sand to mold making machines is shown. Figs. (4) and

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

Minor Mechanization in the Foundry Shops of the Urals Automobile Plant.

(5) show the conveyer device for the transportation of molds. Fig. (6) gives an illustration of a device for the elimination of small iron pieces out of the molding sand by magnets. Fig. (7) shows a continuous device for taking heavy loads up and down, e.g. iron frames, molds, etc. There are 7 diagrams

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.G.

Sandblast apparatus for making cores. Biul.tekh.-ekon. inform. no.2:11-12 '60. (MIRA 13:6)
(Sandblast) (Coremaking)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SHUL'GA, M.S. (g. Chernovtsy); SIDORYCHEVA, A.G.; SVIRIDOV, V.I. (Rostov-na-Donu); SHEKHTERMAN, M.E. (g. Tiraspol'); ZHIGALOV, K.S. (pos. Bilimbay Sverdlovskoy oblasti); SERYAKOV, A.A. (Murom); SAKEVICH, N.M. (Vitebsk); KAZANTSEV, I.I.

Readers suggestions. Fiz. v shkole 21 no.6:80-81 N-D '61. (MIRA 14:12)

1. Turochakskaya srednyaya shkola Gorno-Altayskoy avtonomnoy oblasti (for Kazantsev).
(Physics--Experiments)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.I.

Class physics experiments in eight-year schools. Fiz. v shkole 23 no.4:58-65 Jl-Ag '63. (MIRA 17:1)

1. 53-ya shkola, Rostov-na-Donu.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.M., aspirant.

Efficiency of using interblock station graphic train sheets for increasing sectional speed on single-track lines. Trudy MIIT no.7: 240-267 '57. (MIRA 11:5)

(Railroads--Traffic)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.M., Cand Tech Sci -- (diss) "Tracks for increasing divisional speed of movement of freight trains on single-track railroad lines." Mos 1958 18 pp. (Min of Railways USSR. Mos Transport Economics Inst) 150 copies (KL, 39-58, 110)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

MAKAROCHKIN, Andrey Mikhaylovich; SVIRIDOV, Viktor Mikhaylovich; TIKHONOV, Konstantin Kuz'mich; ZABELLO, M.L., kand.tekhn. nauk, red.; KHITROVA, N.A., tekhn.red.

[Resources for improving the operations of railroad divisions] Rezervy uluchsheniia ekspluatatsio nnoi raboty otdeleniia dorogi. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 63 p. (MIRA 13:6)
(Railroads--Management)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SITNIK, M.D., kand.tekhn.nauk; SVIRIDOV, V.M., kand.tekhn.nauk; ANKUTSIONEK, R.A., inzh.

Determining the efficiency of freight transportation in multiple-destination and technological routing. Trudy MIIT no.127:61-108 '61. (MIRA 18:3)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.M.

Lining of cast stone. TSement 27 no. 2:25-26 Mr-Ap '61. (MIRA 14:5)

1. Podol'skiy tsementnyy zavod. (Kilns, Rotary) (Stone, Cast)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

VALYUKOV, E.A.; SVIRIDOV, V.M.

Semiautomatic control of cement loading operations. TSement 27 no.4:26 Jl-Ag '61. (MIRA 14:8)

1. Podol'skiy tsementnyy zavod.
(Cement--Storage) (Loading and unloading)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

KOVALEV, Ye.S.; SVIRIDOV, V.M.

Lengthening the operating period of a kiln between relinings. (MIRA 15:3)
TSement 27 no.6:13 N-D '61.
(Kilns, Rotary)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.M., inzh.

Improvement of the operation of dust-collecting devices.
TSement 31 no.4:16 Jl-Ag '65. (MIRA 18:8)

1. Podol'skiy tsementnyy zavod.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 44364-66 EWT(d)/EWP(c)/EWP(k)/T/EWP(v)/EWP(l) IJP(c)
ACC NR: AP6021385 (A) SOURCE CODE: UR/0101/66/000/002/0020/0021 56B

AUTHOR: Yamshchikov, V. S. (Candidate of technical sciences); Levushkin, L. N. (Engineer); Bondarenko, V. G. (Engineer); Sviridov, V. M. (Engineer)

ORG: Moscow Institute of Radioelectronics and Mining Electromechanics (Moskovskiy institut radioelektroniki i gornoy elektromekhaniki); Podol'sk Cement Plant (Podol'skiy tsementnyy zavod)

TITLE: The use of ultrasonic waves in the quality control of carbonate rocks 14

SOURCE: Tsement, no. 2, 1966, 20-21

TOPIC TAGS: cement, carbonate, quality control, ultrasonic wave propagation

ABSTRACT: The feasibility of applying ultrasonic wave propagation for quality control of carbonate rocks to be used in the cement industry was investigated. A correlation between the mineral composition of the carbonate rocks and the rate of ultrasonic wave propagation was established. Maximum wave propagation of 2500 m/sec corresponds to dolomite-free rocks. For rocks containing from 0 to 16-20% dolomite, the ultrasonic wave propagation is 2500-2000 m/sec. The accuracy of the determination of the carbonate rock composition by the ultrasonic wave propagation technique is ±2%. Be-

UDC: 666.94.022 : 620.179.16

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 44364-66

ACC NR: AP6021385

cause of the high degree of accuracy and simplicity, the ultrasonic wave propagation method is recommended for use by the cement industry. Orig. art. has: 1 table.

SUB CODE: 08,20,11/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 hs

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

TONKOSHKUROV, B.A.; ASATURYAN, A.Sh.; SVIRIDOV, V.P.

Electric heating of viscous petroleums and petroleum products.
Neft. khoz. 38 no.11:46-49 N '60. (MIRA 14:4)
(Tank cars) (Electric heating)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

TONKOSHKUROV, B.A.; ASATURYAN, A.Sh.; SVIRIDOV, V.P.

Methods for calculating electrical heaters. Trudy NIITransneft' no.1:50-56 '61. (MIRA 16:5)
(Petroleum, Heating of)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.P.; BOLDOV, N.G.

Heating highly viscous fluids in tank cars. Trudy NII Transneft' no.1:57-72 '61. (MIRA 16:5)

(Petroleum, Heating of)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.P.; PETROVA, L.N.

Determining optimum parameters in the vibrational heating of petroleum products in tanks. Trudy NIITransneft' no.1:73-82 '61. (MIRA 16:5)

(Petroleum, Heating of)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ASATURYAN, A.Sh.; SVIRIDOV, V.P.; BOLDOV, N.G.

