

Lyubovini, V. D.

Lyubovini, V. D. On spectral decomposition of self-adjoint operators. Uspehi Mat. Nauk (N.S.) 11 (1956), no. 4(70), 139-142. (Russian)

Kantorovich, Vulich, and Pinskiy (Functional analysis in partially ordered spaces, Gostehizdat, Moscow-Leningrad, 1950; Uspehi Mat. Nauk (N.S.) 6 (1951), no. 3(43), 31-98; MR 12, 340; 13, 361) established the spectral representation theorem for bounded self-adjoint operators as follows: If  $A$  is bounded and selfadjoint and if

$A' = \{B \mid B \text{ bounded self-adjoint, } AB=BA\}$ ,

$A'' = \{C \mid C \text{ bounded self-adjoint, } CB=BC, B \in A'\}$ ,

then  $A''$  is (in the language of K.V.P. for partially ordered vector spaces) a  $K$ -space with unit. Since  $\bar{A} \in A''$ , the integral representation for elements of  $K$ -spaces yields the

1-FW

2

1/2

Ljubovini, V.D.

spectral theorem. The author treats the case in which  $A$  is not bounded. For this, let  $R_\lambda$  be the resolvent of  $A$ , which exists if  $\text{Im } \lambda \neq 0$  and let  $A_1 = \frac{1}{2}(R_1 + R_{-1})$ ,  $A_2 = \frac{1}{2}(R_1 - R_{-1}) = R_1 R_{-1}$ . Then  $A_1, A_2 \in A'$  and in fact  $A_2$  is bounded, ( $\|A_2\| \leq 1$ ) and self-adjoint. If  $A_2$  has the spectral resolution  $\{E_\lambda\}$ , set  $P_k = E_{2/k} - E_{2/(k+1)}$  ( $k=1, 2, \dots$ ), and let  $X_k$  be the component of  $A''$  which contains  $P_k$ , and  $H_k = P_k H$  ( $H = \text{Hilbert space}$ ). The formula  $\sum_1^\infty P_k = I$  is immediate. The fact that  $A_k = A P_k \in A''$  is less obvious but established. If

$$X^* = \sum_1^\infty X_k = \{B \mid B = \sup \{B_k \mid B_k \in X_k\}\}$$

let  $\mathcal{A}$  be the self-adjoint elements in  $X^*$ , then  $A'' \subset \mathcal{A}$ ,  $A \in \mathcal{A}$ .  $\mathcal{A}$  is easily seen to be  $K$ -space and the integral representation now follows.

B. R. Gelbaum.

L.E.W

2

7/2

Spud

LYUBOVIN, V.D.

K-spaces of bounded self-conjugate operators. Uch. zap. Ped.  
inst. Gerts. 125:119-155 '56. (MLRA 9:12)

(Operators (Mathematics))

ASTAKHOVA, L.N.; UTNITSKAYA, P.M.; LEVINA, T.A.; KURANOVA, L.K.;  
VODYANNIKOVA, A.A.; SUCHIL'NIKOVA, N.A.; MYL'NIKOVA, N.Ye.;  
LYUBOVITSKAYA, V.Z.

Separability of the poliomyelitis virus in those inoculated  
with live attenuated vaccine. Vop. virus 7 no.1:121 Ja-F '62.  
(MIRA 15:3)

1. Sverdlovskiy institut po profilaktike poliomiylita.  
(POLIOMYELITIS VACCINE)

1. LYUBOVITSKIY, S. M.
2. USSR (600)
4. Machine-Shop Practice
7. New work methods of the repairmen at the Vladimir Tractor Plant. Avt. trakt. prom. no. 9, '52.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

LYUBOVNYY, V.Ya.

Several problems in the formation of urban population. Geog.  
i khoz. no.9:60-64 '61. (MIRA 14:11)  
(Moscow Province--Population)  
(Cities and towns)

LYUBOVNYY, V. YA.

Dissertation defended at the Institute of Geography  
for the academic degree of Candidate of Geographical Sciences:

"Geographical Characteristics in Preparing Cadres of Industrial enter-  
prises in the Urban Settlements of the Southeast Moscow Oblast."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

LYUBOVNYY, Yu.S., inzhener.

Economizing metals in forging at the Chelyabinsk Kirov Plant. (In:  
Ryzhkov, D.A., ed. *Ekonomiya metallov v kuznechno-shtampovochnom proiz-*  
*vodstve.* Moskva, 1953, p.132-150) (MLBA 7:1)  
(Forging) (Punching machinery)



LYUBOVHYY, Yu.S., inzhener.

Mechanization of die forging at the Chelyabinsk Tractor Plant.  
Vest.mash.35 no.9:45-49 S '55. (MLRA 9:1)  
(Cheliabinsk--Forging machinery)

USSR/ Physics - Vacuum techniques

FD-1035

Card 1/1 : Pub. 153 - 6/23

Authors : Lyubovskaya, E., and Ravdel', A.

Title : Investigation into the absorptive power of non-atomized gas-absorbers

Periodical : Zhur. tekhn. fiz., 24, 1392-1400, Aug 1954

Abstract : Study the absorptive power of zirconium and titanium, with admixture of thorium, in relation to hydrogen and oxygen in the range from room temperature to 700° C. Conclude that zirconium and titanium gas-absorbers very effectively absorb hydrogen and oxygen under definite temperature conditions, thus permitting their use in electron tubes as getters to improve or maintain the vacuum. Find the temperature dependence of the absorptive capacity. Thank Academician A. N. Terenin. Two references, both non-Russian.

Institution : - -

Submitted : 25 March 1954

LYUBOVSKAYA, K.L., sotrudnik; MURATOV, Kh.I., mayor, sotrudnik; KHODAK, A.A.,  
sotrudnik; ALEKSEYEV, M.A., podpolkovnik, redaktor; ZUDINA, M.P.,  
tekhnicheskii redaktor

[Military feats of units of the Red Army (1918-1922)] Boevye podvigi  
chagstei Krasnoi Armii (1918-1922 gg.); sbornik dokumentov. Moskva,  
Voen. izd-vo M-va obor. SSSR, 1957. 238 p. (MLRA 10:6)

1. Russia (1923- U.S.S.R.) Tsentral'nyy gosudarstvennyy arkhiv  
Krasnoy Armii. 2. Tsentral'nyy gosudarstvennyy arkhiv Krasnoy  
Armii (for Lyubovskaya, Muratov, Khodak)  
(Russia--Revolution, 1917-1921)  
(Russia--Army--History)

LYUBOVSKAYA, P. I.

Lyubovskaya, P. I. "In the influence of the nervous system in the exchange of substances between the blood and the tissues", In the collection: Molecular physiol. reactions, Issues 11-15, Leningrad, 1949, p. 373-76

SO: 7-1382, 19 August 53, (Lectures "Zhurnal Vyssh. Shkoly, No 31, 1947)

LYUBOVSKAYA, P.I.

