

BOGOYAVLENSKIY, G.P.; SHSHKIN, I.B.; GALITSKIY, V.A.; BELEN'KIY, A.B., kand.ist. nauk, nauchn. red.; GRIN, M.F., kand. ekon. nauk, nauchn. red.; ZABELIN, I.M., kand. geogr. nauk, nauchn. red.; LAPPO, G.M., kand. geogr. nauk, nauchn. red.; SAMSONENKO, L.V., red.; FRADKIN, N.G., kand. geogr. nauk, nauchn. red.; KIR'YANOVA, Z.V., mlad. red.

[The land and the people; Geographical calendar for 1965]
Zemlia i liudi; Geograficheskiy kalendar' 1965. Moskva, Mysl', 1964. 303 p. (MIRA 18:1)

ACC NR: AP7006053

SOURCE CODE: UR/0107/66/000/011/0029/C032

AUTHOR: Zabelin, K. (Engineer); Izyumov, N. (Engineer); Klibson, V. (Engineer);
Pevzner, I. (Engineer)

ORG: none

TITLE: "Vecher" television set

SOURCE: Radio, no. 11, 1966, 29-32

TOPIC TAGS: TV receiver, electronic equipment

ABSTRACT: The authors describe the "Vecher", a new Soviet television set put out by the Plant im. Kozitskiy in Leningrad. The new unit differs from previous sets both in external design and in the fact that it contains both tubes (8) and transistors (21) in addition to 25 semiconductor diodes. The parameters of this new set satisfy GOST requirements for second class television receivers. A complete schematic diagram is given with a detailed description of the operation of each stage. Construction is modular on a vertical chassis with printed circuits used in most modules. Provision is made for rotating the chassis through 180° and locking at 90° for facilitating inspection and repair of the unit. The channel selector is mounted on the front panel together with the T. V. tube and speakers. The other main control units (on-off switch, contrast, brightness, volume and tone controls) are located on top of the set. On the back of the set are auxiliary controls as well as jacks for antenna connection, earphone and tape recorder inputs, a fuse plug, and panels for connecting stereo and remote control attachments. The cabinet is made from wood and plastic. The set measures 610x480x340 mm overall and weighs about 25 kg. Orig. art. has: 2 figures. [JPRS: 39,548]

SUB CODE: 17, 09

Card 1/1

09270853

KLIBSON, V.; IZUMOV, N.; BRICHKIN, L.; ZABELIN, K. (Leningrad)

"Volna" and "Drushba" television sets. Radio no.6:33-36 Je '60.
(MIRA 13:7)

(Television--Receivers and reception)

AUTHOR: Zabelin, M.

SOV-25-58-8-11/61

TITLE: The Green Arctic (Zelenaya arktika)

PERIODICAL: Nauka i zhizn', 1958, Nr 8, p 24 (USSR)

ABSTRACT: The article contains a brief description of a botanical garden which is situated 7 km from the town of Kirovsk on the Kola Peninsula. This is the most northern polar-alpine botanical garden in the world. It was set up by the young scientific workers N.A. Avrorin and L.I. Kachurin, who were the first to explore the Kola Peninsula, with its 100,000 sq km of marsh plains, mountains, tundra, rivers and lakes. There is 1 figure.

1. Botany--Arctic regions

Card 1/1

AUTHOR: Zabelin, V.

SCV-25-58-8-26/61

TITLE: Karacharovo - Factory for Plastic Materials (Karacharovo, zavod plastmass)

PERIODICAL: Nauka i zhizn', 1958, Nr 8, pp 43-48 (USSR)

ABSTRACT: An exhibition at the Karacharov plant of plastic materials shows an assortment of various articles manufactured by the plant for use in household, engineering, radioengineering, automobile construction, etc. Complying with a Party resolution, the workers of the plant are organizing the production of new, highly effective materials and turning out new articles badly needed by the Soviet industry. The author explains the law of polymerization on which the production of plastic materials is founded. Vitaliy Petrovich Perepelkin, Chief of the Central Laboratory, pointed to polyethylene as the most promising of the new plastic materials and explains its properties. He also deals with fluoroplastic-4, which so far has not been surpassed in respect to its properties. The author explains how engineers F.I. Skundina, A.F. Golovatskiy and the plant's chief engineer A.I. Gladyshev developed an entirely new technology for the production of various spare parts from fluoroplastic-4. Laboratory Engineer