An analogy of internal and external problems of hydrodynamics. Trudy NIITransneft' no.1:83-91 '61. (MIRA 16:5)
(Petroleum pipelines—Fluid dynamics)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ASATURYAN, A.Sh.; SVIRIDOV, V.P.; BOLDOV, N.G.

Flow of imperfect liquids in conical pipes and nozzles. Neft. khoz. 39 no.2:60-64 F '61. (MIRA 17:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

TONKOSHKUROV, B.A.; CHERNIKIN, V.I.; SVIRIDOV, V.P.

Design of heat exchangers for viscous petroleum products. Transp. i khran.nefti no.6:18-23 '63. (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i nefteproduktov i Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akademika Gubkina.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ISUPOV, Yu.G.; SVIRIDOV, V.P.

Device for discharging petroleum products from the lower part of tank cars. Transp. i khran. nefti i nefteprod. no. 1:33-34 '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i nefteproduktov.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.P.; GUBIN, V.Ye.

Optimal parameters of the electric heating of petroleum products in tank cars. Izv. vys. ucheb. zav.; neft' i gaz 7 no.2:85-89 '64. (MIRA 17:10)

1. Ufimskiy neftyanoy institut.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.P.; ISUPOV, Yu.G.; SKOVORODNIKOV, Yu.A.; YURTAYEV, V.G.

Device for heating high-viscosity petroleum products in tank cars. Transp. i khran. nefti i nefteprod. no.9:20-22 '64. (MIRA 17:10)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i nefteproduktov.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

YABLONSKIY, V.S. [deceased]; SVIRIDOV, V.P.

Determining the optimal parameters when heating mazut in tank cars. Trudy NIITransbeft' no.3:94-103 '64.
(MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

PETROVA, L.N.; SVIRIDOV, V.P.

Mean temperature of petroleum products. Trudy NIITransneft' no.3: 104-106 '64. (MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

YABLONSKIY, V.S. [deceased]; SVIRIDOV, V.P.; TONKOSHKUROV, B.A.

Determining the heat transfer and the power of the drive of heaters with mixers. Trudy NIITransneft' no.3:70-76 '64.
(MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

YEDIGAROV, S.G.; SVIRIDOV, V.P.; BOLDOV, N.G.

Pouring mazut form tank cars with car dumpers. Trudy NIITransneft' no.3:77-83 '64. (MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

YABLONSKIY, V.S. [deceased]; SVIRIDOV, V.P.; MUKHAMEDZYANOV, Sh.S.

Curved trajectories of free flooded streams. Trudy NIITransneft'
no.3:84-93 '64. (MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

PETROVA, L.N.; SVIRIDOV, V.P.; TONKOSHKUROV, B.A.

Calculating the temperature of a cooling petroleum product in tank cars. Trudy NIITransneft' no.3:114-117 '64.
(MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

22231
S/093/61/000/002/002/003
A051/A129

26.2144

AUTHORS: Asaturyan, A. Sh.; Sviridov, V. P., and Boldov, N. G.

TITLE: The motion of a real liquid in conical tubes and nozzles

PERIODICAL: Neftyanoye Khozyaystvo, no. 2, 1961, 60-64

TEXT: The authors have applied the method of similarity and dimensions (Ref. 7) for investigating the motion of viscous liquids in tubes of varying cross-sections as opposed to Bernoulli's equation of continuity: $Q = \mu F \sqrt{2gH}$ (1), where μ is the discharge coefficient, F the cross section area, $F = \frac{\pi d^2}{4}$, g the gravity acceleration, H the pressure under which the liquid flows. The difficulty in using the latter equation is said to be the correct determination of μ; an analysis of the obtained experimental data in this work showed, however, that formula (1) can be used for a viscous liquid flowing through conical tubes, where the discharge coefficient μ is a function of the Reynolds number R. The latter relationship was derived by the authors in assuming that the created motion of the viscous liquid in the horizontal conical tube in each cross-section is determined by the interaction of forces of inertia, pressure and internal friction. These forces are characterized by the following parameters: Q, ΔP, ϱ, ν, d,

Card 1/7 4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

The motion of a real liquid ...

α, L, where ΔP is the pressure difference between the two cross-sections investigated, in kg/cm^2, θ the liquid density in kg sec^2/cm^4, ν the coefficient of kinematic viscosity in cm^2/sec, α the angle of taper in radians, L the length of the cone in cm. Considering that all the main acting factors are taken into account the connection equation in non-dimensional values is expressed as:

$$F\left(\frac{4Q}{\pi\sqrt{2gH}\,d^2}; \frac{\sqrt{2gH}\,d}{\nu}; \alpha; \frac{d}{L}\right) = 0. \quad (2)$$

The combination $\frac{\sqrt{2gH}\,d}{\nu}$ suggested by Al'tshul' is the Reynolds number. Solving equation (2) with respect to the discharge coefficient μ, the authors derive:

$$\mu = \frac{4Q}{\pi\sqrt{2gH}\,d^2} = f\left(R, \alpha, \frac{d}{L}\right) \quad (3)$$

which shows that μ is really a function of R, angle of taper and ratio $\frac{d}{L}$, as stated above. It is further shown that a connection exists between μ and the resistance coefficient (Euler's parameter E): $\mu = \frac{1}{\sqrt{E}}$ (4);

where $E = \frac{2gH}{v^2}$, v being the average velocity in a narrow cross-section. μ characterizes the resistance of the opening to the motion of the liquid depending on R. μ can be determined experimentally only. Fig. 1 is a diagram of the experimental set-up to determine the functional relationship of equation (3).

Card 2/3 4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

The motion of a real liquid ...

The apparatus consists of a tank 1 creating pressure along 10 m. The liquid from tank 1 enters the measuring capacity 7 passing through the pipeline 2, through the nozzle 6. The liquid discharge was regulated by tap 4. The pressure change during the motion of the viscous liquid in the conical tubes was measured in cross-sections A and B, using a sensitive two-liquid manometer 9. Fig. 2 is a graph showing the characteristic features of the motion of the viscous liquid in the conical tubes. In the interval $3 \cdot 10^3 < R < 2 \cdot 10^5$ the function μ hardly depends on R. In the interval $10 \leq R < 3 \cdot 10^3$ μ does not depend on the angle of taper at all. At $10 \leq R < 300$ the liquid flow in the conical nozzles is laminated, but no strictly linear law of this flow is observed, just as in the cylindrical tubes. A comparison of the data obtained by the authors with those of Al'tshul (Refs. 4, 9) and theoretical calculations made by Wuest (Ref. 10) showed that no linear relationship of the type $\mu = AR$ (5) results from equation (3) in the same interval ($10 \leq R < 300$) of R. Results obtained from calculations made with equation (5) by other authors did not correspond to the experimental data obtained in this work. This discrepancy is explained by the fact that a conical tube of varying cross-sections shows much greater resistances to the liquid flow than round apertures in a thin wall do. A transfer from the laminar to the turbulent movement is noted at the critical value of R: $R_k = 300 \div 330$. In the interval

Card 3/7 Y

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.T.