Glutathione and sugar metabolism in the organs of a dog during  
different states of the nervous system. Vop.med.khim.4:209-219  
'52. (MIRA 11:4)

1. Kafedra patologicheskoy fiziologii Chernovitskogo meditsinskogo  
instituta.

(GLUTATHIONE) (SUGAR IN THE BODY) (NERVOUS SYSTEM)

CHETVERTAK, D.S., prof.; LYUBOVSKAYA, P.I.

Effect of stimulation of interoceptors of the sex glands on  
kidney function. Vrach.delo supplement '57:97 (MIRA 11:3)

1. Kafedra patologicheskoy fiziologii (zav.-prof. D.S.Chetvertak)  
Chernovitskogo meditsinskogo instituta.  
(KIDNEYS) (GENERATIVE ORGANS--INNERVATION)

LYUBOVSKAYA, P.I.; ROKHLENKO, S.Z.

State of bone marrow in schizophrenia. Vrach.delo no.12:1295-1296  
D '57. (MIRA 11:2)

1. Kafedra psikhatrii (zav. - prof. G.Yu.Malis) i kafedra patofizio-  
logii (zav. - prof. D.S.Chetvertak) Chernovitskogo meditsinskogo  
instituta.  
(MARROW) (SCHIZOPHRENIA)

LYUBOVSKAYA, P.I.; ROZHIFENKO, S.Z.

Reaction of myeloid tissue to the administration of antibiotics in certain mental disorders. Vrach.delo no.1:1261-1263 D '58.

1. Kafedra psikhiiatrii (zav. - prof. G.Yu. Malis) i kafedry patologicheskoy fiziologii (zav. - prof. D.S. Chetvetrak) Chernovitskogo meditsinskogo instituta i Chernovitskoy psikhiatricheskoy bol'nitsy. (MIRA 12:3)  
(MARROW) (ANTIBIOTICS)



CHEVVERTAK, D.S., LYUBOVSKAYA, P.I., SEMEN, N.P.

Results of an analysis of mechanisms of neural regulation of absorption processes. *Fiziol.zhur.* 44 no.8:741-746 Ag '58 (MIRA 11:9)

1. Kafedra normal'noy i patologicheskoy fiziologii Meditsinskogo instituta, Chernovitsy.

(CEREBRAL CORTEX, physiology

eff. of inhib. & stimulation on intestinal absorp.  
(Rus))

(INTESTINES, physiology

absorp., eff. of cerebrocortical inhib. & stimulation  
(Rus))

ZAKRIVIDROGA, Z.S.; LYUBOVSKAYA, P.I.; CHETVERTAK, D.S.

Analysis of mechanisms of the neural regulation of immunological reactions; author's abstract. Zhur.mikrobiol.epid. i immun. 30 no.5:128 My '59. (MIRA 12:9)

1. Iz Chernovitskogo meditsinskogo instituta.  
(CENTRAL NERVOUS SYSTEM, physiol.  
eff. of chem. stimulation & inhib. on immun.  
reactions in animals (Rus))  
(IMMUNITY, physiol.  
eff. of CNS stimulation & inhib. on immun.  
reactions in animals (Rus))

ZAKRIVIDOROGA, Z.S.; LYUBOVSKAYA, P.I.

Morphological changes in the brain and the peripheral blood under  
the influence of bioamycin and terramycin. Vrach.delo no.11:129-131  
N '60. (MIRA 13:11)

1. Kafedra patologicheskoy fiziologii (zav. - prof. D.S.Chetvertak)  
Chernovitskogo meditsinskogo instituta.

(AUREOMYCIN)

(TERRAMYCIN)

(BRAIN)

(BLOOD)

NOSKOV, I.G., kand.sel'skokhoz.nauk (Tashkent); PONOMARENKO, G.Ya.;  
ZAKRIVIDOROGA, S.P.; ZAKRIVIDOROGA, Z.S.; LIPSITS, D.V.;  
LYUBOVSKAYA, P.I.; POLOTAY, V.A.; TARAKHOVSKIY, M.L.;  
FASTOVSKIY, V.L.

Letters to the editor. Zashch. rast. ot vred. i bol. 6  
no.8:10 Ag '61. (MIRA 15:12)

1. Vsesoyuznaya stantsiya po raku kartofelya Vsesoyuznogo  
instituta zashchity rasteniy i Chernovitskiy meditsinskiy  
institut.

(Plants, Protection of)  
(Synchytrium--Toxicology)

ZAKRIVIDOROGA, S.P.; ZAKRIVIDOROGA, Z.S.; LIPSITS, D.V.; LYUBOVSKAYA, P.I.;  
POLOTAY, V.A.; TARAKHOVSKIY, M.L.; FASTOVSKIY, V.L.

Toxicity for animals of the cancerous potato. Vop. pit. 21 no.5:  
58-66 S-0 '62. (MIRA 17:5)

1. Iz laboratorii biokhimii Vsesoyuznoy nauchno-issledovatel'skoy  
stantsii po paku kartofelya i kafedr farmakologii, patofiziologii,  
patoanatomii i gistologii meditsinskogo instituta, Chernovtsy.

ZAKRIVIDOROGA, S.P.; ZAKRIVIDOROGA, Z.S.; LYUBOVSKAYA, E.L.; ROKHLENKO, S.Z.

Intensity of oxygen consumption by myeloid tissue in some mental diseases. Zhur.nevr. i psikh. 63 no.12:1853-1855 '63.

(MIRA 18 1)

1. Kafedra psikhiiatrii i kafedra farmakologii (zav. -- prof. S.P. Zakrividoroga) Chernovitskogo meditsinskogo instituta i Chernovitskaya psikhonervrologicheskaya bol'nitsa.

VASHKIN, I.A.; SOLOVNIK, I.G.; LYBCHINSKAYA, V.Ye.

Effect of the type of anticorrosive coating of castings on  
the quality of iron castings. Lit. review, no.4:5-6, 1972.  
MIRA 18:7.

POKROVSKAYA, Yelena Vladimirovna; DELEUR, G.A., redaktor; LYUBOVSKIY, A.,  
redaktor; ZELENIKOVA, Ye., tekhnicheskiy redaktor

[Planning, building and laying out machine-tractor stations]  
Planirovka, zastroika i blagoustroistvo mashinno-traktornykh stantsii.  
Pod obshchei red. G.A.Deleura. Kiev, Gos. izd-vo lit-ry po stroit. i  
arkhitekture USSR, 1956. 284 p. (MLRA 9:8)  
(Machine-tractor stations)



VASHUKOV, I.A.; LYUBOVSKAYA, V.Ye.; PESOCHINA, Ye.T.; MAYKOV, O.A.

Use of charcoal for the heating of large risers. Lit.proizv.  
no.7:10-11 J1 '62. (MIRA 16:2)

(Risers (Founding))

38131. LYUBOVSKIY, G.

Kolbasnyye masterskiye. (Tipovyye proyekty). Myas. industriya  
SSSR, 1949, No 6, s. 62-65

KIPPER, I., LYUBOVSKIY, G.