Card 1/3

Karacharovo - Factory for Plastic Materials

SOV-25-58-3-26/61

A.I. Guseva is at present developing a method for manufacturing pressure-molds for vacuum-pressing from plastics. A plant's workshop, now transformed into a laboratory of the USSR Academy of Building and Architecture, has solved questions connected with the turning out of plastic tubes. They are resistant against chemical effects, non-toxic and made of "viniplastic", organic glass and other thermo-plastic materials. Scores of industrial branches are in need of resistant and long-lasting plastic tubes. The author describes in short the method of producing such tubes. The author points to a unique automatic press for the production of articles of phenol aldehyde plastic and aminoplastic. The manufacturing of articles from polyethylene, polyesters, "polyamidic" (poliamidnyye smoly) resins will soon be entirely automated. The modernization of the plant also involves automation. The new presses will have a capacity of from 500 to 800 tons. New casting machines are being mounted for the manufacture of spare parts weighing up to 1 kg. P.M. Nizhinets, plant director, stated that within the next few years the production of plastic material must increase 4½ times and the modernization and automation of the plant serves this purpose. A special page shows several parts of an automat for the pressing of housings of electric

Card 2/3

Karacharovo - Factory for Plastic Materials

SOV-25-58-8-26/61

meters, constructed by engineers A.I. Gladyshev, G.G. Gusev,
P.D. Ivanov and G.I. Shapiro.
There are 9 photos, 1 set of drawings.

1. Industrial plants--USSR 2. Plastics--Production

Card 3/3

ZABELIN, M. G.

ZABELIN, M. G., and V. PRONIN, eds.

Muzhestvo. Sbornik pod red. M. Zabelina i V. Pronina. 2. izd.,
perer. i dop. Moskva, Molodaia gvardiia, 1937, 216 p., illus., ports.
Title tr.: Courage.

TL755.A1Z3 1937

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

33512

S/619/61/000/019/002/019
D039/D112

3.9300 (1019, 1327)

AUTHORS: Borisevich, Ye.S.; Zabelin, M.V.; Mosyagina, M.S.

TITLE: The OSB-IV seismic oscillograph

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Trudy, no. 19 (186).
Moscow, 1961, Seysmicheskiye pribory, 12-18

TEXT: The authors describe the ~~OSB~~ IV (OSB-IV) six-channel seismic oscillograph, which is one of the latest models of its kind. Its predecessors include the ~~one~~ (OPSS), ~~OSB~~ -II (OSB-II), ~~OSB~~ -I (OSB-I) and other oscillographs developed in the USSR since 1950, when the first attempts at producing portable electromagnetic oscillographs were made on the initiative of Academician G.A. Gamburtsev. The compact and portable OSB-IV oscillograph is intended for earthquake recording under expedition conditions and at temporary seismic stations. It is equipped with a set of six ~~GB-III-BS~~ (GB-III-BS) or ~~GB-III-B~~ (GB-III-B) galvanometers with a common permanent magnet. The galvanometers can also be assembled as separate magnetic systems with shunts. The recording is performed on a 200-mm wide and 600-mm long strip of photographic paper by means of light beams reflected from