256T71

USSR/Electronics - Radio Relay Lines Sep/Oct 52

"Survey of Foreign Literature: The Use of Decimeter and Centimeter Radio Relay Lines in the Telemechanical Installations of Large Power System Combines," R.G. Mirimanov and V.T. Sviridov

Avtomat i Telemekh, Vol 13, No 5, pp 592-610

Survey of radio relay lines, including a general discussion of such lines and descriptions of several US lines, namely the Boston-New York line, the transcontinental line, and the Bonneville Power System line. Lists 14 US sources.

256T71

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.T.

MIRIMANOV, R.G.; SVIRIDOV, V.T.

Review of foreign literature on the use of microwave radio relays in remote-control units of high-power pool systems. Avtom. i telem. 14 no.1:59-87 Ja-F '53. (MLRA 10:3)
(Remote control) (Microwaves)
(Electric power distribution)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SOV/109-3-7-17/23

AUTHORS: Kislov, V. Ya., Sviridov, V. T., Chetkin, M. V.

TITLE: A Non-Slowed Wave in the System Consisting of a Coaxial Helix and a Centre Conductor (Nezamedlennaya volna v sisteme koaksial'no raspolozhennykh spirali i tsentral'nogo provodnika)

PERIODICAL: Radiotekhnika i elektronika, 1958, Vol 3, Nr 7, pp 964-966 (USSR)

ABSTRACT: The radius of the helix is a and its winding angle is ϕ. The radius of the centre conductor is c. It is assumed that the helix satisfies the usual boundary conditions, while the boundary conditions for the centre conductor are expressed by Eqs.(2) and (3), where μ_1 is the permeability of the centre rod, σ is its conductivity and ω is the angular frequency. By employing the above boundary conditions the dispersion equation of the system is in the form of Eq.(4), where $I_0, \ldots, K_1$ are the modified Bessel functions; k is the wave number, β is the propagation constant, and ε and μ are the permittivity and permeability of free space. If $\gamma a \ll 1$ and $\gamma c \ll 1$, Eq.(4) can be written as Eq.(5), which can further be simplified and written as Eq.(6). If the solution of Eq.(6) is in the form of Eq.(7), the perturbation χ is

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

A Non-Slowed Wave in the System Consisting of a Coaxial Helix and a Centre Conductor

expressed by Eq.(9). From Eq.(9) it is seen that ctg ψ should be greater than 1 , which is normally fulfilled in a practical helix. From this it is concluded that in the helix-centre conductor system it is possible to obtain non-slowed waves having a low attenuation; this results in the appearance of a parasitic feedback between the input and the output of the tube. The paper contains 4 Soviet references.

SUBMITTED: January 17, 1958.

1. Electromagnetic waves--Mathematical analysis

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

6(7) PHASE I BOOK EXPLOITATION SOV/3274

Sviridov, Vladimir Timofeyevich

Radioreleynyye linii svyazi (Radio Relay Communications Systems) Moscow, Gos. izd-vo fiziko-matem. lit-ry, 1959. 78 p. (Series: Nauchno-populyarnaya biblioteka) 35,000 copies printed.

Ed.: A.I. Kostiyenko; Tech. Ed.: S.S. Gavrilov.

PURPOSE: The booklet is intended for the general reader.

COVERAGE: The author briefly describes the development of radio relay systems in the Soviet Union and in other countries. He outlines the principles of multichannel transmission, describes the construction and operation of radio relay systems and presents examples of their application in communications, television, power systems, and other areas. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card ~~1/2~~

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

IZYUMOVA, Tamara Ivanovna; SVIRIDOV, Vladimir Timofeyevich; KUZNETSOV, V.A., red.; LARIONOV, G.Ye., tekhn.red.

[Hollow and ribbon wave guides] Polye i lentochnye radiovolnovody. Moskva, Gos.energ.izd-vo, 1960. 95 p. (Massovaia radiobiblioteka, no.379). (MIRA 14:3)

(Wave guides)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ACCESSION NR: AP4009980 S/0109/64/009/001/0101/0107

AUTHOR: Sviridov, V. T.

TITLE: Propagation of surface and waveguide TM-modes between a "metallic" and a "dielectric" impedance plane

SOURCE: Radiotekhnika i elektronika, v. 9, no. 1, 1964, 101-107

TOPIC TAGS: TM mode, TM mode propagation, TM mode propagation theory, SHF electron device, SHF device delay, SHF device delay structure

ABSTRACT: A mathematical study of a two-impedance-plane model imitating a part of an SHF electron device with a complicated delay structure is presented. In such a device, along with delayed modes interacting with an electron beam, other modes can propagate which tends to impair the fundamental parameters of the device and to limit the field of its application. The following practical conclusions are drawn: (1) In a coaxial-helix-and-central-conductor structure surrounded by an absorbing dielectric, the surface wave about the central conductor cannot propagate if r equals several tens cm; (2) With $r < 1$ or 1.5 cm, at the 10-cm band, only one fast mode -- a surface wave at the inside of the

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ACCESSION NR: AP4009980

boundary of the dielectric — can propagate between the dielectric and the central conductor; characteristics of this mode are independent of the central-conductor impedance which substantially facilitates their theoretical analysis; (3) In the most interesting practical cases, when an absorbing dielectric surrounds the helix-central-conductor set, the problem can be reduced to selecting the material and thickness of the dielectric which would ensure effective absorption of the surface mode propagating on the inside. "In conclusion, the author wishes to thank B. Z. Katselenbaum for his valuable advice and discussion of the results." Orig. art. has: 2 figures and 15 formulas.