Slaughtering and slaughterhouses

In search of solutions for economic planning Mias. ind SSSR 23 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, ~~August~~ 1957, Uncl.  
2

LYUBOVSKIY, G.

LYUBOVSKIY, G., inzhener; MANERBERGER, A., professor.

Mechanization of hide salting shops. Mias.ind.SSSR 25 no.1:5-8  
'54. (MLRA 7:3)

1. Gipromyasomolprom. (Leather industry)

LYUBOVSKIY, G., inzhener.

Исследования в области конвейерных систем

Conveyor line calculations in meat combines. *Mias.ind. SSSR.*  
25 no.4:35-38 '54. (MLBA 7:8)

1. Gipromyasomolprom.  
(Packing houses) (Conveying machinery)

LYUBOVSKIY, G.

Mechanization of poultry plucking (from "Automation," May 1957).

(MIRA 11:5)

(Poultry plants--Equipment and supplies)

(Automatic control)

GRINBERG, T.; LYUBOVSKIY, G.

Immobilization of pigs with carbon dioxide before slaughter (from  
"Food manufacture" May 1957, "Food" Aug. 1956, National Provisioner"  
April 1956 and May 1957). Mias. ind. SSSR 28 no.5:61-63 '57.  
(Slaughtering and slaughterhouses) (MIRA 11:1)

*LYUBOVSKIY, G.*  
LYUBOVSKIY, G.

Processing of hides by the U.S. meat industry (from "Meat", Nov. 1956; "The National Provisioner," Jan., March, June, 1957). Mias. ind. SSSR 28 no.6:59-60 '57. (MIRA 11:1)  
(United States--Packing house products)  
(Hides and skins)



LYUBOVSKIY, G.

New method of purifying waste water from packing plants. (From "Meat,"  
May 1957; The national provisioner, " July 1957). Mias. ind. SSSR  
29 no.1:57-60 '58. (MIRA 11:3)  
(Packing houses) (Water--Purification)

LYUBOVSKIY, G.

Latest in the production of sausages. Mias.ind.SSSR 31  
no.5:59-61 '60. (MIRA 13:9)  
(United States--Sausages) (Great Britain--Sausages)

BENSON, Mikhail Il'ich, inzh.; BEREZIN, Nikolay Tikhonovich,  
inzh.; GURNI, Varvara Pavlovna, kand. tekhn.nauk;  
LYUBOVSKIY, Grigoriy Abramovich, inzh.; MARTIROSIAN,  
Yelena Mikirtychevna:PROGOROVICH,Anna Lazarevna,  
kand. tekhn. nauk; SIMONOVA, Irina Mikhaylovna, inzh.;  
YEFREMOVA, M.K., red.; GOLOVINA, N.Z., red.; AKSEL'ROD,  
I.Sh., tekhn. red.

[English-Russian dictionary of the food industry] Anglo-  
russkii slovar' po pishchevoi promyshlennosti. Moskva,  
Fizmatgiz, 1963. 570 p. (MIRA 17:1)

LYUBOVSKIY, I., neshtatnyy instruktor

Inactive boards of administration. NTO 3 no.12:55 L '61.  
(MIRA 15:1)

1. Oblastnoy sovet nauchno-tekhnicheskikh obshchestv,  
Smolenskaya obl.  
(Smolensk Province--Technical societies)

L 5359-66 EWT(1)/EWA(h)

ACC NR: AP5023655

SOURCE CODE: UR/0119/65/000/008/0016/0018

AUTHOR: Kaplan, M. I. (Engr.); Lyubovskiy, I. A. (Engr.); Fedorov, V. G. (Engr.)

ORG: none

TITLE : Electronic pulse recorders 25

SOURCE: Priborostroyeniye, no. 8, 1965, 16-18

TOPIC TAGS: recorder, pulse recorder

ABSTRACT: Pulse recorders are considered which are based on the electronic pulse relay; in the latter, an additional winding of an electromagnetic relay forms a part of a positive feedback circuit, while the main relay winding is connected to the collector circuit of a P-25 transistor. Such a device permits recording even a very short electric pulses (1  $\mu$ sec) with slow (10 msec) electromechanical relays and without any intermediate signal transducer. Application of the above electronic-relay principle to a pulse counter and a light-pulse recorder is briefly described. Orig. art. has: 4 figures, 1 formula and 1 table.

SUB CODE: EG/ SUBM DATE: 00/ ORIG REF: 004/ OTE REF: 000

Card 1/1

PC

25  
B

0701 1151

LEVIN, S. Z.; SHAPIRO, A. L.; LYUBOVSKIY, I. S.

Synthesis of alkylene carbonates. *Neftekhimiya* 2 no.4:573-576  
Jl-Ag '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimi-  
cheskikh protsessov.

(Carbonic acid) (Esters)

YEROKHIN, A.A.; LYUBOVSKIY, K.V., doktor tekhn. nauk, prof.,  
retsensent

[Kinetics of metallurgical processes in arc welding] Kine-  
tika metallurgicheskikh protsessov dugovoi svarki, Moskva,  
Izd-vo "Mashinostroenie," 1964. 252 p. (MIRA 17:5)

LYUBOVSKIY, O. [Liubovs'kyi, O.], inzh.

The road controls the car. Znan. ta pratsia no. 11:23 N '60.  
(MIRA 14:4)

(Automobiles—Safety measures) (Automatic control)



LYUBOVSKIY, O. [Liubovs'kyi, O.], inzh.

Tomorrow's telephone. Znan. ta pratsia no.6:14 Je '62.  
(MIRA 16:7)

(Phototelegraphy)

LYUBOVSKIY, O. [Liubovs'kyl, O.]

Descendants of the quack Latan. Znan.ta pratsia no.9:30 S '62.  
(MIRA 15:11)

(United States--Quacks and quackery)

LYUBOVSKIY, O. [Lyubovs'kyi, O.]

Discoveries of Kin Pong Khan. Znan. ta pratsia no.1:12 Ja '63.  
(MIRA 16:3)

(ACUPUNCTURE)

LYUBOVITSEV, Vladimir Il'ich; BELYAKOV, V., red.; MUKHIN, Yu., tekhn.  
red.

[Beyond the Khatanga River] Za rekoi Khatangoi. Moskva,  
Gospolitizdat, 1962. 108 p. (MIRA 15:10)  
(Taymyr Peninsula--Collective farms) (Dolgans)

POTOLOKOV, Sergey Ivanovich; BOGOYAVLENSKIY, Ye.P., retsenzent; LYUBQVTSOVA,  
N.M., retsenzent; NIKOLAYEV, L.N., spetsredaktor; MOROZOVA, I.I.,  
redaktor; CHEBYSHEVA, Ye.A., tekhnicheskij redaktor

[Technology of cooperage] Tekhnologiya bondarnogo proizvodstva.  
Izd. 2-oe, ispr. i dop. Moskva, Pishchepromizdat, 1957. 325 p.  
(Coopers and cooperage) (MLRA 10:9)

L 52051-65 EWT(1)/EWG(✓)/FCO/EEC(t) Pa-5/P1-4 GS/GW  
ACCESSION NR: AT6011162 UR/0000/64/000/000/0101/0103

39  
38  
B+1

AUTHOR: Lyubovtseva, Yu. S.

