

KALSHEN, V.I.
DUB RDYEV, I.K. (Moskva); KALSHEN, V.I. (Moskva); MILIK, B.F. (Moskva);
NESTEROV, I.K. (Moskva)

Effect of vibration on the state of the artificial ragging of a
jigging machine. Izv. All SSSR. Otd. tekhn. nauk. Met. i topk. no.1:
162-166 Jan-F '61. (MLA 14:2)

(One dressing)

KALITAGOVA, M.G.

[Controlling filtration losses of water from reservoirs and irrigation canals] Bor'ba s poteriami vody na fil'tratsiiu iz vedoemov i orcsitel'nykh kanalov. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 91 p. (MIRA 9:3)
(Percolation) (Irrigation canals and flumes) (Reservoirs)

KALTAGOVA, M. G.

"Methods of Fighting Water Losses Due to Filtration in Tanks and Irrigation Canals," State Publ. House for Agric. Lit., Moscow, 1955

This book deals with the study of the causes of water losses due to filtration in irrigation tanks and canals and the methods of rating their importance. It contains concrete examples of the methods used for fighting these losses.

D 375087

KALTAGOVA, M.G., kand.tekhn.nauk; KORENEV, V.N., inzh.

Determining the loss of water through filtration from irrigation canals
by using a hydraulic integrator. Gidr. i mel. 14 no.1:22-30 Ja '63.
(MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii im. Kostyukova.
(Irrigation canals and flumes) (Seepage)

REMPE, Ye.Kh., kand. biolog. nauk; KALTAGOVA, O.G.

Effect of root micro-organisms on the development and plant
nutrition from the soil. Agrobiologiya no.5:706-721 S-O '65.
(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i
agropochvedeniya.

REMPE, Ye.Kh., kand.biologicheskikh nauk; KALTAGOVA, O.G.

Effect of root microflora on the activity of physiological
processes in plants. Agrobiologia no.6:866-878 N-D '62.
(MIRA 16:1) .

1. Vsesoyuznyy institut udobreniy i agropochvovedeniya.
(Rhizosphere microbiology)
(Plant physiology)

MESROPYAN, B.G.; DANGYAN, M.T.; KALTAKHCHYAN, E.G.

Oxidation of alkoxyethyl- γ -chloroallylacetic acids by
hydrogen peroxide in an acetic acid medium. Izv AN Arm.
SSR. Khim. nauki 16 no.1:47-50 '63 (MIRA 17:8)

Synthesis of some new barbituric and thiobarbituric acids.
Ibid.:69-72

1. Yerevanskiy gosudarstvennyy universitet, kafedra organiche-
skoy khimii.

KALTAKHCHYAN, S., inzh.

Ways of reducing industrial traumatism in the coal mining industry
of Armenia. Prom.Arm. 5 no.3:28-29 Mr '62. (MIRA 15:4)
(Armenia--Coal miners--Diseases and hygiene)
(Armenia--Mine accidents)

KALTAKHCHYAN, S.T.

3-1-1/32

AUTHOR: Kaltakhchyan, S.T., and Petrov, Yu.P., Candidates of Philosophical Sciences

TITLE: The Vuzes' Research Work in Philosophy is to be Developed in Every Way (Vsemerno razvivat' v vuzakh issledovaniya po filosofii)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 1, pp 3-12 (USSR)

ABSTRACT: The article mentions the great work performed by the instructors of the chairs of philosophy in popularizing the Marx-Lenin philosophy, and the improvements noted in the scientific work of the educational institutions after the 20th Communist Party Congress. It describes the problems that Soviet philosophy has to face, enumerates a number of shortcomings in the scientific work, indicating how they can be overcome, and lays stress on the leadership of the principal chairs which include a number of other chairs of philosophy.

The article points out that Soviet philosophers are aware of the fact that propagandist activity alone is insufficient under the present conditions, and that their scientific work lags behind the demand of impetuously developing life and the

Card 1/4

3-1-1/32

The Fuzes' Research Work in Philosophy is to be Developed in Every Way

tasks set by the Communist Party.

After the 20th Congress a number of monographs and collective works have been prepared by the Moscow, Leningrad and Ural universities, and the pedagogical institutes (Pedagogicheskiy institut) of Yaroslavl', Ivanovo, and Krasnoyarsk. Textbooks are being compiled, and the Moscow City Pedagogical Institute (Moskovskiy gorodskoy pedagogicheskiy institut) has printed a course of lectures on historical materialism.

The scientific productivity of a number of chairs is growing primarily because of the more perfect organizational forms of scientific research. In this connection the article mentions the chairs of philosophy of the Perm' and Irkutsk universities.

It further sets forth various problems facing Soviet philosophy and expresses the conviction that the large number of highly qualified philosophers (about 40 doctors of philosophical sciences and over 800 candidates of sciences) will be able to solve the main questions of the Marxist-Leninist philosophy. The article emphasizes that Soviet philosophers are at present confronted with the struggle against revisionism as the main danger. The revisionists turn the point of their criticism against historical materialism, the Marxist-Leninist

Card 2/4

3-1-1/32

The Vuzes' Research Work in Philosophy is to be Developed in Every Way

theory of class struggle, the proletarian revolution, etc. At present, the bourgeois ideologists, the critics of Marxism, increase their offensive also against dialectical materialism. The author then deals more closely with dialectical materialism, stating that its fundamental problems are still being insufficiently developed by many chairs of philosophy. The new program of the course in dialectical and historical materialism contains special themes criticizing the present bourgeois philosophy and sociology. Quite a few instructors know foreign languages but not many come forth with reviews on bourgeois philosophical literature published abroad.

Dealing with the question of cooperation of all philosophical chairs, the author states that the Section of Philosophy of the Administration for Teaching Social Sciences (Otdel filosofii Upravleniya prepodavaniya obshchestvennykh nauk) and the Philosophical Section of the Scientific-Technical Council of the USSR Ministry of Higher Education (Filosofskaya sektsiya Nauchno-tekhnicheskogo soveta Ministerstva vysshego obrazovaniya SSSR) have so far failed to guide systematically the chairs' scientific work. The author mentions a number of other

Card 3/4

3-1-1/32

The Vuzes' Research Work in Philosophy is to be Developed in Every Way

deficiencies pointing to the Rostov, Moscow and Dnepropetrovsk universities and the Moscow State Pedagogical Institute of Foreign Languages (Moskovskiy gosudarstvennyy pedagogicheskiy institut inostrannykh yazykov). The abnormalities can be easily eliminated, but for this purpose a coordinating center is required. In the author's opinion, a coordination of scientific research in the field of philosophy can be accomplished with the help of the principal chairs chosen among the philosophical chairs of a city or a geographical zone. They can also support the other philosophical chairs. Such centers of zonal union of philosophers have already been established at the Ural, Voronezh, Tbilisi, Erevan', Azerbaydzhan, Kiyev and Belorussian universities.