ASSOCIATION: none

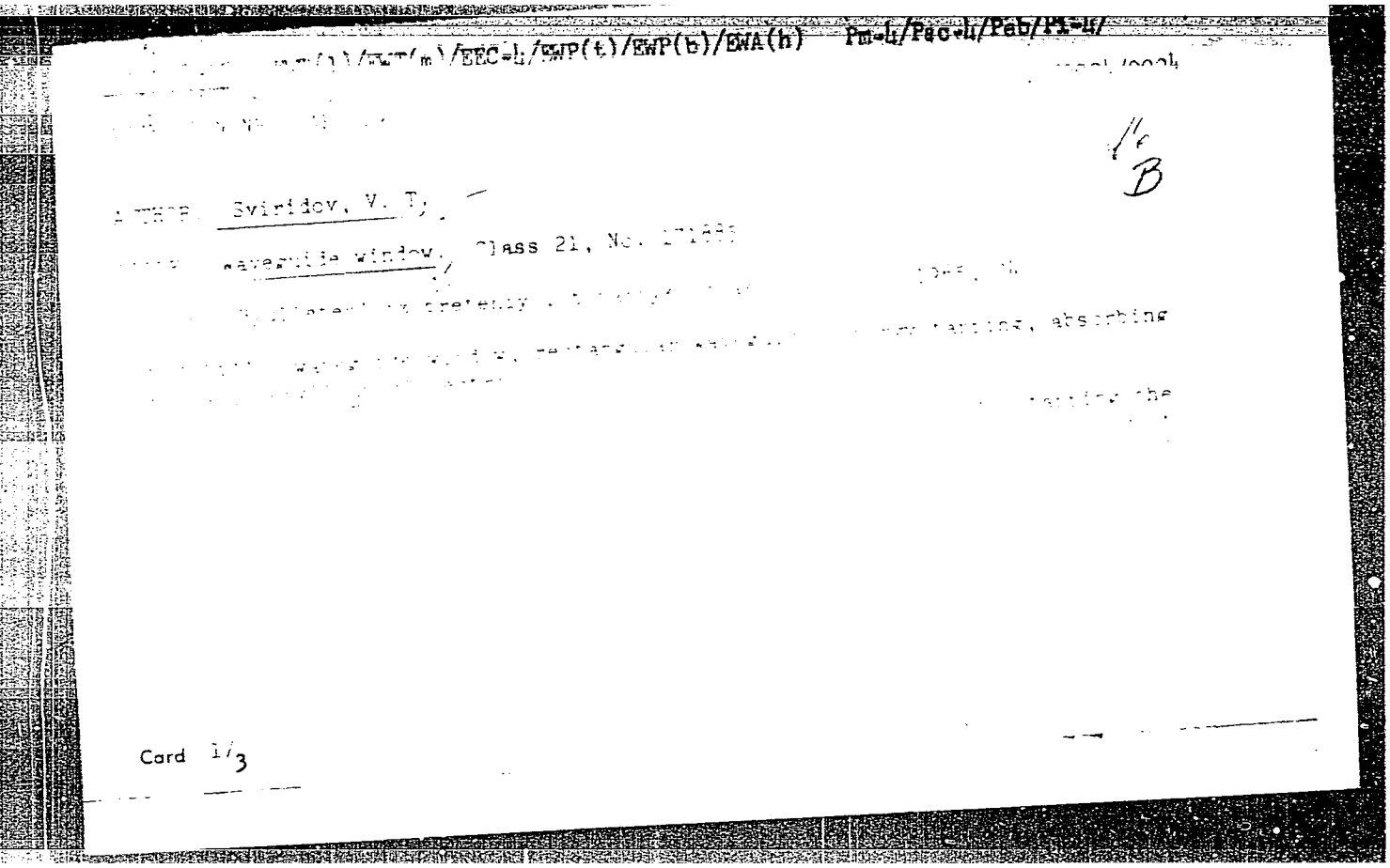
SUBMITTED: 14Dec62 DATE ACQ: 10Feb64 ENCL: 00

SUB CODE: CO NO REF SOV: 001 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0



EWP(t)/EWP(b)/EWA(h) Pm-4/Pac-4/Peb/Pi-4/

1/c B

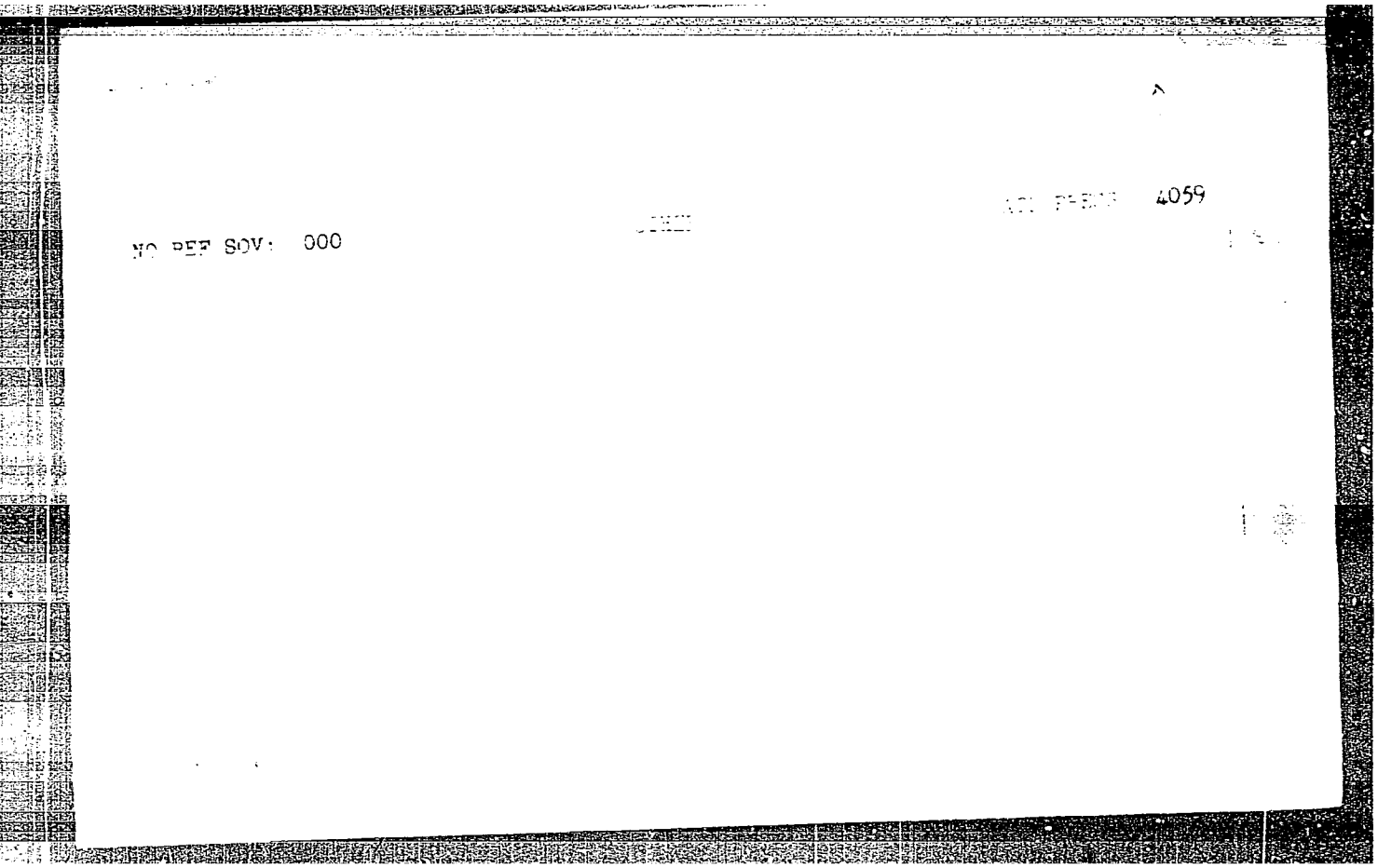
Author: Sviridov, V. T.;