TITLE: Field aureole apparatus

SOURCE: Mezhvedomstvennoye soveshchaniye po aktinometrii i optike atmosfery. 5th,  
Moscow, 1963; Aktinometriya i optika atmosfery (Actinometry and atmospheric optics);  
trudy soveshchaniya. Moscow, Izd-vo Nauka, 1964, 101-103

TOPIC TAGS: aureole, meteorological instrument, atmospheric optics, aerosol, atmospheric light scattering, atmospheric surface layer

ABSTRACT: A field apparatus has been constructed and tested for measurement of the angular dependence of the scattering function of air in the  $12' - 5^\circ$  region of scattering angles in different parts of the spectrum ( $\lambda = 0.4 - 1\mu$ ). The small angles method developed by K. S. Shifrin was used for determination of the particle-size distribution of atmospheric aerosols. The apparatus is part of an outfit developed at the Zvenigorodskaya nauchnaya baza (Zvenigorod Scientific Base) of the Institut fiziki atmosfery (Institute of Atmospheric Physics) under the direction of G. V. Rozenberg for simultaneous investigation of the optical properties of near-surface air and aerosols. Fig. 1 of the Enclosure is a diagram of the apparatus. A slightly diverging light beam from the light source (4' in diameter)

Card 1/4

L 52051-65

ACCESSION NR: AT5011162

penetrates the atmosphere at a small angle ( $6'$ ) to the horizontal. At a distance of 200 or 60 m horizontally from the light source there is a telephotometer with a  $6'$  field of view which scans along the illuminating beam. The measurements are made at three wavelengths with interference light filters  $\lambda_1 = 0.47\mu$ ,  $\lambda_2 = 0.585\mu$  and  $\lambda_3 = 0.888\mu$ . The light source is a DKSSH-1000B lamp. A FEU-22 photomultiplier is the detector. Angular resolution of the apparatus is  $12'$ . The leading parts of the indicatrices were measured for different meteorological conditions in different parts of the spectrum. Examples of indicatrices measured for two cases of a moist mist are shown in Fig. 2 of the Enclosure. A "Ural-1" computer was used to analyze the experimental data for determination of the particle-size distribution of atmospheric aerosols. Orig. art. has: 2 figures.

ASSOCIATION: Institut fiziki atmosfery AN SSSR, Moscow (Institute of Atmospheric Physics, AN SSSR)

SUBMITTED: 25Nov64

ENCL: 02

SUB CODE: ES

NO REF SOV: 000

OTHER: 000

Card 2/4

L 52051-65

ACCESSION NR: AT5011162

ENCL: 01

0

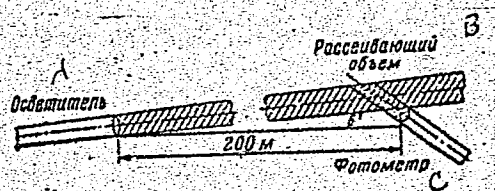


Fig. 1. Diagram of the apparatus: A) light source; B) Scattering volume; C) Photometer.

Card

3/4



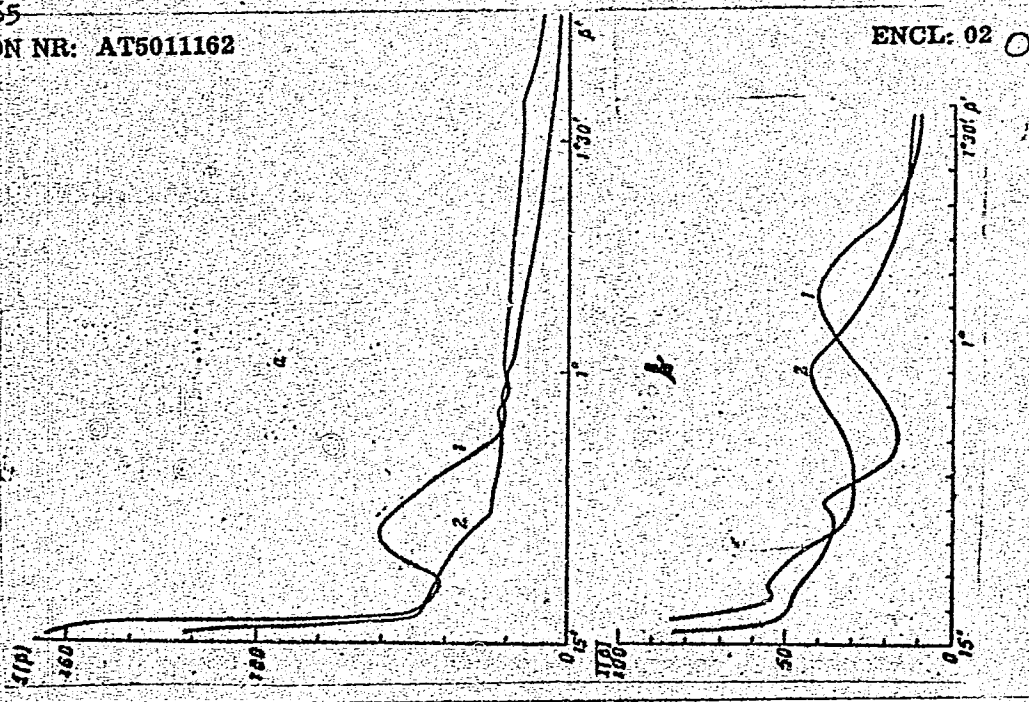
E 52051-65

ACCESSION NR: AT5011162

ENCL: 02

Fig. 2. Leading parts of indicatrices  
for two (a, b) cases of moist mist:  
1)  $\lambda = 0.8984$ ; 2)  $\lambda = 0.5854$ .

ML  
Card 4/4



ACCESSION NR: AP4038151

S/0049/64/000/005/0794/0799

AUTHOR: Lyubovtseva, Yu. S.