At the end, the author quotes a passage from N.S. Krushchev's report delivered at the jubilee session of the USSR Supreme Council, dealing with the realization of Communism. There is 1 German, and 1 Russian reference.

AVAILABLE: Library of Congress

Card 4/4

KALTANI, T.

KALTANI, T., Peach diseases. p. 10

Vol. 9, no. 11, November 1955 Tirane, Albania

PER BUJQESIË SOCIALISTE

SO: Monthly List of East European Accessions, (REEL), IC, Vol. 5, No. 10, Oct. 1956

KALTANI, T.

KALTANI, T. Winter protection of fruit trees. p.10.
Fighting mice on farms. p.11.

Vol. 9, No. 12, Dec. 1955 PER BUJQESINE SOCIALISTE, Tirane, Albania.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 10,
Oct. 1956.

KALTANL, A.

Hydraulic tests for equipment which operates under pressure,
p. 22, *TEKNIKA*, (Ministria Industri-Miniera dhe Ndertim-Komunikacion)
Tirane, Vol. 3, No. 1, Jan./Feb. 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress,
Vol. 5, No. 12, December 1959

KALTENBERG, Ewa

Sociological problems of the laboring classes. Praca zabesp spol
5 no.7:34 J1 '63.

KALTENBERG, P.

"The Bibliographical Review of Economic Publications in 1952. p. 183."
(ZYCIE GOSPODARCZE, Vol. 8, no. 6, Feb. 1953, Warszawa, Poland.)

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

KALITENBERG, P.

Report on the activities of the Section of Agricultural Economics of the Warsaw Branch of the Polish Economic Society, 1956-1958. p. 116

ZAGADNIENIA EKONOMIKI ROLNEJ (Komitet Ekonomiki Rolnictwa Polskiej Akademii Nauk, Instytut Ekonomiki Rolnej i Sekcja Ekonomiki Rolnictwa Polskiej Towarzystwa Ekonomicznego) Warszawa, Poland. No. 1, 1959

Monthly List of East European Accessions (FEAI) LC, Vol. 8, no. 9, September 1959.
Uncl.

KALTENECKER, Margit, dr.

Investigation of the stability of the machine profile in
the ring spinning mill. Magy textil 14 no.2:73-75 F '62.

KALTENECKER, Margit, dr.; FAZEKAS, Jozsef

Investigation of the mechanical output of twisting machines. Magy
textil 14 no.11:507-510 N '62.

1. Lorinci Fono.

KALTENECKER, Margit, dr.

Investigation of the economy of doubling, twisting and spindling
on the basis of technical factors. Magy textil 15 no.11:529-534 '63.

KALTENECKER, Margit, dr.

Profile variations and organizational measures for better
use of ring spinning mill capacity. Magy textil 16 no.12:
570-575 D '64.

KOVI, Jozsef, dr.; KALTENKCKER, Jozsef, dr.

Primary carcinoma of the duodenum. Orv.hetil. 100 no.42:
1518-1520 0 '59.

1. A Budapesti Orvostudományi Egyetem I. sz. Kórbírói és
Kísérleti Rákkutató Intézetének (igazgató: Baló József dr.
egyetemi tanár) és II. sz. Segésségi Klinikájának (igazgató:
Klinkó Dezso dr. egyetemi tanár) közleménye.

(DUODENUM neopl)
(CARCINOMA case reports)

ANDRYUSHKEVICH, N.P.; KALTEN'YEV, V.A.; KLIMENKO, Yu.A., kand. tekhn.
nauk

Certain technical and economic results of the drilling of
a test well of small diameter. Nef. i gaz. prom. no.2:30-
31 Ap-Je '64. (MIRA 17:9)

KAL'TER, I.S.

Treatment of acute cranio cerebral trauma by intracarotid injections of penicillin. Khirurgiia 40 no.2:40-49 F '64.

(MIRA 17:7)

1. Kafedra obshchey khirurgii (zav. - prof. V.A. Ivanov) lechebnogo fakul'teta II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova i travmatologicheskoye otdeleniye Moskovskoy gorodskoy klinicheskoy bol'nitsy No.13 (glavnyy vrach N.B. Shansheyn).

YERMOLOV, A.S.; KREYNDLIN, Yu.Z.; YEGOROV, I.V.; BOCHAVER, O.S.; KAL'TER, I.S.

Use of indirect cardiac massage in clinical practice. *Khirurgia*
40 no.7:36-40 J1 '64. (MIRA 18:2)

1. Kafedra obshchey khirurgii lechebnogo fakul'teta (zav. - prof.
V.A. Ivanov) II Moskovskogo gosudarstvennogo meditsinskogo insti-
tuta imeni Pirogova.

KAL' TER, N. Ya.

Mining Engineering

Dissertation: "Investigation of the Passability of Timber-Hauling Vehicles in the Forests of the Estonian SSR." Cand Tech Sci, Moscow Forestry Engineering Inst, 31 Mar 54. (Vechernyaya Moskva Moscow, 22 Mar 54)

SO: SUM 213, 20 Sep 1954

~~KALITRUD, F. I., Inzh. BOBANKI, V. I., Inzh. T. M. KURBANOV, E. V., Inzh.~~

Automatic control of strip width on a rolling mill. Mach. i
avtom. prov. 19 no. 5:8-9 My '65. (MIRA 16811)

Kaltgrad, S.M.

ARUTYUNOV, V.Ya., professor; KALTGRAD, S.M., ordinator

Protective regime with prolonged hypnotic sleep in the treatment of certain dermatoses. Vest. ven. i derm 30 no.1:8-11 Ja-F '56

(MIRA 9:4)

1. Iz kliniki kozhnykh i venericheskikh bolezney (dir.-prof. V.Ya. Arutyunov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirovskogo (dir.-kandidat meditsinskikh nauk P.M. Leonenko)

(SKIN, dis.
ther., sleep)

(S. VMP, ther. use
skin dis.)

KALIN, N. N.

PA 4T77

USSR/Geophysics

1945

Ultraviolet Radiation
Photometers

"Illumination of the Earth's Surface by Ultraviolet,
Green and Red Radiation Scattered by the Sky," N. N.
Kalin, 3 pp

"CR Acad Sci" Vol XLIX, No 3

Measurements of illumination of the earth's surface
in the ultraviolet, green and red portions of the
spectrum by photometers, under varying cloud condi-
tions.

4T77

KALTONSKI, WACLAW

POLAND / Acoustics. Ultrasound

J-4

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 12744
Author : Kaltonski, Wacław
Inst : Not given
Title : Possibilities of Employing Ultrasonic Waves in Geology and
in Mining
Orig Pub : Przegl. geol., 1955, No 7, 327-334
Abstract : Description of a procedure and results of investigations carried out for the determination of the possibility of employing ultrasound in the mining industry (see Abstract 12743).