Class 21, No.

Card 1/3

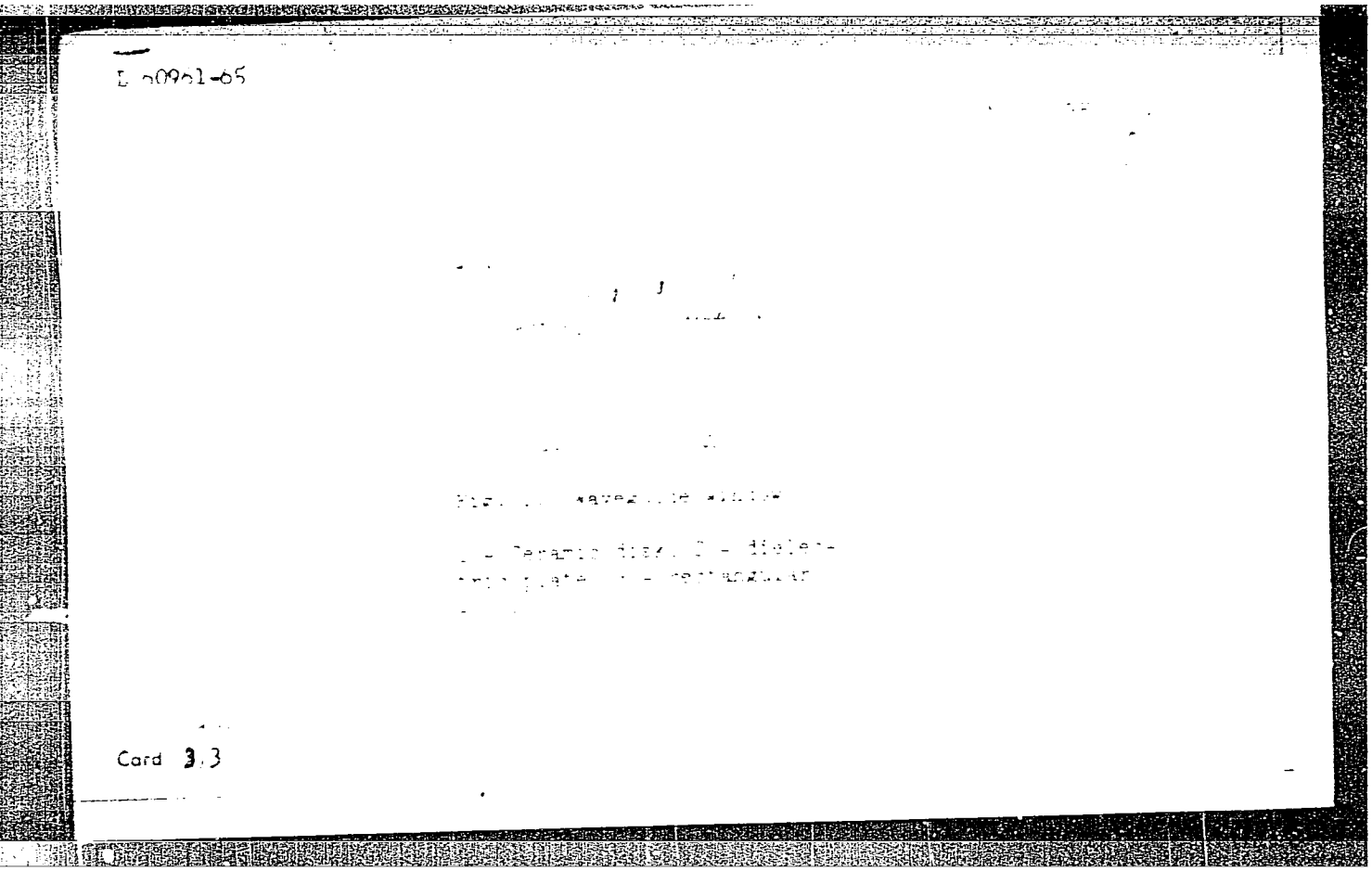
APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0



E 00961-65

Card 3.3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.

New data on diabases in the northwestern Caucasus. Izv. vys. ucheb. zav.; geol. i razv. 2 no.1:52-59 Ja '59. (MIRA 12:10)

1.Rostovskiy gosudarstvennyy universitet.
(Caucasus, Northern--Diabase)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

BARANOV, I.Ya.; SVIRIDOV, V.V.

Intrusive rocks in the Urup copper-pyrite deposits in the northwestern Caucasus. Izv.vys.ucheb.zav.; geol.i razv. 2 no.8: 83-89 Ag '59. (MIRA 13:4)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Urup region (Caucasus, Northern)--Chalcopyrite)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

3(5) SOV/11-59-8-5/17

AUTHOR: Sviridov, V.V.