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D039/D112

The OSB-IV seismic oscillograph

mirror galvanometers. The drum, bearing the photographic paper, is contained in a detachable lightproof cassette inside the oscillograph. Use of the reflecting mirror system enabled the length of the optical indicator to be cut down to 500 mm. The helical-line recording is done with the aid of a rotating mirror. The spacing of the light beams per revolution of the drum may be set from 1 - 5 mm. A spring mechanism ensures continuous operation of the oscillograph for 12, 6 and 3 hrs at peripheral speeds of the drum of $v_1 = 60$ mm/min, $v_2 = 120$ mm/min and $v_3 = 240$ mm/min, respectively. The oscillograph is also equipped with a flyball speed regulator with a critical number of rotations $n_{reg} = 200$ r.p.m. A flyball-pendulum regulator can also be used. Time markings are made from a contact chronometer by breaking the circuit of the galvanometers' luminaire. The luminaire has 2.5-v 0.2-a CU-79 (STs-79) lamp. The power supply of the oscillograph is 0.5 a at 6 v DC. All units are contained in a duraluminum housing. The oscillograph has overall dimensions of 550 x 340 x 285 mm and weighs 23 kgf. It is simple in design, convenient to use, does not need a darkroom and consumes little electric power and photographic paper. Academician B.B. Golitsyn and A. Mazing are mentioned. There are 5 figures and 11 Soviet-bloc references.

Card 2/2

ZABELIN, M.V.

33516

S/619/61/000/019/006/019
D039/D112

3.9300 (019,1327)

AUTHORS: Borisovich, Ye.S.; Zhilevich, I.I.; Aronov, L.Ye., Arshvila, S.V.;
Zabelin, M.V.

TITLE: The SED-I seismic electrographic oscillograph

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Trudy, no.19 (186).
Moscow, 1961, Seismicheskiye priibory, 44-51

TEXT: The authors describe the ~~SED-I~~ (SED-I) seismic electrographic oscillograph for automatically recording seismic processes. It does not use the helical-line recording method with its intersecting recording lines, but produces a clear recording of the seismic process and the immediately preceding period (by means of a memory) only. The recording is suitable for both visual analysis and automatic mechanical processing, the principles of which are now being developed. The device can be used at either permanent or mobile seismic stations. Its mode of operation is as follows: Light from a luminaire is reflected by a mirror on to the windows of three galvanometers, is reflected back by a small mirror attached to the measuring system of the galvanometer on to the first mirror, and reflected

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33516

S/619/61/000/019/006/019
D039/D112

The SEO-I seismic

by other mirrors on to an endless moving band of photosemiconductive paper. The paper receives an electrostatic charge from a high-voltage generator, which makes it light-sensitive. The light rays from the galvanometers leave invisible lines free of charge on the paper. Under normal conditions, the electrostatic charge and the lines are erased when they pass an illuminated peep-hole; if seismic vibrations cause certain deviations of the light rays, an indicating photorelay actuates a developing mechanism which makes the recording visible. After a complete revolution, the device stops and the paper tape must be replaced. Other technical data are as follows: The oscillograph gives clear recordings of seismic processes with a frequency of up to 5 cycles per second at an amplitude of 15 μ m. Three 15-III-5C (GB-III-BS) shuntable galvanometers with individual magnetic systems are used. Recording is made on an endless paper tape 120 mm wide and 1.2 m long. The tape is transported by a 1-31 (G-31) synchronous hysteresis motor ($n=1000$ rpm, $N=5$ W); the tape speed is automatically reduced after the start of recording, thus extending the recording period; Length of the optical indicator is 300 mm; Time marks are applied by periodically switching off the galvanometer's luminaire by a contact chronometer; The device is fed from a 127 or 220 v a.c. network,

Card 2/3

33516

S/619/61/000/019/006/01:

DOJ9/0112

The SEG-I seismic

and its current consumption does not exceed 1 a; Its dimensions are 255 x 140 x 660 mm, and its weight 22 kgf. Its optical, kinetic and electrical systems are described and illustrated. It was designed by Ye.S. Borisovich and M.I. Zhilevich (Author's Certificate no. 126426); besides, the authors of this article, designers B.N. Pevzner and M.K. Dubrovina' and team-leader-mechanic F.F. Lenkov took part in its construction. There are 5 figures and 7 Soviet-bloc references.

Card 3/3

SHEYNOV, Ivan Ignat'yevich; ZABELIN, M.V., red.