TITLE: A field setup for aureole observation

SOURCE: AN SSSR. Izv. Seriya geofizicheskaya, no. 5, 1964, 794-799

TOPIC TAGS: aureole, atmospheric scattering, scattering indicatrix, atmosphere, xenon lamp SVDSH 1000B, telephotometer UFPL

ABSTRACT: The aureole-observing setup permits scattering to be measured directly in the field. It allows determination of the form of the aureole part of the scattering indicatrix for the near-surface layer of atmosphere under different meteorological conditions in various parts of the spectrum, with an angular resolution of about 12'. It is part of equipment built under the direction of Professor G. V. Rozenberg at the Zvenigorodskiy nauchnoy baze IFA AN SSSR (Zvenigorod Scientific Station of the IFA AN SSSR) for simultaneous investigation of the optical properties of the near-surface air and of aerosols. The setup consists basically of three parts: an illuminator, a scattering chamber, and a photometer. Each is described in detail. An SVDSH-1000B xenon lamp is used as the light source. For detection, a modified UFPL telephotometer is employed. The size of particle detectable by the

Card 1/3

ACCESSION NR: AP4038151

instrument ranges from 2 microns as a minimum to 100 microns as a maximum for a wavelength of 0.6 microns, and from 3 to 150 microns for a wavelength of 0.9 microns. Measurements show that for any atmospheric state the indicatrix proves to be elongated; i.e., there is a more or less well-defined aureole. This aureole part of the scattering indicatrix undergoes considerable change with change in atmospheric conditions. The particles enlarge in size during formation of clouds, the maxima on the scattering curve, corresponding to effective sizes of particles, shift toward smaller scattering angles, or toward larger particles. The first part of the indicatrix (the first maximum) is compressed, and this also indicates a growth in effective size of particle. But as cloudiness becomes denser, repeated scattering begins to have an effect: the maxima become diffuse and the rest of curve smooths out. With decrease in wavelength, the elongation of the aureole part of the indicatrix increases, the maximum being shifted toward smaller angles (larger particles). In addition, a turbulent fluctuation was observed in the direction of scattering in the atmosphere. "In conclusion, I express my deep thanks to G. V. Rozenberg for his guidance in the work, K. S. Shifrin for valuable suggestions, and G. Ye. Yeroshkin for his aid in constructing the equipment and in making measurements." Orig. art. has: 8 figures and 10 formulas.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki atmosfery\* (Academy of Sciences SSSR, Institute of Physics of the Atmosphere)

Card 2/3

ACCESSION NR: AP4038151

SUBMITTED: 21Jun63

DATE ACQ: 12Jun64

ENCL: 00

SUB CODE: ES, OP

NO REF SOV: 005

OTHER: 002

Card 3/3

L 31126-66 EWT(1)/FCC GW  
ACC NR: AP6011367

SOURCE CODE: UR/0362/66/002/003/0248/0262

AUTHOR: Lyubovtseva, Yu. S.; Rozenberg, G. V. (Doctor of physico-mathematical sciences)

37  
B

ORG: Institute of Physics of the Atmosphere, Academy of Sciences SSSR (Institut fiziki atmosfery Akademii nauk SSSR)

TITLE: The aureole component of the indicatrix of scattering in the surface layer of the atmosphere

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 3, 1966, 248-262

TOPIC TAGS: light scattering, fog, aureole, atmospheric optics

ABSTRACT: The basic results of the measurements of the scattering function ( $10'$  to  $10^\circ$ ) conducted at the Zvenigorod Science Base (1962-1964) and the aureole classification for various meteorological conditions are presented. The study of the aureole phenomenon was based on the evaluation of the angular dependence of the brightness of light scattered by the atmosphere  $I(\beta)$  and the angular dependence of light power scattered in all azimuths inside an interval of the angles of scattering  $d\beta$ , where  $\beta$  is the angle of scattering. The apparatus and electrical equipment described by Lyubovtseva and Dianov-Klovov, et al., and an automatic recorder (EPP-09-M) were used for measurements of three wave lengths:  $\lambda_1 = 0.47$ ,  $\lambda_2 = 0.585$ , and  $\lambda_3 = 0.888$  (microns). The

Card 1/2

UDC: 551.593.6

L 31126-66

ACC NR: AP6011367

coefficient of directional light scattering  $D(\beta)$  was evaluated by using the formula 2

$$D(\beta) = (C/V(\beta)) (I(\beta)/\phi),$$

where  $C$  is the constant depending on the apparatus construction,  $V(\beta)$  is the effective scattering volume, and  $\phi$  is the power of a light beam. The data show that there are three characteristic types of angular dependences ( $I(\beta)$ ) corresponding to three different visual-optical conditions: haze, foggy haze, and fog. The data also show that 1) the brightness fluctuations are insignificant for mist and steady foggy mist and are of considerable magnitude during the transition from foggy mist to fog; 2) a mist is usually formed during atmospheric pollution; 3) the foggy mists are usually observed under the conditions of the ordinary atmospheric pollution; 4) the fogs are observed, as a rule, at high relative humidities and corresponding meteorological visibility  $S < 1$  km; 5) the transition from a mist to a fog is connected with the formation of large drops; the increase in the concentration of large drops leads to the disintegration of the fog; the brightness of scattered light increases with an increase in the fog condensation. The authors thank G. K. Yeroshkin who performed a considerable part of the time-consuming measurements and V. I. Dianov-Klokov for assistance in modifying the measurement devices. Orig. art. has: 9 figures, 1 formula. [14]

SUB CODE: 08/  
ATD PRESS: 4241

SUBM DATE: 17Nov65/

ORIG REF: 003/

OTH REF: 001

Card 2/2 CC

LYUBOVSKIY, O. [Ljubova'kyi, O.]

A sea giant. Znan.ta pratsia no.12:20 D '59.  
(MIRA 13:4)

(Whale shark)

LYUBOVSKIY, O. [Liubovs'kyi, O.]

Wonderful clock from Antikythera. Znan. ta pratsia no.9:11 s '60.  
(MIRA 13:9)

(Antikythera—Antiquities) (Clocks and watches)



MENTSOV, V.S., starshiy prepodavatel'; LYUBOVTSOVA, M.D., inzh.;  
VASIL'YEV, S.S., doktor khim. nauk, prof.

Effect of the voltage of the electric field on the speed and  
strength of fabric gluing by means of high frequency currents.  
Nauch. trudy MTILP no.24:65-69 '62. (MIRA 16:7)

1. Kafedra fiziki Moskovskogo tekhnologicheskogo instituta  
legkoy promyshlennosti.  
(Gluing) (Induction heating)

PUSTOVALOV, I., inzh.; LYUBSHENKO, A., inzh.

Establishing norms for electric and gas welding. Tekh. v  
sel'khoz 20 no.7:90-93 JI '60. (MIRA 13:9)  
(Electric welding) (Gas welding and cutting)

LYUBSHIN, I.

Remote control of distribution units of urban electric power systems. Zhil.-kom. khoz. 10 no.12:16-18 '60. (MIRA 13:12)

1. Nachal'nik laboratorii Kaluzhskoy elektroseti, g.Kaluga.  
(Remote control)  
(Kaluga—Electric power distribution)

LYUBSKAIA, A. F.

Brief instructions for describing types of places suitable for experiments regarding meadows and pastures in the forest regions of the European part of the U. S. S. R. Moskva, Vses. institut kormov, 1931. 22p.

LYURSKAYA, A.F.