TITLE: New Data on Granitoids of the Main Mountain Ridge of the North-Western Caucasus

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 8, pp 50 - 66 (USSR)

ABSTRACT: This is a detailed description of granitoids located in the zone of the Main Mountain Ridge of the North-Western Caucasus: the Upper-Urushten massif in the basin of tributaries of the upper part of the Urushten, Sinyaya and Imeretinka rivers; the Pereval'naya subzone situated to the south of the Upper-Urushten massif (granitoids of the Dzitaku, Pseashkha and Pereval'naya mountains) and large dioritic gneiss and gabbro-gneiss blocks in the upper parts of the Kishi and Laura rivers. Brief information on the petrography of the zone has previously been given I.Ya. Baranov, L.A. Vardanyants, A.G. Kobilev and G.D. Afanas'yev. The tectonic structure of the Upper-Urushten

Card 1/4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

massif is very complicated. The massif is composed mainly of microclinic granites with inclusions of quartz diorites, biotitic granodiorites and orthoclase granites. The author considers these inclusions as the youngest formations of the massif. Similar formations in other eastern regions were also considered by I.I. Bessonov, I.A. Baranov and G.R. Chkhouta as the youngest Hercynian intrusions of the Main Mountain Ridge. The complicated structure of the massif is explained, according to the author, by its multiphase formation. The author divides all granitoids of the Pereval'naya subzone into 2 large groups. The first group is composed of plagioclase granites with albitite and quartz-plagioclase granites, granodiorites, tonalites and leucocratic granites. Granitoids of this group are similar to those of the Urushten Massif described by G.D. Afanas'yev formed in the Lower Paleozoic Period. The second group is composed of microclinic granites and granodiorites.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

New Data on Granitoids of the Main Mountain Ridge of the North-Western Caucasus

As the Lower Carboniferous formations were metamorphized by these intruding rocks, the age of this group can be fixed as that of the Middle-Paleozoic period. Dioritic gneisses and gabbro-gneisses of the upper parts of the Kishi river are metamorphized to such an extent that they no longer contain any remains of eruptive rocks and form normal amphibolic gneisses and amphibolites. Gneisses of the upper part of the Laura river are metamorphized only in their deeper parts, their central parts still preserve the characteristic of slightly metamorphized rocks. Chemical composition and characteristcs of all of the above mentioned granitoids and gneisses and their quantitative-mineralogical composition are given in tables 1, 2, 4. Analyses were made by V. Podol'skaya in the chemical laboratory of the Severo-Kavkazskoye geologicheskoye upravleniye (North-Caucasian Geological Administration). Main chemical characteristics

 of granitoids and gneisses of the zone of the Main

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

New Data Granitoids of the Main Mountain Ridge of the North-Western Caucasus

Mountain Ridge, as determined by A.N. Zavaritskiy, are given in table 3. Optic constants of potassium - soda feldspars from the granitoids of the Upper-Urushten Massif and the Pereval'naya subzone are given in table 5. There are 5 tables, 2 maps and 9 Soviet references.

ASSOCIATION: Rostovskiy na Donu gosudarstvenny universitet (The Rostov-na-Donu State University)

SUBMITTED: April 16, 1958

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

BARANOV, I.Ya.; SVIRIDOV, V.V.

Dikes and copper-pyrite ore formation in the Urupskiy deposit of the Northern Caucasus. Izv. vys. ucheb. zav.; geol. i razv. 3 no.5:98-100 My '60. (MIRA 13:11)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Urupskiy region—Copper ores)
(Urupskiy region—Pyrites)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.

Concerning R.P. Tuzikov's article "Genetic characteristics of Urup pyrite deposits (Northern Caucasus)." Izv. AN SSSR. Ser. geol. 25 no. 3:110-112 Mr '60. (MIRA 13:12)
(Urup Valley--Pyrites)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V. V., Cand. Geol-Mineral. Sci.. (diss) "Petrography of Enclosed Rocks of Urupskiy Copper Pyrite Deposits in Northern Caucasus," Rostov-on-Don, 1961, 24 pp (Rostov State Univ., Voronezh State Univ.) 200 copies (KL Supp 12-61, 259).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.

Remarks on the article at V.I.Smirnov and T.IA.Goncharova "Geologic characteristics of the formation of pyrite deposits in the western part of the Northern Caucasus." Izv.AN SSSR.Ser. geol. no.3:110-111 Mr '61. (MIRA 15:2)

(Caucasus, Northern—Pyrites)
(Smirnov, V.I.) (Goncharova T.IA.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

AFANAS'YEV, G.D.; LUPANOVA, N.P.; SVIRIDOV, V.V.

On the Devonian age of phyllitic slates of the Urup River Basin (Northern Caucasus). Dokl. AN SSSR 148 no.2:397-399 Ja '63. (MIRA 16:2)

1. Institut geologii rudnykh mestorozhdeniy petrografii, mineralogii i geokhimii AN SSSR. 2. Chlen-korrespondent AN SSSR (for Afanas'yev).
(Urup Valley--Phyllite)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 37092-66 EWT(1) IJP(c)

ACC NR: AP6017592 SOURCE CODE: UR/0250/66/010/001/0011/0014

30
B

AUTHOR: Potapovich, A. K.; Sviridov, V. V.; Makatun, V. N.; Branitskiy, G. A.

ORG: Institute of Physics, AN BSSR (Institut fiziki AN BSSR); Belorussian State University im. V. I. Lenin (Belorusskiy gosudarstvennyy universitet)

TITLE: Paramagnetic centers in irradiated silver oxalate

SOURCE: AN BSSR. Doklady, v. 10, no. 1, 1966, 11-14

TOPIC TAGS: silver compound, electron paramagnetic resonance, epr spectrum, [illegible] hyperfine structure, paramagnetic ion, POLYCRYSTAL, GAMMA IRRADIATION

ABSTRACT: To compare the character of formation of paramagnetic centers under the influence of ionizing radiation and ultraviolet light, the authors have investigated the EPR spectra in irradiated polycrystalline silver oxalate. This material was chosen because it is capable of deep photolysis and radiolysis with formation of metallic silver. To illuminate the influence of random impurities, some 30 specimens were tested. These were prepared by different methods, precipitation from aqueous solutions of silver sulfite in oxalic acid, precipitation from solutions of silver nitrate with oxalic acid, and preparation from ammonia solutions. The irradiation was at room temperature with mercury-quartz lamps and with γ rays from Co^{60} (72 r/sec). The EPR spectra were measured with a radio spectrometer having a sensitivity 10^{-11} mole of DPPH. No sample gave EPR signals prior to irradiation, but EPR signals appeared in all samples after irradiation with both γ rays and ultraviolet. The signals disappeared only when the samples were heated above 100C. Three different types of signals

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 37092-66

ACC NR: AP6017592 O

were observed. One consisting of five unequal lines, the other a single symmetrical line, and the third a single asymmetrical line with superimposed fine structure. The first signal can be explained by attributing it to a paramagnetic center that produces a hyperfine structure from three nonequivalent silver ions. The nature of the second signal is not perfectly clear, and the third signal can be attributed to impurities. This report was presented by AN BSSR Academician A. N. Sevchenko. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 08Jun65/ ORIG REF: 002/ OTH REF: 003