[Reliability and service life of woodworking machinery]
Nadezhnost' i dolgovechnost' raboty derevoobrabatyvaiushchikh stankov. Leningrad, 1963. 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya: Derevoobrabatyvaiushchaia promyshlennost', no.7)
(MIRA 17:4)

~~SECRET~~ H. kand. ekon. nauk

Graduates of secondary schools go into industry. Prof.-tekh. obr. 15
no. 9:5-7 S '58. (MIRA 11:11)
(Labor supply) (Vocational education)

ZABELIN, N.

Important problem in the development of the eastern district of the
country. Prof.-tekh.otr. 19 no.10:3-5 0 '62. (MIRA 15:11)
(Altai Territory—Economic conditions)
(Altai Territory—Vocational education)

ZABELIN, N.

Role of the system of labor reserves in the supply of man power
in the U.S.S.R. Prof.-tekh.obr. 13 no.2:10-12 F '56. (MLIA 9:5)
(Technical education) (Labor supply)

SOV-27-58-9-5/28

AUTHOR: Zabelin, N., Candidate of Economical Sciences

TITLE: High School Graduates Are Entering Industry (Vypuskniki srednikh shkol idut na proizvodstvo)

PERIODICAL: Professional'no-tehnicheskoye obrazovaniye, 1958, Nr 9, pp 5-7 (USSR)

ABSTRACT: The author reviews the achievements made in the field of education during the Soviet regime. In 1956-1957, a total of 50.4 million persons attended different Soviet educational institutions, as compared with 10.6 million in 1914-1915. The number of students graduating from high schools increased considerably in 1957-1958. The author criticizes the general attitude of high school graduates with respect to practical work, and proposes that the system of national education be reorganized. Soviet schools are called upon to educate high school graduates in order that they can take an active interest in industrial production. The author stresses the importance of the proper distribution of the labor force, especially to meet labor requirements of eastern economic districts of the RSFSR and Kazakhstan. There are 3 Soviet references.

1. Industrial training--USSR

Card 1/1

ZABELIN, N. A.

Raschet schetno-reshaiushchikh mekhanizmov na tochnost'. Moskva,
Oborongiz, 1949. 240 p. diagrs.

(Calculating the precision of computers and registers.)

DLC: QA75.Z3

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953

ZABELIN, N-A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 312 - I

BOOK

Call No.: AF358721

Author: ZABELIN, N. A.

Full Title: DETERMINATION OF PRECISION OF CALCULATION SOLVING
MECHANISMS

Transliterated Title: Raschet schetno-reshayushchikh mekhanizmov
na tochnost'

Publishing Data

Originating Agency: None

Publishing House: State Publishing House for Defense Industry
Literature

Date: 1949

No. pp.: 240

No. of copies: Not given
(15 printed sheets)

Editorial Staff

Editor: None

Editor-in-Chief: None

Others: Bordachev, N. A., Dr. of Eng. Sci.

Tech. Ed.: None

Appraiser: None

Text Data

Coverage: On the basis of the Bruyevich theory of precision the
author formulates the evaluation of the degree of pre-
cision of calculation-solving mechanisms and of other
arrangements used in precise construction of apparatuses.

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Raschet schetno-reshayushchikh mekhanizmov
na tochnost'

AID 312 - I

The work is also extended to the computation of degree of precision and determination of errors of mechanisms and their details caused by allowable tolerances in the production processes and assembling. Practical formulas were developed for precision of various gears (cams, worms, screws, etc.) and for general complex of mechanisms under consideration of "free play."

The book represents a quite interesting assembly of important formulas for computation and evaluation of precision of mechanisms.

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Raschet schetno-reshayushchikh mekhanizmov
na tochnost'

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Raschet schetno-reshayushchikh mekhanizmov
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Raschet schetno-reshayushchikh mekhanizmov
na tochnost'

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Raschet schetno-reshayushchikh mekhanizmov
na tochnost'

AID 312 - I

Purpose: The book is intended for workers in design bureaus for precise construction of apparatuses. It can also be used by students of technical colleges in preparation of their graduate thesis.