Card : 1/1

KALTONSKI, WACLAW

POLAND / Acoustics. Ultrasound

J-4

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 12743

Author : Kaltonski, Wacław

Inst : Not given

Title : New Possible Applications of Ultrasonic Waves

Orig Pub : Przegl. telekomun., 1955, 28, No 2, 41-49

Abstract : An investigation was made at the Institute for Research on Oscillations of the Polish Academy of Sciences on the possibility of employing ultrasound in the mining industry. After laboratory tests on the measurement of the velocity of propagation and the attenuation of ultrasonic waves in various materials (rock salt, lime spar, etc.), measurements were made on the field conditions. Also in-

Card : 1/3

the oscillograms.

On the basis of the investigations performed, it is concluded that it is advisable to employ ultrasonic operations in the planning of mining operations and that this method has advantages over those presently employed. It was esta-

Card : 2/3

POLAND / Acoustics. Ultrasound

J-4

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 12743

: established that ultrasonic waves can penetrate at a depth of 10 -- 30 meters, which is sufficient for most times.

To be able to determine the boundaries of a deposit, it is necessary to carry out ultrasonic measurements by moving the receiver successively along two perpendicular lines. In this case, the depth of the deposit can be determined with the aid of a method developed by the Geological Institute.

A method of setting up the receiver and the radiator is described, and the basic data on the apparatus employed are given.

Card : 3/3

AVAKYAN, V.M.; KAL'TRIKIAN, A.A.

Destruction of catechol amine resources in postganglionic
sympathetic nerve endings. Izv. AN Arm.SSR, Biol.nauki 19
no.10:17-22 0 '65. (MIRA 18:12)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
Submitted April 16, 1965.

KIROV, K.; KALTSOVA, M.

Pulse current in CsS at the anode irradiation by α -particles.
Doklady BAN 17 no.1:5-8 '64

1. Predstavleno akademikom G.Nadzhakov, chlen Redaktsionnoy kollegii "Doklady Bolgarskoy Akademii nauk."

KALTUNOV, S.S.

Automatic machine for face broaching of bushings. Avt.prom. 28
no.2:38-39 F '62. (MIRA 15:2)

1. Gor'kovskiy avtozavod.
(Broaching machines)

KALTUNOVSKAYA, B.M., insh.

Using xylolite in housing construction. Biul.stroi.tekh. 16
no.1:36-37 Ja '59. (MIRA 12:2)

1. Trest Zaporozhalyuminstroy.
(Floors)

KALITA, A. YA

Onions

Periods for applying fertilizers in growing onions.

Agrobiologiya no. 3, 1952. Ukrayiskiy nauchno-issledovatel'skiy institut ovoshchevodstva, g. Khar'kov

SO: Monthly List of Russian Accessions, Library of Congress, September 195², Uncl.

KAL'TYA, A.Ya.

Agricultural and physiological aspects of potassium nutrition in
onion plants grown for bulbs. Biokhim.pl.i ovoshch. no.6:219-227
'61. (MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva i
kartofelya.

(Ukraine--Onions--Fertilizers and manures)

(Plants, Effect of potassium on)

KALTYA, A.

"Top Fertilizer for Tomato Seedlings in the Soviet Union. Tr. from the Russian," p. 9, (UJITOK LAFJA, Vol. 6, No. 10, May 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KAL'TYA, A., mayor

Workday of a flagship specialist, Komm. Vooruzh. Sil 4 no.22:
45-47 N '63. (MIRA 17:1)

USSR / Cultivated Plants. Potatoes. Vegetables. Melons. M-3

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25058

Author : Kal'tya, A. Ya.

Inst : The Ukrainian S.R.I. of Vegetable Cultivation

Title : The Effect of Granulated Superphosphate on the Accumulation of Chlorophyll in Onion Leaves and on Its Yield

Orig Pub: Dopovidi AN URSR, 1957, No 1, 78-80 (Ukrainian; res. Russ., Eng.)

Abstract: It has been established by tests made by the Ukrainian Scientific Research Institute of Vegetable Cultivation that granulated superphosphate facilitates more intensive accumulation of chlorophyll in onion than does the powdery variety and also increases the onion yield. -- Ye. Zh.

J

COUNTRY : USSR
CATEGORY : Soil Science. Soil Biology.
ABS. JOUR. : RZhBiol., No. 4, 1959, No. 19387
AUTHOR : Kal'tya, A.Ya.
INST. : ~~Ukrain~~ An Sci.Res.Inst. of Vegetable Raising and*
TITLE : Dynamics of the Development of Soil Bacteria in
the Rhizosphere of the Onion and Tomato in Re-
spect to the Age of the Plant.
CPIC. PUB. : Nauchn. tr. Ukr. n.-i. in-t ovoshchevodstva i
kartofelya, 1957, 4, 215-219
ABSTRACT : Data are presented for 1950, 1952, and 1953 on
the development of soil bacteria in the rhizo-
sphere of the onion and tomato growing on sandy
loam degraded chernozem in field and vegetative
experiments with the introduction of fertilizers
and without them. The maximal development of
bacteria (BA) in the onion rhizosphere was ob-
served at the initial appearance of the first
leaf (from 86 million to 1,470 million on 1 g of
dry soil), and then it fell (to 82 million) and
*Potatoes
Card: 1

COUNTRY :

CATEGORY :

ABS. JOUR. : RZhBiol., No. 4, 1959, No. 1-5-57

AUTHOR :

INSTR. :

TITLE :

ORIG. PUB. :

ABSTRACT : again rose (to 130 - 7,92% million) at the start of the bulb formation. The calculation of the microflora of the tomato rhizosphere also changed during vegetation. Auxiliary nutrition of the onion with K on a nitrogen-phosphorus background at the start of the bulb formation boosted the crop of carotene vitamins more than the introduction of K in other periods, which, in the opinion of the author, indicated a definite degree of correlation between the magnitude

Card: 2/3

COUNTRY :

CATEGORY :

ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15387

AUTHOR :

INSE. :

TITLE :

ORIG. PUB. :

ABSTRACT : of the harvest and the number of bacteria in the rhizosphere of the onion. Superphosphate also increased the crop and the number of bacteria in the rhizosphere, granular superphosphate was more effective for this.

-- K.N. Yanushkevich

KALTYGIN, V.P.

FRASE I BOOK EXPLORATION SOV/AT82
Moscow, Institute steel

Proizvodstvo i obrabotka stali i splavy (Production and Treatment of Steel and Alloys) Moscow, Metallurgizdat, 1960, 462 p. (Series: Ite; Sbornik, 39) 2,100 copies printed.

Ed.: Ye. A. Borzoi; Ed. of Publishing House: S. I. Zinzeri; Tech. Ed.: M. R. Klermani; Editorial Council of the Institute: M. A. Danilov, Professor, Doctor of Technical Sciences; V. P. Yelutin, Professor, Doctor of Chemical Sciences; A. A. Zhukovitskiy, Professor, Doctor of Chemical Sciences; I. N. Keldin, Professor, Doctor of Technical Sciences; A. P. Lyubimov, Professor, Doctor of Technical Sciences; I. N. Pavlov, Corresponding Member, Academy of Sciences USSR; and A. M. Pokhvalner, Professor, Doctor of Technical Sciences.
PURPOSE: This book is intended for technical personnel in industry, scientific institutions and schools of higher education dealing with open-hearth and electric-furnace steelmaking, metal rolling, physical metallurgy, metallography, and heat-treatment. It may Card V/10

Also be used by students specializing in these fields.