25074 LYURSKAYA, A.F. Biologicheskiye Osnovy Omolozheniya Luga. V Sb: Voprosy  
Kormodobyvaniya Vyp. 2. M., 1949, S. 29-30

SO: Letopis', No. 33, 1949

LYUBSKAYA, A.F.

25075 LYUBSKAYA, A.F. Obogashcheniye Travostoya Luga Bobovymi Travami Putem Podseva Ikh V Derninu. V Sb: Voprosy Kormodobyvaniya. Vyp. 2.M.,1949, S.37-38

SO: Letopis', No.33, 1949

LYUBSKAYA, A. F.

Meadows

Improving meadow stand by sowing leguminous grasses, Korm. baza, 2, No. 12, 1951.

Monthly List of Russian Accessions, Library of Congress, April, 1952.  
Unclassified.

LYUBSKAYA, A. F.

Meadows

Increasing the productivity of meadows. Kolkh. proizv. 12 no. 4 1962

Monthly List of Russian Accessions, Library of Congress, August, 1962. UNCLASSIFIED.



LYUBSKAYA, Antonina Fedorovna; DOLINSKIY, N.M., redaktor; PAVLOVA, M.M.,  
tekhnicheskiiy redaktor

[Supplementary seeding of meadows] Podsev trav na lugakh. Moskva.  
Gos. izd-vo sel'khoz. lit-ry, 1956. 44 p. (MLRA 10:3)  
(Pastures and meadows)

*Larina, I.V.*  
LARIN, I.V.; AGABABYAN, Sh.M.; RABOTNOV, T.A.; LARINA, V.K.; KASIMENKO, A.F.;  
LYUBSKAYA, A.F.; VIKHREV, S.D., redaktor; ISAKOV, N.A., tekhnicheskiy  
redaktor

[Forage plants of meadows and pastures of the U.S.S.R.] Kormovye  
rasteniia senokosov i pastbishch SSSR. Pod red. I.V.Larina. Moskva,  
Gos. izd-vo sel'khoz.lit-ry. Vol.3. [Dycotyledons (Geraniaceae -  
Compositae) Conclusions and discussions] Dvudol'nye (geranievye-  
slozhnotsvetnye) obshchie vyvody i zakliucheniiia. 1956. 879 p.  
(MLRA 10:3)

1. Deystvitel'nyy chlen Vsesoyuznoy akademii Sel'skokhozyaystvennykh  
nauk imeni V.I.Lenina. (for Larin)  
(Botany) (Forage plants)

USSR/Meadow Cultivation.

L

Abs Jour: Ref Zhur-Biol., No 9, 1958, 39132.

Author : Lyubskaya, A.F.

Inst : ~~All-Union Academy~~ Academy of Agricultural Sciences  
ineni Lenin.

Title : The Regeneration of Meadow Grasses.

Orig Pub: Dokl. VASKhNIL, 1957, No 8, 20-23.

Abstract: It is recommended, in order to rejuvenate the meadow stock of grasses, to effect the sealing of organs with vegetative embryos of economically valuable plants at a depth of 2-4 cm and to avoid an excessive division of the bush into small parts. When cutting the meadow, the vegetation cover of which is presented by hair grass or by sedge, it is necessary to seal in the vegetative embryos of these

Card : 1/2

LYUBSKAYA, I.I. (Moskva)

Recent and late results of radioiodine therapy in thyrotoxicosis. 14a Probl.endok. i gorm. 8 no.2:87-93 Mr-Apr'62.

(MIRA 16:7)

1. Iz poliklinicheskogo otdela (zav.-prof. I.B.Khavin) Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir.-prof. Ye.A. Vasyukova).

(IODINE—ISOTOPES) (THYROID GLAND—DISEASES)

LYUBSKAYA, I. I. (Moskva)  
BALAKHOVAKAYA, M. I.; LYUBSKAYA, I. I. (Moskva)

Condition of the thyroid gland in the population of Pospelikha and  
Choya Districts of Altai Territory. Probl.endok. i gorm. } no.1:  
80-82 Ja-F '57. (MLBA 10:6)

1. Iz Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. -  
prof. Ye.A.Vasyukova)  
(GOITER, epidemiology,  
endemicity in Russia (Rus))

LYUBSKAYA, I.I. (Moskva)

Radioactive iodine in the treatment of thyrotoxicosis; preliminary report [with summary in English]. Probl. endok. i gorm. 4 no. 3:93-98 (MIRA 11:8)  
My-Je '58

1. Iz klinicheskogo i poliklinicheskogo (zav. - prof. I.B. Khavin) otdelov Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir - prof. Ye.A. Vasyukova).

(IODINE, radioactive,

ther. of hyperthyroidism (Rus))

(HYPERTHYROIDISM, therapy,

radioiodine (Rus))

LYUBSKAYA, I.I.

Use of phenatine in the treatment of obesity; preliminary report.  
Sovmed. 22 no.10:102-105 0 '58 (MIRA 11:11)

1. Iz poliklinicheskogo otdela (zav. - prof. I.B. Khavin)  
Vsesoyuznogo Insituta eksperimental'noy endokrinologii (dir. prof.  
Ye.A. Vasyukova).

(OBESITY, ther.

N-(2-phenylpropyl)nicotinamide (Rus))

(NIDETHAMIDE, related cpds.

N-(2-phenylpropyl)nicotinamide ther. of obesity (Rus))

(NICOTNIC ACID, related cpds.

same (Rus))

LYUBSKIY, A.S.

Pathology and treatment of diffuse peritonitis. Khirurgiia no.10:  
107-111 '61. (MIRA 14:10)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.A. Ivanov)  
lechebnogo fakul'teta II Moskovskogo gosudarstvennogo meditsin-  
skogo instituta imeni N.I. Pirogova na baze Gorodskoy kliniche-  
skoy bol'nitsy No.4 (glavnyy vrach G.F. Papko).  
(PERITONITIS)



LYUBSKIY, A.G. Moscow

Intravital microcirculation with a brief report on the  
analysis of the microcirculation of the brain in the  
1941.

LYUBSKIY, A.S.; UVAROV, V.V.

Use of intubation anesthesia in emergency surgical interventions.  
Khirurgiya 37 no.4:62-65 '61. (MIRA 14:4)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.A. Ivanov)  
lechebnogo fakul'teta II Moskovskogo gosudarstvennogo medi-  
tsinskogo instituta imeni N.I. Pirogova na baze 4-y Gorodskoy  
klinicheskoy bol'nitsy (glavnyy vrach G.F. Papko).  
(INTRATRACHEAL ANESTHESIA)

LYUBSKIY, A.S.

Thrombectomy in thrombosis of the superior mesenteric artery  
Khirurgiia 40 no 11:118-121 N 195. "MIRA 18:"

1. Kafedra obshchey khirurgii (zav. - prof. V. A. Ivanov, lechebnogo fakulteta II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni Pirogova i Moskovskaya gorodskaya klinicheskaya bol'nitsa No.4 (glavnyy vrach G. F. Papko).