Facilities: The textbook on "Precision of Mechanisms" by the Academician N. G. Bruyevich

No. of Russian and Slavic References: 8 (1939-47)

Available: A.I.D., Library of Congress.

6/6

ZABELIN, N.K.

KAL'YANOV, T.A., inzhener; BREZHNEV, Ya.I., inzhener; RUDNITSKIY, L.S.,
inzhener; KOTESHOV, N.P., inzhener; YEZERSEKIY, B.B., inzhener;
CHERKUN, N.A., inzhener; SUSLOVICH, Z.I., inzhener; ZABELIN, N.K.,
inzhener.

Improving the quality of cast-iron rolls for shape rolling.
Stal' 16 no.7:647-649 J1 '56. (HLRA 9:9)

1. Zavod imeni Dzerzhinskogo, Dnepropetrovskiy chugunoval'-
tsedelatel'nyy zavod i Dnepropetrovskiy metallurgicheskiy
institut.

(Rolls (Iron mills)--Quality control)

ZABELIN, NIKOLAY NIKOLAYEVICH

PLANNING, TRAINING AND ALLOCATION OF MANPOWER IN THE
USSR, BY N.N. ZABELIN [AND OTHERS] NEW YORK, USJPRS,
1961.

223 P. TABLES. (JPRS: 8916; CSO: 5949-D)

TRANSLATED FROM THE ORIGINAL RUSSIAN: PLANIROVANIYE
PODGOTOVKI I RASPREDELENIYE RABOCHIKH KADROV V SSSR,
MOSCOW, 1960.

~~ZABELIN, Nikolay Nikolayevich; KALMYK, V.A., red.; RYSKO, S.Va., red.;~~
~~TOKER, A.M., tekhn.red.~~

[Significance of labor reserves for the national economy]
Narodnokhosiaistvennoe snachenie gosudarstvennykh trudovykh
rezervov. Moskva, Vses.uchebno-pedagog.izd-vo Trudreservizdat,
1959. 90 p. (MIRA 12:10)

(Labor supply)

ZABELEIN, M.M., kand.ekonom.nauk; ZELENSKIY, G.N.; KOTOV, F.I., kand.
ekonom.nauk; ROSECHIN, V.T.; MEDVEDEV, M.M., red.; GERASIMOVA,
Ye.S., tekhn.red.

[Planning the training and distribution of the labor supply in
the U.S.S.R.] Planirovanie podgotovki i raspredeleniya rabochikh
kadrov v SSSR. Moskva, Gosplanizdat, 1960. 150 p.

(MIRA 14:3)

(Manpower)

ZABELIN, O.M., inzh.-kontroler kotlonadzora

Shortcomings in the operation of VGD boilers. Bezop.tatstva v prom.
6 no.6:33 Ja '62. (MIRA 15:11)

1. Upravleniye Kuznetskogo okruga Gosudarstvennogo komiteta pri
Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniyem rabot
v promyshlennosti i sornomu nadzoru (for Zabelin).
(Boilers)

ZABELIN, P., podpolkovnik, voyenny letchik pervogo klassa

In the air there is a pair. What is it's combat order? Vest. Vozd.
Fl. no.11:50-53 N '61. (MIRA 15:2)

(Airplanes--Piloting)

PHASE I BOOK EXPLOITATION

SOV/5419

Zabelin, Petr Alekseyevich

Dosimetricheskiy i spetsial'nyy tekhnologicheskii kontrol' na atomnykh elektrostantsiakh (Dosimetric and Special Technological Control in Atomic Power Plants) Moscow, Gosenergoizdat, 1961. 239 p. Errata slip inserted. 5,000 copies printed.

Eds.: V.I. Kukhtevich and L.V. Makarov; Tech. Ed.: N.I. Borunov.

PURPOSE: This book is intended for personnel of dosimetric services at atomic electric power plants. The book may also prove useful to engineering and technical workers who have no special training in nuclear physics but who have occasion to work with radioisotopes because of the nature of their work.