CONTENTS: The book contains results of theoretical and experimental investigations of metallurgical and heat-engineering processes in open-hearth and electric furnaces. Data are included on the calculation of desulfurizing of pig iron outside the blast furnace, carbon burn or oxides of the carbide-forming metals with solid hearth furnace in various periods of melting, intermetallic of the electric melting of ferroalloys, etc. Other articles deal with the nonuniformity of deformation in rolling, the study of the continuous rolling process, the dependence of the friction-allowance coefficients in rolling on a number of factors, and other problems in the pressworking of metals. Articles on physical metallurgy and the theoretical principles and technology of the heat treatment of steel are also included. No personal files are mentioned. References accompany most of the articles. There are 207 references, both Soviet and non-Soviet.
Card 2/10

- Sobolev, S. K., Engineer, V. A. Andrin, Candidate of Technical Sciences [Department of Metallurgy of Steel]. Desulfurizing Pig Iron outside the Blast Furnace by Lime With the Addition of Aluminum Powder 5
- Pavlov, M. A., Doctor, Candidate of Technical Sciences [Department of Rare Metals Metallurgy]. Interaction Between Oxides of Carbide-forming Metals and Solid Carbon 16
- Golov, Y. I., Candidate of Technical Sciences, and K. O. Trubin [Department of Metallurgy of Steel]. Content of Gases in Carbon-Imm-Alloyed Molycarbon Steel Ingots and Rolled Stock 23
- Golov, Y. I., O. A. Zharbaniy, Engineer, and Y. B. Kalitvinskiy [Department of Metallurgy of Steel]. Change in Steel Composition During the Rolling Process 40

OYKS, G.N., doktor tekhn.nauk; BARBASHIN, O.A., inzh.; KALTYGIN, V.P.,
inzh.

Changes in steel composition in the process of pouring. Sbor.
Inst.stali no.39:40-46 '60. (MIRA 13:7)

1. Kafedra metallurgii stali Moskovskogo ordena Trudovogo
Krasnogo Znameni instituta stali im. I.V.Stalina.
(Steel--Metallurgy)

KALTYGINA, V.P.

PLANE I BOOK EXPLANATION SOV/963

Metody polucheniya i ismereniya radioaktivnykh preparatov; sbornik
 metody (Methods for the production and measurement of radio-
 active preparations; Collection of methods) Moscow, Atomizdat,
 1960. 307 p. Extra slip inserted. 6,000 copies printed.

General Ed.: Valeriy Viktorovich Bocklarev; Ed.: M.A. Sagurov;
 Tech. Ed.: N.A. Ylasova.

Purpose: This collection of articles is intended for scientific and
 technical personnel working in the production of radioactive iso-
 topes.

Coverage: The collection contains original studies on methods of
 obtaining and measuring radioactive preparations. According to
 the foreword, the articles contain that they discuss methods of
 or practical instructions. In addition to several survey articles
 give practical instructions on the production of radio-
 active preparations, including discussions on the production of radio-
 active isotopes and isotopic radioactive preparations, including
 methods of carrier-free isotopes and several colloidal and other
 therapeutic preparations. Also discussed are methods for prepar-
 ing a number of tagged organic compounds, problems in the analy-
 sis of radioisotopes, and the radiometric analysis of preparations.

New instruments and equipment are described and instructions con-
 cerning assessment methods and technique are included. V.I. Levin,
 Candidate of Chemical Sciences, V.P. Shishkov, Candidate of Tech-
 nical Sciences, I.M. Buharov, Candidate of Biological Sciences,
 and V.I. Shostak, Candidate of Chemical Sciences, are mentioned
 as having helped directly in the selection and preparation of the
 material for publication. References accompany each article.

PART OF CONTENTS:

PART II. PRODUCTION OF TAGGED ORGANIC COMPOUNDS

Shishkov, V.P. Organic Preparations Tagged With Radioactive Isotopes	135
Shishkov, V.P., G.A. Ananova, and I.M. Shapchina. Synthesis of Organic Compounds Based on Acetylene-1,2-C ¹⁴	140
Buharov, I.M. Determination of Acetylene and Phenanthrene in Naphthalene Tagged With C ¹⁴	149
Shostak, V.I. Synthesis of Organic Compounds Tagged With C ¹⁴ Based on Formaldehyde - C ¹⁴	159
Kalitsina, V.P. Synthesis of Styrene and Polystyrene Tagged With C ¹⁴	166
Petrova, M.I. Electrochemical Production of Certain Tagged Preparations	170
Ananova, G.A. Production of Organic Compounds Tagged With S ³⁵ by the Isotopic Exchange Method	177
Burtsova, L.N. Production of Polyacetyl Methacrylate-C ¹⁴	183
Kalitsina, V.P., and V.P. Shishkov. Production of Organic Compounds Tagged With S ³⁵	188
Burtsova, L.N., and S.S. Vasil'yevskiy. Neutron Irradiation of Crystalline Vitreous Si ²⁸	192
Shishkov, V.P., and A.V. Zhemchuzhina. Biosynthesis of Glu- cose 1,6-C ¹⁴	200
Buharov, I.M., and Ye.S. Stankova. Quantitative Determination of Glucose Tagged With S ³⁵	205
Buharov, I.M., and V.V. Asgrov. Microqualitative Determination of Methionine Tagged With S ³⁵	211

KALYSHEV, P., inzh.

Operations of a dredger with SARZ-4K automatic control. Rech.
transp. 22 no.1:35-36 Ja '63. (MIRA 16:2)
(Dredging machinery) (Automatic control)

KALUCHEV, Dimitur

Modification of the dosing mechanism in bucket conveyers. Khim i industriia 35 no.6:222 '63.

Modification of the original construction of wobblers. Ibid.:222-223

Modified construction of the cutting mechanism of the Czech vacuum filters. Ibid.:223 '63.

1. Sodov zavod "Karl Marks".

KALUCHEV, P.

Kaluchev, P. Radio communication in railroad transportation. p. 29. TRANS-
PORTNO DELO. Sofiya. Vol. 7, no. 5, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

KALUCHEV, P.

Radio communication in railroad transportation. p.29.
(TRANSPORTNO DELO Vol. 7, no. 5, 1966, Sofiya)

SO: Monthly List of East European Accessions, (HEAL). LC, Vol. 4, No. 11,
Nov. 1955. Uncl.

TIAGUNENKO, I. U.; KALUCHEVA, I.

Electron-microscopic studies on ultrathin microbial sections. Suvrem
med., Sofia no.7-8:69-75 '60.
(BACTERIA anat & histol)
(MICROSCOPY ELECTRON)

SAVOV, N.; SOROKIN, P.; KALICHEVA, Iv.