IVANOV, V.A., professor (Moskva, G-19, ul. Mayakovskogo, d.37, kv.47);  
KARPENKO, E.P.; LYUBSKIY, A.S.; STANISHEVSKIY, Yu.A.

Use of penicillin in surgery. Vest.khir. 89 no.7:74-79 J1 '62.  
(MIRA 15:8)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.A. Ivanov)  
lechebnogo fakul'teta 2-go Moskovskogo meditsinskogo instituta  
im. N.I. Pirogova.

(PENICILLIN)

(SURGERY, OPERATIVE)

KESHISHEVA, A. A.; LYUBSKIY, A. S.; UVAROV, V. V.

Intravital coronarography. Eksper. khir. no.3:25-30 '62.  
(MIRA 15:7)

1. Iz torakal'nogo khirurgicheskogo otdeleniya (zav. - doktor meditsinskikh nauk A. A. Keshisheva) Tsentral'noy klinicheskoy bol'nitsy (glavnyy vrach A. I. Khrimlyan) 4-go Glavnogo upravleniya (nach. - prof. A. M. Markov, glavnyy khirurg - deystvitel'nyy chlen AMN SSSR prof. B. V. Petrovskiy) Ministerstva zdravookhraneniya SSSR.

(CORONARY VESSELS---RADIOGRAPHY) (ANGIOGRAPHY)

LYUBSKIY A.S.; UVAROV V.V.

Use of intubation anesthesia in emergency surgical operations.  
Nauch. trudy Gzest. Mosk. gor. klin. bol'n. no. 14219-225 '61.

(MIRA 16:2)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta 2-go  
Moskovskogo gosudarstvennogo meditsinskogo instituta imeni  
N.I. Pirogova (zam. kafedroy - prof. V.A. Ivanov) na baze Moskov-  
skoy gorodskoy klinicheskoy bol'nitsy No.4 (glavnyy vrach G.F.  
Papko).

(OPERATIONS, SURGICAL) (INTRATRACHEAL ANESTHESIA)

LYUBSKIY, G. S.

"Ways to Improve Power Management in Communications Enterprises," Vest. Svyazi,  
No. 10, 1952

Translation M-674, 27 July 1955

Chief Power Engineer, Ministry of Communications

LYUBSKIY, G.S., inzh.

Automatically controlled diesel-powered generator systems for radio  
relay lines and communications installations. Vest. sviazi 19 no.7:  
7-8 J1 '59. (MIRA 13:8)

(Diesel-electric power plants)  
(Radio relay systems)



LYUBSKIY, Gennadiy Severianovich; GORBOVITSKIY, R.M., otv.red.;  
RYAZANTSEVA, M.M., red.; MARKOCH, K.G., tekhn.red.

[Automatically controlled diesel-powered generator systems]  
Avtomatizirovannye dizel'-generatornye ustanovki. Moskva, Gos.  
izd-vo lit-ry po voprosam svyazi i radio, 1960. 47 p. (MIRA 13:9)

(Electric power plants)

(Automatic control)

DANIEL'-BEK, Vladimir Sergeevich; ROGINSKAYA, Noemi Solomonovna; LYUB-  
SKIY, G.S., otv. red.; RYAZANTSEVA, M.M., red., red.; SLUTSKIN,  
A.A., tekh. red.

[Thermoelectric generators] Termoelektrogeneratory. Moskva, Gos.  
izd-vo lit-ry po voprosam sviazi i radio, 1961. 51 p.  
(MIRA 14:11)

(Thermoelectric generators)

BOVKUN, Viktor Georgiyevich; KAZARINOV, Ivan Alekseyevich; KOKOSHKIN, Pavel Aleksandrovich; LYUBSKIY, Gennadiy Severianovich; MEDOVAR, Anatoliy Isayevich; PETROV, Viktor Vasil'yevich; PIONTKOVSKIY, Bronislav Aleksandrovich; SERYAKOV, Nikolay Ivanovich; ELINSON, Mikhail Mikhaylovich; SERGEYCHUK, K.Ya., red.; GRIGOR'YEV, B.S., red.; FORTUSHENKO, A.D., red.; BUSANKINA, N.G., red.; SHEFER, G.I., tekhn. red.

[Engineering manual on electric communications; electric equipment] Inzhenerno-tekhnicheskii spravochnik po elektrosviazi; elektroustanovki. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1962. 671 p. (MIRA 15:6)

(Telecommunication--Handbooks, manuals, etc.)

(Electric engineering--Handbooks, manuals, etc.)

PIONTKOVSKIY, Bronislav Aleksandrovich; LYUBSKIY, G.S., *otv. red.*;  
BUSANKINA, N.G., *red.*; ROMANOVA, S.F., *tekh. red.*

[Decreasing voltage fluctuations in the power supply systems  
of telecommunication apparatus] Pul'satsiia napriazheniia  
elektropitaiushchikh ustanovok sviazi i sposoby ee snizheniia.  
Moskva, Sviaz'izdat, 1963. 55 p. (MIRA 16:5)  
(Telecommunication—Equipment and supplies)  
(Electric power supply to apparatus)

SERYAKOV, N.I.; SHEYKINA, T.S.; PETROV, V.V.; IDBRIL', Z.Ya.;  
SHESTERIKOV, V.G.; PRONIN, V.M.; LYUBSKIY, G.S.;  
ISAKOV, I.K.; VLODARSKAYA, V.Ye., red.

[Automated power supply guarantee systems for telecommunication apparatus] Avtomatizirovannye ustroistva garantirovannogo pitaniia apparatury sviazi; informatsionnyi sbornik. Moskva, Izd-vo "Sviaz'," 1964. 132 p.  
(MIRA 17:6)

TERENT'YEV, Boris Petrovich, prepod.; KITAYEV, Valentin Yevgen'yevich, prepod.; GORBOVITSKIY, Roman Markovich, prepod.; KRAUS, Lyus'yen Adol'fovich, prepod.; PUTILOVA, Iya Nikolayevna, prepod.; Primala uchastiye LYATKOVSKAYA, A.D., inzh.; LYUBSKIY, G.S., otv. red.; VOLODARSKAYA, V.Ye., red.

[Power systems of communication enterprises] Energetika predpriyatii svyazi. Moskva, Svyaz', 1965. 614 p. (MIRA 18:9)

1. Moskovskiy elektrotekhnicheskiy institut svyazi (for all except Lyubskiy, Volodarskaya).

LYUBSKIY, M.