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 36826-66 EWT(1)/T IJP(c) GG

ACC NR: AP6018765 SOURCE CODE: UR/0070/66/011/003/0375/0380

AUTHOR: Sviridov, D. T.; Sviridova, R. K.; Smirnov, Yu. F. 39 B

ORG: Institute of Crystallography AN SSSR (Institut kristallografii AN SSSR)

TITLE: Problems of the configurations of the d^N-electrons in a crystal field. Construction of the wave functions for complex configurations 21

SOURCE: Kristallografiya, v. 11, no. 3, 1966, 375-380

TOPIC TAGS: electron distribution, crystal chemistry, wave function

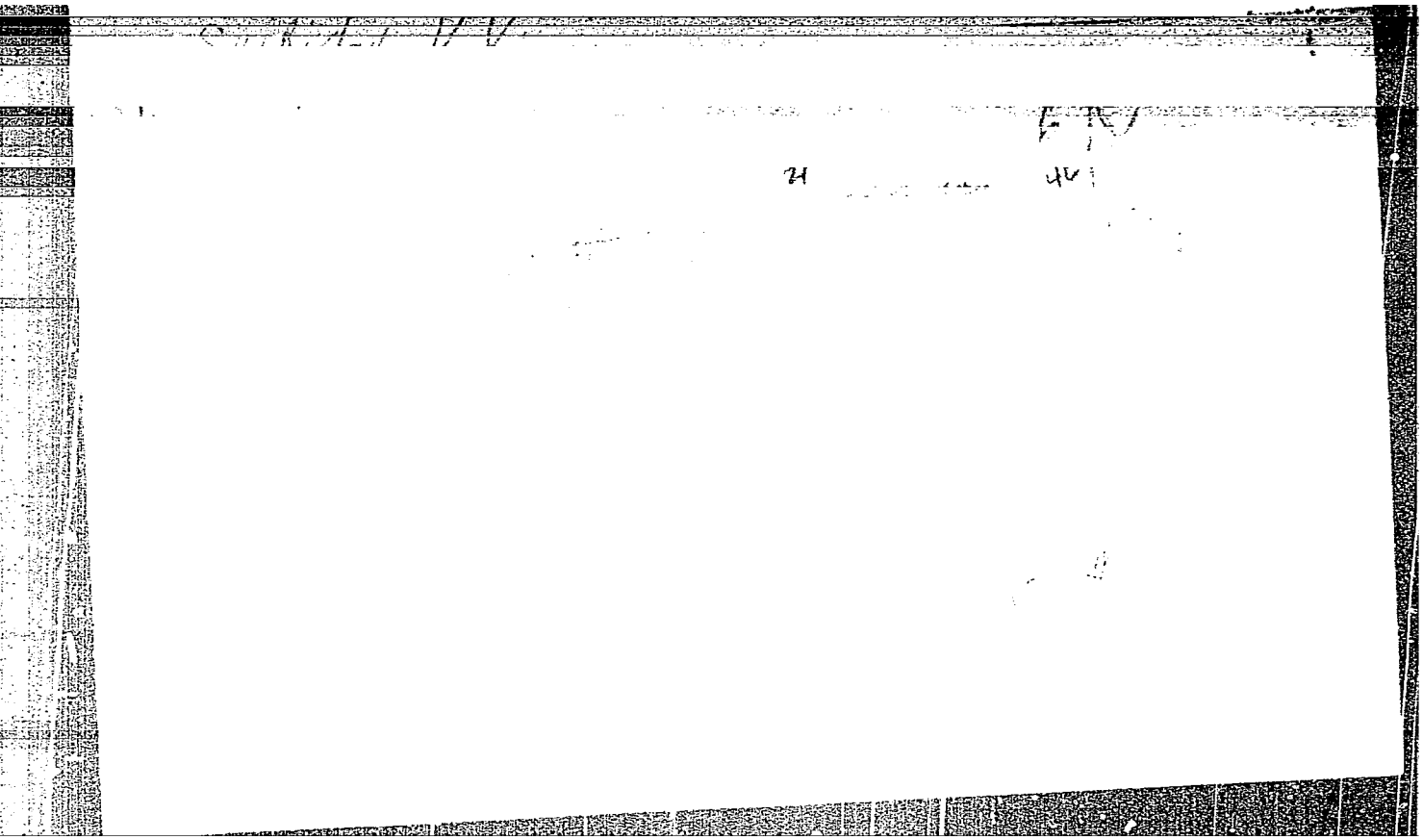
ABSTRACT: The article presents a method for calculating the one and two-part genealogical coefficients for cubic groups which is applicable to the analysis of multipart configurations in a strong cubic field; the properties of these quantities are discussed. The article gives complete tables of calculated values of these coefficients for groups 3/4, 3/4, and 6/4. The article starts with a discussion of the method of classification of the states of d-electrons in a cubic field. It then proceeds to calculation of the genealogical coefficients which are used in the construction of the wave functions, and then to calculation of the matrix elements of the mathematical operators. It concludes with

Card 1/2 UDC: 548.0:539.18

Card 2/2

APPROVED FOR RELEASE

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.

Kinetic features of the thermal decomposition of mixtures of nonirradiated and radiation activated strontium azide. Dokl. AN BSSR 2 no.7:291-293 Ag '58. (MIRA 11:10)

1. Predstavleno akademikom AN BSSR N.F.Yermolenko.
(Strontium azide) (Chemical reaction, Rate of)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.

Effect of conditions of preparation and of preliminary irradiation on the kinetics of the thermal decomposition of silver oxalate. Uch.zap. BGU no.42:233-247 '58. (MIRA 12:1)
(Silver oxalate)
(Chemical reaction, Rate of)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.; MAKAREVICH, I.A.

Kinetics of the thermal decomposition of silver oxalate in an atmosphere of different gases. Dokl. AN BSSR 3 no.5:208-210 My '59. (MIRA 12:10)

1.Predstavleno akademikom AN BSSR N.F. Yermolenko.
(Silver oxalates) (Gases)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.; SAY, A.A.

Kinetic characteristics of thermal decomposition of mechanical mixtures and solid solutions of nickel and cobalt formates. Dokl. AN BSSR 5 no.10:448-451 O '61. (MIRA 15:3)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina. Predstavleno akademikom AN BSSR N.F.Yermolenko.
(Nickel formates) (Cobalt formate) (Systems (Chemistry))

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

STASHONOK, V.D.; SVIRIDOV, V.V.