Studies of various mycobacteria isolated from animals having reacted to tuberculin. Izv Vet inst zaraz parazit 8:17-24 '64

KEPINSKI, Jozef; KALUCKI, Kazimierz

Absorption kinetics of chlorine dioxide in water. *Chemia stosow*
B 1 no.4:467-488 '64.

1. Department of Inorganic Chemical Technology of the Szczecin
Technical University. Submitted May 7, 1964.

KALUDERCIC, Dobrila, dipl. biol. (Sarajevo)

Prof. Aleksandar Sabovljov; obituary. Farmaceut gl Zagreb
19 no.11:457 N'63.

*

KALUDEROVIC, Miodrag, inz. (Niksic, Vuka Micunovica 53)

Determination of the forces of the pulling rope in designing the cable railroad for the Niksic Bauxite Mines. Tehnika Jug 18 no.5:Suppl.:Rudarstvo metalurg 14 no.5:863-866 My '63.

1. Biro za unapredenje proizvodnje Rudnika boksita u Niksicu.

KALUDIN I.
SURNAME (in caps); Given Names

itca

14

EE

Country: East-Germany

BULGARIA

Academic Degrees: Not given

Affiliation: Institute of Physiological Chemistry of Humboldt University
(Physiologisch-chemisches Institut der Humboldt-Universitaet) Berlin. Director (Direktor): Prof. Dr. S. Rapoport.

Source: Berlin, Acta Biologica et Medica Germanica, Vol VII,
No 2, 1961, pp122-125.

Data: "The Effect of pH upon the Exchange of K- and Na-ions of
Rabbit Erythrocytes and Reticulocytes".

Authors:

KALUDIN, I. (Bulgaria)
ABABEI, L. (Rumania)..

Saralites

Kaludin, K. S.

BULGARIA/Forestry - Forest Economy.

K-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10603
Author : Koyev, D.V., Kaludin, K.S.
Inst : Institute of Forests
Title : The Possibility of Acquiring Soft Resin from Spruce and
the Effect of Gashing on the Technical Qualities of Its
Wood.
Orig Pub : Izv. In-ta za gorata. B"lg. Akad Nauk, 1957, 2, 451-495.
Abstract : No abstract.

Card 1/1

AKSEL'ROD, Solomon Moiseyevich; BERMAN, Mark Mikhaylovich; VINOGRAY, Lazar' Il'ich; GOL'DZAMD, Samuil Shlemovich; DUGIN, Yakov Sergeyevich; DULEPOV, Konstantin Vasil'yevich; KALUGA, Ivan Ivanovich; LERNER, Yefim L'vovich; LUTSKIY, Moisey Leybovich; PILETSKIY, Vladimir Kirillovich; SADOWNIKOV, Petr Pavlovich; SHLYAMOVICH, Abram Aronovich; VASIL'YEV, B.A., red.; SOBOLEV, Ye.M., tekhn. red.

[Problems of radio engineering and radar]Zadachnik po radiotekhnike i radiolokatsii. [By]S.M.Aksel'rod i dr. Moskva, Gosenergoizdat, 1962. 414 p. (MIRA 15:12)

(Radio) (Radar)

KALUGIN, A., insh.

~~SECRET~~
Talk instead of work. Prom. koop. 12 no.1:16-17 Ja '58. (MIRA 11:1)

1. Proyektno-konstruktorskoye byuro Rospromsoveta.
(Moscow--Cooperative societies)

PEREPLETCHIKOVA, Ye.M.; ETLIS, V.S.; KALUGIN, A.A.

Quantitative determination of ethyl cellosolve and of water,
ethanol, and ethylene glycol present in it. Zav.lab. 26 no.2:
154-156 '60. (MIRA 13:5)
(Ethanol) (Ethylene Glycol)

S/075/60/015/006/015/018
B020/B066

AUTHORS: ~~Kalugin, A. A.,~~ Perepletchikova, Ye. M., Zil'berman, Ye. N.,
Vodzinskiy, Yu. V., and Kulikova, A. Ye.

TITLE: Quantitative Determination of Impurities in Adiponitrile

PERIODICAL: Zhurnal analiticheskoy khimii, 1960, Vol. 15, No. 6,
pp. 739-741

TEXT: In the preceding publication of this series (Ref. 1) it was shown that the main impurities in adiponitrile are 1-imino-2-cyano-cyclopentane or 1-amino-2-cyano-cyclopentene-1,2 (I), 2-cyano-cyclopentanone-1 (II), and cyclopentanone (III). The authors devised a method for the quantitative determination of impurities in adiponitrile, and determined (I) by the acidimetric method, and (II) and (III) polarographically. The cyanimine (I) is not reduced on the dropping mercury electrode. Its easily hydrolyzable imino group is hydrolyzed with weak hydrochloric acid, and the cyanimine (I) content in adiponitrile is determined by titration of the excess hydrochloric acid. The active hydrogen in the cyano ketone (II), which is readily enolized, was determined by the Chugayev-Tserevitinov

Card 1/3

Quantitative Determination of Impurities
in Adiponitrile

S/075/60/015/006/015/018
B020/B066

method. The nitrile group in (II) is conjugated by a double bond. It is known that such compounds are easily reduced on the dropping mercury electrode. 2-cyano-cyclopentanone (II) is reduced at $E_{1/2} = -2.0$ v relative to a saturated calomel electrode. Cyclopentanone (III) is reduced like other ketones at a highly negative potential $E_{1/2} = -2.6$ v, which renders its determination very difficult. At high cyclopentanone concentrations, a maximum appears in the polarographed (about 0.06%) solution, which could not be eliminated. The half-wave potentials of (II) and (III) considerably differ from each other (Fig. 1). This permits a simultaneous quantitative determination of the cyano ketone (II) and the cyclopentanone (III). The electroreduction of 2-cyano-cyclopentanone-1 (II) and of cyclopentanone was studied on an M-8 (M-8) polarograph of the Gor'kovskiy universitet (Gor'kiy University). It may be seen from the constant ratio I_d/C (Table 1) that the height of waves for II and III is proportional to the concentration. Determination takes only 40 minutes. The content of II and III is determined by means of calibration curves which had been previously plotted (Fig. 2). To check the method, a number of artificial mixtures were analyzed (Table 2). The method devised was used in the

Card 2/3

Quantitative Determination of Impurities
in Adiponitrile

S/075/60/015/006/015/018
B020/B066

analysis of adiponitrile samples purified by different processes. There
are 2 figures, 2 tables, and 4 references: 2 Soviet and 2 US.

SUBMITTED: November 21, 1959

Card 3/3

ZIL'BERMAN, Ye.N.; KALUGIN, A.A.; PEREPLETCHIKOVA, Ye.M.

Formation of secondary amines in the catalytic hydrogenation
of adiponitrile. Zhur.ob.khim. 32 no.3:905-909 Mr '62.