COVERAGE: The author discusses problems of dosimetry and special process control at atomic installations. Emphasis is placed on the practical side of these problems. The book contains information on the interaction of radiation with matter, describes simple measures for protection against radioactive sources, explains the concept of maximum permissible radiation levels and methods of computing them, and also methods of measuring radioactivity levels. The book describes the operating

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Dosimetric and Special Technological Control (Cont.)

SOV/419

principles and design of dosimetric instruments and systems of dosimetric control, and also the organization of dosimetry service at atomic electric power plants. Main attention is given to β - and γ -radiation dosimetry. No personalities are mentioned. There are 18 references: 16 Soviet (including 9 translations), and 2 English.

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ZABELIN, P.A., inzh.

Dosimetric and radiation control in the first atomic power plant.
Teploenergetika 11 no.6:16-19 Je '64. (MIRA 18:7)

ACCESSION NR: AP4037633

S/0096/64/000/006/0016/0019

AUTHOR: Zabelin, P. A. (Engineer)

TITLE: Dosimetric and radiation monitoring in the first atomic power plant

SOURCE: Teploenergetika, no. 6, 1964, 16-19

TOPIC TAGS: radiation dosimetry, radiation monitoring, radiation protection, atomic power plant, atomic reactor, radioactive waste

ABSTRACT: The author describes the radiation monitoring system employed in the plant to ensure the safety of personnel; plant radiation sources and shielding are briefly discussed. The following systems are described: a fixed central monitor for γ -radiation dosage rates in the production area; a fixed central radiation monitor of plant equipment operation and processes; a fixed central radiation monitor for radioactive gases and aerosols throughout the plant; various types of portable dosimeters; local β -dosimeters for detecting contamination of hands, body, work clothes and tools, and local signalling devices for monitoring γ -radiation dosage rate; personal dosimeters; manual and automatic systems of visual and aural alarms for increased radiation activity; and an outside system

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ACCESSION NR: AP4037633

for measuring contamination in large populated areas far from the reactor site, in soil and vegetation within a 10-km radius from the plant, and in waste water and gases. Operating experience over a ten-year period showed the system to provide adequate radiation protection.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 22Jun64

ENCL: 00

SUB CODE: NP

NO REF SOV: 000

OTHER: 000

Card 2/2

ZABELIN, V.

Freight market in the light of the Suez events. Vneshtorg.
27 no. 4:23-26 '57. (MLRA 10:5)
(Suez canal) (Freight and freightage)

ZABELIN, V., starshiy frakhtovshchik

Merchant shipping by the People's Republic of Bulgaria.
Mor. flot 18 no.11:27-28 N '58.

(MIRA 11:12)

1. Vsesoyuznoye ob'yedineniye "Sovfrakht."
(Bulgaria--Merchant marine)

ZABELIN, V.

World freight market in 1965. Mor.flet 26 no.1:41-43

Ja '66.

(MIRA 19:1)

1. Nachal'nik sektora Gosudarstvennogo proyektno-konstruktor-
skogo i nauchno-issledovatel'skogo instituta morskogo transporta.

ZABELIN, V.A.; ZHBRATOVA, T.M., mladshiy nauchnyy sotrudnik

Use of artificial fiber in twisted yarn. Tekst. prom. 18 no.11:18-20
N '58. (MIRA 11:12)

1. Rukovoditel' laboratorii kruchenykh izdeliy Tsentral'nogo nauchno-issledovatel'skogo instituta lubyanykh volokon (for Zabelin).
2. Tsentral'nyy nauchno-issledovatel'skiy institut lubyanykh volokon (for Zhbratova).

(Textile fibers, Synthetic)
(Yarn)

ZABELIN, V. A., Cand of Phys-Math Sci — (diss) "Investigation of the Structure and Sorbite Properties of Menillite Substances," Saratov, 1959, 16 pp (Saratov State University in N. G. Chernyshevskiy) (KL, 4-60, 114)

S/263/62/000/012/003/005
1007/1207

AUTHOR: Sorokin, S. I., Shrayber, L. S. and Zabelin, V. A.