Recommendations of West German experts. Vnesh. torg. 43 no.5:54  
'63. (MIRA 16:6)

(Underdeveloped areas—Foreign Economic Relations—  
Germany, West)

(Germany, West—Foreign Economic Relations—Underde-  
veloped areas)

(Germany, West—Machinery industry)

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; ZOTOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MENZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINGENOV, V.P.; ZAKHMATOV, M.I.; SOLODKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUMYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DKRUT, V.A.; ALEKSEYEV, A.F.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktirovani priimati uchastiye: BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHEKARENKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, I.U.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon'yunktorny institut.  
(Economic conditions)



PICHUGIN, B.M.; SABEL'NIKOV, L.V.; BODRIN, V.V.; SOLODKIN, R.G.;  
KRUIZHKO, V.I.; SEROVA, L.V.; LYUBSKIY, M.S.; PUCHIK, Ye.P.  
[deceased]; KAMENSKIY, N.N.; YASHCHENKO, G.I.; GERCHIKOVA, I.N.;  
FEDOROV, B.A.; KARAVAYEV, A.P.; VINOGRADOV, V.M., red.;  
SHELENSKAYA, V.A., red.izd-va; VOLKOVA, Ye.D., tekhn.red.

[Commercial policy of European capitalist countries] Torgovo-  
politicheskii rezhim evropeiskikh kapitalisticheskikh stran.  
Moskva, Vneshtorgizdat, 1960. 234 p.

(MIRA 14:2)

1. Moscow. Nauchno-issledovatel'skiy kon'yunktorny institut.  
(Europe, Western--Foreign trade regulation)

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUBININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STULOV, A.A.; POKROVSKIY, A.N.; SHIL'DKRUT, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYUBSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INGATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.G., red.; DROZDOV, A.G., red.; ROHQHINA, L., red.; SOLOV'YEVA, G., mladshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. I.U.N. Kapelinskogo. Moskva, Sotsekgiz, 1962. 447 p. (MIRA 16:2)  
(Economic history)

NIFOL'SKIY, B.F.; NIKOL'SKIY, M.V.; RYBICHEV, R.I.

Study of complex formation by means of dialysis. Part 2: Deriving an equation for the determination of the reaction equilibrium constant. Radiokhimiya 7 no.5:576-579 '65.

Complex formation studied by means of dialysis. Part 3: Determination of the first constant of hydrolysis of cadmium and zinc acetate. Ibid. 6:623-625 (MIRA 18:10)

NIKOLAI I. LYUBTSEV, M.V. LYUBTSEV, R.I.

Study of complex formation by the dialysis method. Part 2:  
Theoretical guide for the possible use of dialysis in  
studying complex-forming processes. Radiokhimiya 7 no.4:  
405-410 '68. (MIRA 18:8)

VESHEV, A.V.; LYUBTSEVA, Ye.F.; SAMOSYUK, G.P.

Determination of the effective parameters of a medium in the field of a finite grounded cable. Uch. zap. *1920:3-03* '63.

(MIRA 16:9)

(Electric prospecting) (Aeronautics in geology)

ACC NR: AP6028152

SOURCE CODE: UR/0307/66/000/002/0040/0051

AUTHOR: Lyubtseva, Ye. F.

ORG: none

TITLE: Airborne electromagnetic prospecting by the "long-wire" method during geological mapping

SOURCE: Leningrad. Universitet. Vestnik. Seriya geologii i geografii, no. 2, 1966, 40-51

TOPIC TAGS: geologic mapping, airborne electromagnetic prospecting, geophysical exploration, prospecting, research aircraft, conformal mapping

ABSTRACT: The article deals with the results of airborne electromagnetic prospecting by the "long-wire" method in one the regions of the west "green-stone" belt of Mugodzhar. The main part of the territory under study is covered with Neogen-Quaternary sediments and a well-developed mesozoic weathering zone of high conductivity. The results of observations were given in the form of effective resistivity curves. Airborne electromagnetic data and geophysical investigations were used for geological mapping. As a result, a more correct schematic geological map at a 1:50,000 scale has been compiled. Outcrops of upper devonian sediments, intrusions

Card 1/2

ACC NR: AP6028152

of gabbro, gabbro-diorites, granites, zones of fractures and faults, previously, unknown, are indicated on this map under the Neogen-Quaternary sediments and weathering zone. Orig. art. has: 4 figures.

SUB CODE: 08, 02/ SUBM DATE: 15Oct65/ ORIG REF: 005/

Card 2/2

AUTHOR: Lyubtsov, V.V. 11-01-16

TITLE: On New Discoveries and the Stratigraphic Position of the Tolmachovia Concentrica Kobayashi (Crustacean Class) From the Ordovician Deposits of Eastern Siberia (O novykh otkrytiykh i stratigraficheskom polozenii Tolmachovia Concentrica Kobayashi (klass Crustacea) iz ordovikskikh otlozheniy Vostochnoy Sibiri)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1958, No 4, pp 86-88 (USSR)

ABSTRACT: A petrified mollusk found in various parts of eastern Siberia was classified as a species of Tolmachovia Concentrica Kobayashi (Crustacean Class). This species is usually found in the 'Chun' stage of the Ordovician Period. In the future, the presence of this petrified mollusk will identify the rocks. There is 1 photo and 2 references, 1 of which is Soviet and 1 American.

ASSOCIATION: Vsesoyuznyy aerologicheskiy trust Ministerstva Geologii i okhrany nedr SSSR, Moskva (All-Union Aerological Trust of the Ministry of Geology and Conservation of Mineral Resources, Moscow)

SUBMITTED: November 30, 1957

Card 1/1 1. Geological time-determination 2. Geology-identification 3. Geology-USSR



LYUBTSOV, V.V.

First find of a nautiloid in dolomitized limestones of the  
Pechenga series of the Kola Peninsula. Dokl. AN SSSR 133  
no.1:199-201 J1 '60. (MIRA 13:7)

1. Kol'skiy filial imeni S.M.Kirova Akademii nauk SSSR.  
Predstavleno akademikom N.M.Strakhovym.  
(Kuvernernin-Yoki Valley--Cephalopoda, Fossil)

LYUBTSOV, V. V.

Organic remains in ancient sedimentary-metamorphic formations  
of the Kola Peninsula. Izv. AN SSSR Ser. geol. 27 no.10:69-73  
0 '62. (MIRA 15:10)

1. Kol'skiy filial AN SSSR imeni S. M. Kirova.

(Kola Peninsula—Paleontology, Stratigraphic)

LYUBTSOV, V.V.; AFANAS'YEV, A.P.

Possibilities of using electron microscopy for the isolation of  
microscopic organic remains in solid sedimentary rocks. Vop.  
geol. i min. Kol'. poluos. no.4:87-90 '63. (MIRA 16:10)

LYUBUSHIN, A.A.; BLEKHER, E.G. (Kuybyshevka-Vostochnaya Amurskoy oblasti)

Bilateral pneumothorax in unilateral penetrating thoracic injury.  
Klin.med. 34 no.12:80-82 D '56. (MLRA 10:2)

1. Iz patologoanatomicheskoy laboratorii (nach. A.A.Lyubushin)  
(PNEUMOTHORAX, etiol. and pathogen.  
bilateral, caused by unilateral penetrating inj. of thorax)  
(TORAX, wounds and inj.  
unilateral, causing bilateral pneumothorax)