(MIRA 15:3)

(Adiponitrile) (Hydrogenation)

GOLOVINOV, M.F.; AYUPOV, R.N.; KAGAN, L.S.; LESHKEVICH, G.G.; KURBATOV, V.I.;
KALUGIN, A.A.

Extrusion of pipe of varying cross sections. TSvet. met. 36
no.8:72-75 Ag '63. (MIRA 16:9)
(Extrusion (Metals)) (Pipe, Aluminum)

KALUGIN, A. (Gor'kiy).

Concern for man is the main thing. Prom. koop. 12 no.3:17-18 Mr
'58. (MIRA 11:3)

(Blind--Rehabilitation)

Cand Tech Sci

KALUGIN, A. I.

Dissertation: "Investigation and Design of Screw-Type Macaroni Presses."

5 Oct 49

Moscow Technological Inst of Food Industry

SO Vecheryaya Moskva
Sum 71

KALUGIN, A.I.; MACHIKHIN, Yu.A.

Determining pressure for grape pulps in the "P-11" basket-type screw press. Izv.vys.ucheb.zav.; pishch.tekh. no.2: 73-77 '59. (MIRA 12:8)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Pressure gauges) (Wine and wine making--Equipment and supplies)

KAIUGIN, A.P., starshiy tekhnolog.

Universal chuck collet. Vest.mash. 33 no.10:39-40 0 '53.

(MLRA 6:10)

1. Moskovskiy zavod shlifoval'nykh stankov.

(Chucks)

KALUGIN, A.S.

Calculi of the prostate. Urologia 21 no.1:65-66 Ja-Mr '56.

1. Iz gosital'noy khirurgicheskoy kliniki (zav. - prof. I.B.Olesh-
kevich) Vitebskogo meditsinskogo instituta. (MIRA 9:12)

(PROSTATE, calculi
diag. & surg.)

(CALCULI
prostate, diag. & surg.)

KALUGIN, A.S. (Vitebsk, ul. Krasnykh Partizan, d.10, kv.11)

Changes in the elastic and morphological properties of the peritoneum
in the process of conservation and transplantation. Nov.khir.arkh.
no.6:66-68 N-D '59. (MIRA 13:4)

1. Kafedra gospital'noy khirurgii (zaveduyushchiy - prof. I.B. Olesh-
kevich) i kafedra gistologii (zaveduyushchiy - dotsent V.N. Blyumkin)
Vitebskogo meditsinskogo instituta.
(PERITONEUM--TRANSPLANTATION)

KALUGIN, A.S.

Prophylaxis and treatment of abdominal adhesions with homotransplants
of preserved peritoneum. Zdrav.Belor 5 no.1:15-17 Ja '60.

(MIRA 13:5)

1. Iz gospi'tal'noy khirurgicheskoy kliniki (zaveduyushchiy - profes-
sor I.B. Oleshkevich) Vitebskogo meditsinskogo instituta.
(ABDOMEN--SURGERY) (PERITONEUM--TRANSPLANTATION)

KALUGIN, Anatoliy Nikolayevich

[Development of technological processes] Tekhniki progress
ugrunda. Ashgabat, Turkmenistan, devlet nashiriaty, 1960.
64 p. [In Turkmen] (MIRA 15:1)
(Turkmenistan--Technological innovations)

KALUGIN, A. S., CAND MED SCI, "^{Prevention}PROPHYLAXIS AND TREAT-
MENT OF INTRA-ABDOMINAL ADHESIONS WITH PRESERVED PERI-
TONEUM. (CLINICO-EXPERIMENTAL ^{studies} INVESTIGATIONS)." SMO-
LENSK, 1961. (MIN OF HEALTH RSFSR, SMOLENSK STATE MED
INST). (KL, 3-61, 232).

KALUGIN, A.S.

Rare complication of acute appendicitis. Zdrav. bel. 8
no.1:61-62 Ja '62. (MIRA 15:3)

1. Iz kafedry obshchey khirurgii (zaveduyushchiy - dotsent
A.Ya. Mitroshenko) Vitebskogo meditsinskogo instituta i
khirurgicheskogo otdeleniya bol'nitsy st. Vitebsk Belorusskoy
zheleznoy dorogi (nachal'nik otdeleniya N.N. Korenevich).
(APPENDICITIS)

Kalugin, A.S.

3(5)

PHASE I BOOK EXPLOITATION

SOV/2172

Akademiya nauk SSSR. Mezhdunarodnaya postoyannaya komissiya po zhelezu

Zhelezorudnyye mestorozhdeniya Altaye-Sayanskoy gornoy oblasti, tom. 1, kniga. 1:
Geologiya (Iron Ore Deposits of the Altay-Sayan Mountain Region, Vol 1,
Book 1: Geology) Moscow, 1958. 330 p. (Series: Zhelezorudnyye
mestorozhdeniya SSSR) Errata slip inserted. 2,500 copies printed.

Additional Sponsoring Agencies: Akademiya nauk SSSR. Sibirskoye otdeleniye, USSR.
Gosudarstvennaya planovaya komissiya. Glavnoye upravleniye nauchno-issledovatel'-
skikh i proyektnykh organizatsiy, Institut Giproruda, USSR. Ministerstvo
geologii i okhrary neдр, USSR. Zapadno-Sibirskoye geologicheskoye upravleniye,
USSR. Krasnoyarskoye geologicheskoye upravleniye, Sibirskiy geofizicheskiy trest,
Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

Eds. of the vol.: P. Ye. Sledzyuk, and G.A. Sokolov; Resp. Ed. of Series: I.P.
Bardin, Academician; Scientific Eds.: I.P. Bardin, Academician, T.F. Gorbachev,
A.L. Dodin, N.A. Yerofayev, A.S. Kalugin, N.N. Nekrasov, G.L. Pospelov, M.L.
Skobnikov, P. Ye. Sledzyuk, S.S. Smirnov-Verin (Deceased) G.A. Sokolov,
S.G. Strumilin, Academician, V.B. Khlebnikov, N.A. Chinakal, and I.S. Shapiro;

Card 1/9

Iron Ore Deposits (Cont.)

SOV/2172

Ed. of Publishing House: I.G. Kudasheva; Tech. Ed.: I.F. Kuz'min.

PURPOSE: This book is intended for structural, exploration and mining geologists, for geophysicists and mineralogists, and industrial planners.

COVERAGE: This work purports to be the first attempt to review and summarize all the material that has been published on the iron-ore deposits of the Altay-Sayanskaya oblast' during the last 20 years. This area, the work reports is fast becoming one of the most important iron-ore bases in the Soviet Union. The book discusses the economic aspects of the geography and geology of the individual deposits, presents a qualitative and quantitative (as of January 1, 1957) analysis of ore reserves, and evaluates the prospects and possibilities of further development of the Altay-Sayanskaya iron-ore base. The genetic characteristics of iron-ore mineralization of the area are described. Extensive information on the geology of individual deposits, complexes, and regions is provided, and a general genetic description of ore mineralization in the Altay Sayanskaya region is given. There is a historical account of the exploration and development of the region, and of the development of concepts on the genesis of mineralization in the area. The following scientists participated in the preparation and writing of this volume: G.L. Pospelov, S.S. Lapin, N.Kh. Belous,

Card 2/9

Iron Ore Deposits (Cont.)