TITLE: Device for automatic recording of volume changes

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 32. Izmeritel'naya tekhnika, no. 12, 1962, 41, abstract 32.12.396 "Nauchn. ezhegodnik. Saratovsk un-t. Fiz. fak. i N.-i. in-t mekhan. i fiz., 1955" Saratov, 1960, 41-47

TEXT: A device is described for automatic recording of volume changes in the gas evolving in a closed system in which chemical reactions occur at constant pressure. The device works on the principle of automatic reduction of pressure within the system to the pressure of the surrounding medium (i.e. to atmospheric pressure). The sensing element of the device consists of a V-shaped differential pressure gage (manometer) whose legs are provided with vertically located moving (threaded) needle contacts. These contacts ensure increased sensitivity of the device: the absolute error in the measurement of volume changes does not exceed $\pm 0.1\%$ of the volume of the burette used in the device. Narrow tubes may be used as gas burettes, permitting the measurement of small volumes (3-5 cm³) with the above accuracy. The device described was used by the authors for determining the quantity of gas evolved during thermal analysis of carbonate rocks.

[Abstracter's note: Complete translation.]

Card 1/1

ZABELIN, V.A.

Crystalline structure of silica in opals and lussatite. Dokl.
AN SSSR 139 no.1:184-187 J1 '61. (MIRA 14:7)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki pri
Saratovskom gosudarstvennom universitete.
(Opals) (Lussatite)

ZABELIN, V. A.

Study of the crystalline texture of silica contained in opals
and opal-bearing rocks. Zap. Vses. min. ob-va 91 no.3:343-350
'62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki pri
Saratovskom universitete.

(Opals) (X-ray cristallography)

ZABELIN, V.A.

Development of the process and parameters of high capacity
equipment for the twisting of ropes. Nauch.-issl.trudy TSNILV
17:113-147 '62. (MIRA 16:10)

ZABELIN, V.A.

Scriptive and structure-forming characteristics of opal rocks.
Zhur.prikl.khim. 35 no.5:962-969 My '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki
Saratovskogo gosudarstvennogo universiteta.
(Sorbents) (Opal)

ZABELIN, V.A.

Investigation of opals and opal-bearing rocks by the adsorption-structural method. Dokl. AN SSSR 139 no.2:442-445 J1 '61. (MIRA 14:7)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki pri
Saratovskom gosudarstvennom universitete. Predstavleno akademikom
N.M. Strakhovym. (Opals) (Adsorption)

ZABELIN, V.A.

Structure and genesis of the Saratov glauconite. Dokl. AN SSSR.
144 no.6:1344-1346 Je '62. (MIRA 15:6)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki pri
Saratovskom gosudarstvennom universitete. Predstavleno akad.
N.M.Strakhovym.
(Saratov region—Glauconite)

SOROKIN, S.I.; ZABELIN, V.A.

Natural sorbents as desiccants of gases. Khim.prom. no.8: 538-539
Ag. '61. (MIRA 14:8)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki pri
Saratovskom gosudarstvennom universitete.
(Gases--Drying) (Sorbents)

ISAYEV, Mikhail Porfir'yevich; ZABELIN, Vladimir Andreyevich; FISHER,
S.Ya., red.; TEPLYAKOV, S.M., red.; YASHIN, P.M., red.;
VORONTSOVA, Z.Z., tekhn. red.

[The IZh-56" and "IZh-Iupiter" motorcycles; construction,
maintenance and driving] Mototsikly "IZh-56" i "IZh-Iupiter";
ustroistvo, ukhod i obsluzhivanie. Pod obshchei red. S.IA.
Fishera i S.M.Teplyakova. Izhevsk, Udmurtskoe knizhnoe izi-vo,
1961. 207 p. (MIRA 15:3)

(Motorcycles)

ZABELIN, V.A.

Crystalline structure of silica in opal-bearing rocks of the Volga Valley. Dokl. AN SSSR 135 no.6:1491-1494 D '60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut mekhaniki i fiziki Saratovskogo gosudarstvennogo universiteta. Predstavleno akademikom N.M.Strakhovym.