Photographic properties of gelatin layers containing silver acetylide. Zhur. nauch. i prikl. fot. i kin. 6 no. 3:186-192 My '61. (MIRA 14:5)

1. Belorusskiy gosudarstvennyy universitet im. V.I. Lenina. kafedra neorganicheskoy khimii, g. Minsk.
(Photographic emulsions)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.; BRANITSKIY, G.A.

Catalytic activity of silver obtained in the photochemical decomposition of silver oxalate. Dokl. AN BSSR 7 no.6:387-390 Je '63. (MIRA 16:10)

1. Belorusskiy gosudarstvennyy universitet imeni V.I. Lenina. Predstavleno akademikom AN BSSR N.F. Yermolenko.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 1/586-65 EWT(m)/T Pi-4/Pa-4/Pb-4 AFWL/ASD(a)-5/ESD(t)

ACCESSION NR AM4046711 BOOK EXPLOITATION S/

Zviridov, Vadim Vasil'yevich

Photochemistry and radiochemistry of solid inorganic matter (Fotokhimiya i radiatsionnaya khimiya tverdykh neorganicheskikh veshchestv), Part 1 Minsk, Izd-vo "Vysshaya shkola", 1964, 369 p. illus., biblio.

TOPIC TAGS: photochemistry, radiochemistry, silver halogenide, nitric acid salt, hydrazoic acid salt, hydroxyhaloid acid salt, photolysis, radiolysis

TABLE OF CONTENTS [abridged]:

Foreword -- 3
Ch. I. Introduction -- 6
Ch. II. Basic features of the interaction of radiation with solids -- 27
Ch. III. Photochemistry and radiochemistry of silver halogenides -- 79
Ch. IV. Photolysis and radiolysis ofnitric acid, hydrazoic acid, and hydroxyhaloid acid salts -- 245
Ch. V. Chemical action of radiation on compounds of elements of the first and second groups of the periodic system -- 319

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

L 17586-65
ACCESSION NR AM4046711

SUB CODE: IC SUBMITTED: 04Feb64 NR REF SOV: 310

OTHER: 999

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.; BRANITSKIY, G.A.; POTANINA, L.V.

Effect of the preliminary gamma-irradiation and heating on the activity of the $Ag/Ag_2C_2O_4$ catalyst. Izv. vys. ucheb. zav.; khim. i khim. tekh. 7 no.4:577-582 '64. (MIRA 17:12)

1. Kafedra neorganicheskoy khimii Belorusskogo gosudarstvennogo universiteta im. V.I. Lenina.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.; BRANITSKIY, G.A.

Particular features of the kinetics of silver oxalate thermal decomposition. Izv. vys. uchob. zav.; khim. i khim. tekh. 7 no.4:691-693 '64. (MIRA 17:12)

1. Kafedra neorganicheskoy khimii Belorusskogo gosudarstvennogo universiteta im. V.I. Lenina.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

ADAMOVICH, T.P.; SVIRIDOV, V.V.; LOBANOK, A.D.

Particular features of crystallization in the systems of coprecipitation of copper hydroxides and trivalent iron. Dokl. AN BSSR 8 no.5:312-315 My '64. (MIRA 17:9)

1. Belorusskiy gosudarstvennyy universitet imeni Lenina. Predstavleno akademikom AN BSSR N.F. Yermolenko.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

BRANITSKIY, G.A.; SVIRIDOV, V.V.; LESNIKOVICH, A.I.

Electron microscope study of the reduction of silver oxalate crystals. Dokl. AN BSSR 8 no.9:587-589 S '64. (MIRA 17:12)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, Vadim Vasil'yevich; VASIL'YEVA, Galina Ignat'yevna; ULAZOVA, Anna Romanovna; MALISHEVSKAYA, Lidiya Ivanovna; LITVINSKAYA, T., red.; MINCHUKOVA, T., red.

[Handbook of problems and exercises in inorganic chemistry] Sbornik voprosov i uprazhnenii po neorganicheskoi khimii. Minsk, Vysshaia shkola, 1965. 212 p. (MIRA 18:7)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V. [Svirydau, V.V.]; TARAYKOVSKAYA, G.I. [Taraikouskaia, H.I.]; POTAPENKO, R.M. [Tatapenka, R.M.]

Formation of cobalt ferrite from coprecipitated cobalt and iron hydroxides. Vestsi AN BSSR.Ser.khim.nav. no.2:52-60 '65. (MIRA 18:12)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVI[illegible], [illegible], aspirant

Ore potential of spessartites in the northwestern Caucasus. Izv. vys. ucheb. zav.; geol. i razv. 8 no.9:73-78 S '65. (MIRA 18:9)

1. Rostovskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V., inzh.

Parameters of multilayered induction coils from a rectangular conductor . Izv.vys.ucheb.zav.; gor.zhur. 7 no.2:160-169 '64. (MIRA 17:3)

Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy avtomatiki i telemekhaniki..

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V., inzh.

High-frequency coupling in underground haulage by electric locomotive. Izv. vys. ucheb. zav.; gor. zhur. 5 no.1:133-137 '62. (MIRA 15:4)

1. Khar'kovskiy gornyy institut. Rekomendovana kafedroy avtomatiki Khar'kovskogo gornogo instituta.
(Mine railroads) (Electricity in mining)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, V.V.; YAKIMOVA, V.A.; ZELENSKOVSKAYA, A.Ye.

New data on the Pre-Cambrian of the southern slope of the Voronezh Massif in the region of the Kazanskaya railroad station. Sov. geol. 8 no.5:113-115 My '65. (MIRA 18:7)

1. Tsentral'naya laboratoriya Volgo-Donskogo territorial'nogo geologicheskogo upravleniya.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, Valentin Viktorovich, inzh.

High-frequency parameters of the contact networks in mines. Izv. vys.ucheb.zav.; elektromekh. 5 no.9:1044-1047 '62. (MIRA 16:1)

1. Kafedra avtomatiki Khar'kovskogo gornogo instituta.
(Electricity in mining) (Electric networks)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0

SVIRIDOV, Yu.A.

Regulating flame jets in air preheaters for blast furnaces. Biul. TSNIICHM no.15:41 '57. (MIRA 11:5)

1. Kuznetskiy metallurgicheskiy kombinat.
(Blast furnaces) (Electronic control)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001654130010-0"