SOV/2172

V.M. Klyarovskiy, O.G. Kine, and V.A. Vakhrushev of the West Siberian Branch of the AN SSSR, I.S. Shapiro of the Permanent Interdepartmental Committee on Iron, A.S. Kalugin, A.S. Mukhin, N.A. Garnets, Yu. A. Speyt, M.I. Selivestрова, V.G. Rutkevich, G.P. Bykov, N.I. Nikonov, and K.G. Sakovich of the West Siberian Geological Administration V.I. Medvedkov, A.S. Aladyshkin and F. Ye. Pan of the Krasnoyarsk Geological Administration, M.G. Rusanov, E.A. Yazbutis, Yu. V. Rozhdestvenskiy, G. Ye. Savitskiy, and A.D. Prodanchuk of the West Siberian Geological Survey Chernmetrazvedka Trust, P.A. Lysenko, T.I. Lebedev, T.Ya. Kamenskaya, A.I. Maslennikov and R. Pipar of the Siberian Geophysical Trust, A.L. Dodin of the VSEGETI, A.S. Mitropol'skiy of the Mining Expedition, V.A. Iukin of the Mining Administration of the Kuznetsk Metallurgical Combine, S.S. Zimin of the Tomsk Polytechnic Institute, I.V. Derbikov of the Sibneftegeofizika Trust, and V.G. Korel' of the Siberian Metallurgical Institute. There are 103 diagrams including insert maps and 10 tables. There are 271 references, all Soviet.

Card 3/9

KALUGIN, A.S., inzh.; MUKHIN, A.S., inzh.; BUSANOV, M.G., kand. geologo-miner. nauk; TUNIN, Ya.B., inzh.

Iron ore base for the Kuznetsk and West Siberian metallurgical combines. Izv. vys. ucheb. zav.; chern. met. no.4:3-10 Ap '58.
(MIRA 11:6)

1. Zapadno-Sibirskoye geologicheskoye upravleniye i Kuznetskiy metallurgicheskiy kombinat.
(Siberia, Western--Iron ores)

KALUGIN, A.S.

BARDIN, I.P., akademik, otv.red.; ANTIPOV, M.I., nauchnyy red.; GORBACHEV, T.F., nauchnyy red.; DOBIN, A.L., nauchnyy red.; YEROFEYEV, B.N., nauchnyy red.; KALUGIN, A.S., nauchnyy red.; NEKRASOV, N.N., nauchnyy red.; POSPELOV, G.L., nauchnyy red.; SKOBNIKOV, M., nauchnyy red.; SMIRNOV-VERIN, S.S., nauchnyy red. [deceased]; STRUMILIN, S.G., akademik, nauchnyy red.; KHLEBNIKOV, V.B., nauchnyy red.; CHINAKAL, N.A., nauchnyy red.; SHAPIRO, I.S., nauchnyy red.; SLEDZHYUK, P.Ye., red. toma; SOKOLOV, G.A., red.roma; KUDASHEVA, I.G., red.izd-va; POLENOVA, T.P., tekhn.red.

[Iron ore deposits in the Altai-Sayan mountainous region] Zhelezo-rudnye mestorozhdenia Altae-Saianskoi gornoj oblasti. Otvetstvennyi red. I.P. Bardin. Moskva. Vol.1. Book 2. [Description of the deposits] Opisanie mestorozhdenii. 1959. 601 p. (MIRA 13:2)

1. Akademiya nauk SSSR. Mezhdvedomstvennaya postoyannaya komissiya po zhelezu. (Altai Mountains--Iron ores)(Sayan Mountains--Iron ores)

KALUGIN, A.S.

Structural control of thicknesses, compositions, reserves, and interrelations of vein and ore components as revealed by studies of the Kalguta rare metal deposit. Trudy SNIGGIMS no.6:115-129 '61. (MIRA 15:7)

(Altai Mountains--Ore deposits)

BGATOV, V.I.; BOGOLEPOV, K.V.; KAZARINOV, V.P.; KALUGIN, A.S.; KOSOLOBOV,
N.I.; KOSYGIN, Yu.A.; KRASIL'NIKOV, B.N.; KRASNOV, V.I.; KUZNETSOV,
Yu.A.; KUZNETSOV, V.A.; LIZALEK, N.A.; ROSTOVTSEV, N.N.; SAKS, V.N.

In memory of Vadim Sergeevich Meleshchenko. Geol.i geofiz.
no.2:130-131 '62.

(MIRA 15:4)

(Meleshchenko, Vadim Sergeevich, 1917-1961)

AKUL'SHINA, Ye.P.; EGATOV, V.I.; GURARI, F.G.; GUROVA, T.I.; DERBIKOV, I.V.;
YEGANOV, E.A.; KAZANSKIY, Yu.P.; KALUGIN, A.S.; KAS'YANOV, M.V.;
KOSOLOBOV, N.I.; KASYGIN, Yu.A.; MIKUTSKIY, S.P.; SAKS, V.N.;
TROFIMUK, A.A.; UMANTSEV, D.D.

Professor Vladimir Panteleimonovich Kazarinov; on his 50th birthday.
Geol. i geofiz. no.3:122-123 '62. (MIRA 15:7)
(Kazarinov, Vladimir Panteleimonovich, 1912-)

KALUGIN, A.S.

New data on iron potential in the Rudnyy Altai. Trudy SNIIGGIMS no.25:
109-118 '62.

(Altai Mountains--Iron ores)

(MIRA 16:4)

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii ko-
mitet.

LEBEDEV, I.V., otv.red.vypuska; KAS'YANOV, M.V., glavnyy red.;
GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.;
ARUSTAMOV, A.A., red.; DERBIKOV, I.V., red.; KAZARINOV, V.P.,
red.; KALUGIN, A.S., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P.,
red.; ROSTOVTSEV, N.N., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V.,
red.; UMANTSEV, D.F., red.; SAFRONOVA, I.M., tekhn.red.;
RAGINA, G.M., vedushchiy red.

[Biostratigraphy of Mesozoic and Tertiary sediments in Western
Siberia] Biostratigrafiia mezozoiskikh i tretichnykh otlozhenii
Zapadnoi Sibiri. Moskva, Gostoptekhizdat. Vol. 1. 1962. 590 p.
Vol. 2. [Atlas of paleontological plates and their explanations]
Atlas paleontologicheskikh tablits i ob"iasneniia k nim. 1962.
128 plates. (Its Trudy, no.22). (MIRA 17:4)

KAZARINOV, V.P., *otv.red.vypuska*; ROSTOVTSSEV, N.N., *glavnyy red.*; SEGAL', Z.G., *vedushchiy red.*; GURARI, F.G., *zamestitel' glavnogo red.*; AMSHINSKIY, N.N., *red.*; DERBIKOV, I.V., *red.*; KALUGIN, A.S., *red.*; MALIKOV, B.N., *red.*; MIKUTSKIY, S.P., *red.*; SUKHOV, S.V., *red.*; TESLENKO, Yu.V., *red.*; UMANTSEV, D.F., *red.*; GAVRILOVA, N.V., *red.*; SAFRONOVA, I.M., *tekh. red.*

[Geology and prospects for finding oil and gas in the northwestern part of the Siberian Platform.] *Geologicheskoe stroenie i perspektivy neftegazonosnosti severo-zapada Sibirskoi platformy.* Leningrad, Gostoptekhi-zdat, 1963. 183 p. [Trudy Sibirskogo nauchno-issledovatel'skogo instituta geologii, geofiziki i mineral'nogo syr'ya, no.28.] (MIRA 16:11)

KALUGIN, A.S.; ANAN'YEV, A.R.; GRATSIAKOVA, R.T.; KUL'KOV, N.P.; MIRONOVA, N.V.;
NADLER, Yu.S.

Stratigraphic position and the age of the horizon of the volcanic
sedimentary iron ores in Devonian sediments in the Altai. Trudy
SNIIGGIMS no.29:142-148 '64. (MIRA 18:3)

KALUGIN, A.S.

Quantitative basis for geological and metallogenetic regionalization
of fold provinces. Sov. geol. 8 no.1:95-104 Ja '65.

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya. (MIRA 18:3)

KALUGIN, A.S.; IVANOV, V.I.

Relation with diabases and the metamorphism of some volcanic-sedimentary iron ore deposits in the Devonian sediments of the Altai. Trudy SNIIGGIMS no.35:62-71 '64. (MIRA 18:5)

LUTSENKO, S.M., prof. (Grodno, ul.Ozheshko, d.43, kv.55); KALUGIN, A.S.,
kand. med. nauk

Treatment of trophic ulcers of the lower extremities by the appli-
cation of a preserved heterogenous peritoneum and by vacuum therapy.
Ortop., travm. i protez. 26 no.3:26-29 Mr '65. (MIRA 18:7)

1. Iz kafedry fakul'tetskoy khirurgii (sav. - prof. S.M.Iutsenko)
Grodnskogo meditsinskogo instituta (rektor - dotsent D.A.Maslakov).

TOYEKOVA, Nina Aleksandrovna; Prinimali uchastiye: DEMINA, R.G.; BRYUZGINA, N.I.; ROSTOVTSEV, N.N., glavnyy red.; GURARI, F.G., zamestitel' glavnogo red.; UMANTSEV, D.F., red.; DERBIKOV, I.F., red.; KAZARINOV, V.P., red.; KALUGIN, A.S., red.; KOLOBKOV, M.N., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P., red.; BOTVINNIKOV, V.I., red.; BUDNIKOV, V.I., red.; BOGOMYAKOV, G.P., red.; SURKOV, V.S., red.; SUKHOV, S.V., red.; BOCHAROVA, N.I., red.

[Physical properties of rocks in the West Siberian Plain.]
Fizicheskie svoistva gornykh porod Zapadno-Sibirskoi nizmennosti.
Moskva, Nedra, 1964. 127 p. (Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy, no.31).
(MIRA 18:7)

12.8290

39361
S/123/62/000/013/006/021
A004/A101

AUTHORS: Mikhaylov, I. G., Kalugin, B. A.

TITLE: New ultrasonic method of measuring the elastic properties of solid bodies at high temperatures

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 13, 1962, 23, abstract 13B137 (In collection: "Prom. primeneniye ul'trazvuka. Kuybyshevsk. aviats. in-t". Kuybyshev, 1961, 141 - 149)

TEXT: The authors suggest an ultrasonic method for measuring the elastic constants of materials (Young's modulus, modulus of rigidity and Poisson's ratio) at high temperatures, and also a method of a non-uniformly heated specimen whose face ends have been cooled down to a temperature permitting the use of ultrasonic emitters having a Curie temperature of some 500°C. In this case it is possible, knowing the course of temperature distribution along the specimen and measuring the average velocity of longitudinal and transverse waves, to investigate the temperature relations of the elastic constants of materials. The investigation results are illustrated by test data, the tests being carried out with two metal

Card 1/2

New ultrasonic method of...

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alloys, Cr 50 (St50) and D-16 (D-16). The temperature was measured with Chromel-Alumel thermocouples, while the velocity of longitudinal and transverse oscillations was measured with an ultrasonic pulse method using an ultrasonic installation. This installation was built according to a 2-shunt system using quartz converters of X and Y section with a frequency of 2.5 Mc. The data obtained satisfactorily agreed with the published ones.

V. Poluyanov

[Abstracter's note: Complete translation]

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Card 2/2

KALUGIN, B.A., eléktrómekhanik

Automatic switching-in of auxiliary power supply. Avtom., telem. i
sviaz' 7 no.2:17 F '63. (MIRA 16:3)

1. Atkarskaya distantsiya signalizatsii i svyazi Privolzhskoy dorogi.
(Railroads—Electric equipment)

KALUGIN, B.A., elektromekhanik

The quality of commutators should be improved. Avtom., telem i
sviaz' 7 no.5:36 My '63. (MIRA 16:7)

1. Atkarskaya distantsiya signalizatsii i svyazi Privolzhskoy
dorogi.

(Railroads—Communication systems)
(Telephone)

KALUGIN, B.A., elektromekhanik

Direct control battery has become unnecessary. Avtom.,
telem. i svyaz' 7 no.10:52-33 0 '63. (MIRA 16:11)

1. Atkarskaya distantsiya signalizatsii i svyazi Privolzhskey
dorogi.

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IJP(c) JD/EM

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AUTHOR: Kalugin, B. A.; Mikhaylov, I. G.

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ORG: Leningrad State University (Leningradskiy gosudarstvennyy universitet)

TITLE: The ultrasonic method of measuring the moduli of elasticity of metals at temperatures up to 3000K

26 9M

SOURCE: Akusticheskiy zhurnal, v. 12, no. 1, 1966, 114-116

TOPIC TAGS: modulus of elasticity, shear modulus, measuring apparatus, molybdenum, metal physical property

ABSTRACT: The authors had earlier described a method for the measurement of moduli of elasticity of solids at high temperatures based on the measurement of the propagation velocities of longitudinal and transverse ultrasonic waves in an unevenly heated specimen (Novyy ul'trazvukovoy impul'snyy metod issledovaniya uprugikh svoystv tverdykh tel pri vysokikh temperaturakh. Akust. zh., 1961, 7, 2, 195-200). That method was used to measure the elasticity moduli of some metals up to a temperature of about 1300K. The authors describe a method which enabled them to shift into a region of higher temperatures

Card 1/4

UDC: 539.32:534.6