(Volga-Valley--Rocks, Siliceous)

FEDYAYEVA, M. I., nauchnyy sotrudnik; ZABELIN, V. A., nauchnyy sotrudnik

Hackling of long scutched hemp. Tekhn. prom. 20 no. 9:16-17 S '60.
(MIRA 13:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut promyshlennosti
lubyanykh volokon.
(Textile machinery) (Hemp)

SHISARENKO, F.A.; ZABELIN, V.A.; TIMOFEEVA, Ye.M.; KLYAYEV, V.I.

Complex study of the physicochemical and sorptive properties
of Volga Valley gneiss. Zhur.pril.khim. 38 no.11:2430-2439
N 165. (MIRA 18:12)

1. Saratovskiy gosudarstvennyy pedagogicheskiy institut.
Submitted November 2, 1963.

VASIL'YEV, V.S.: ZABELIN, V.A.; KIKAYEV, V.I.; SLISARENKO, F.A.

Mineral composition of the lower part of Maastricht sediments in the
Saratov region. Dokl. AN SSSR 158 no.5:1096-1098 0 '64.

(MIRA 17:10)

1. Saratovskiy gosudarstvennyy universitet im. N.G.Chernyshevskogo i
Saratovskiy gosudarstvennyy pedagogicheskiy institut. Predstavleno
akademikom N.M.Strakhovym.

L 06479-67 EWT(1)/EWT(m) WW/DJ

SOURCE CODE: UR/0081/66/000/009/D041/D041

ACC NR: AR6028231

AUTHOR: Zabelin, V. A.

TITLE: Possible uses of molecular sieves (zeolites) in adsorption vacuum pumps

SOURCE: Ref. zh. Khimiya, Part I, Abs. 9D30

REF SOURCE: Tr. molodykh uchenykh. Saratovsk. un-t. Vyp. fiz., Saratov, 1965, 156-162

TOPIC TAGS: molecular sieve, zeolite, adsorption, vacuum pump

ABSTRACT: The process of producing a vacuum down to 10^{-4} mm by means of Soviet-made synthetic zeolites of types CaX, NaX and CaA was studied experimentally. It is recommended that the primary dehydration be carried out by calcining at 350° with evacuation of the dehydration products or by calcining in air at 400° for 3-5 hr. According to the adsorption isotherms obtained, the bulk of the adsorption process occurs in the pressure range of 1×10^{-2} - 1×10^{-1} mm, and the magnitude of adsorption reaches 100 ml of air per g of zeolite. Adsorption at higher pressures is slight. Agreement between the air adsorption isotherms in the range of the main adsorption by CaA, NaX and CaX zeolites leads to the conclusion that the fields of the adsorptive forces within the crystal voids of these zeolites are similar and that the geometry of the voids is very similar. NaA-type zeolites were found to be unsuitable for producing a vacuum because of the small size of the entrance windows. V. Vasil'yev. [Translation of abstract]

SUB CODE: 07,13

Card 1/1 NZE

ZABELIN, V.D., gruppovoy inzh.; IGNATUSHCHENKO, E.V., inzh.;
KVOSTOV, N.V., st. tekhnik; YARUSHIN, M.I., inzh., red.

[New machinery and methods of organizing the building of
precast reinforced concrete hydraulic ~~structures~~ on water
development projects] Novye mashiny i sposoby organizatsii
stroitel'stva sbornyykh zhelezobetonnykh gidrotekhnicheskikh
sooruzhenii na vodokhoziaistvennykh sistemakh. Moskva,
(MIRA-17:4)
1962. 83 p.

1. Moscow. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'-
skiy i nauchno-issledovatel'skiy institut.

ZABELIN, V.D., inzh.; OFFENGENDEN, S.R., kand.tekhn.nauk; SAMONOV, I.N.,
inzh.

Complete mechanization of the construction of precast reinforced
concrete flumes. Gidr. i mel. 14 no.4:9-19 Ap '62. (HIRA 15:5)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i
nauchno-issledovatel'skiy institut Ministerstva sel'skogo
khozyaystva.

(Irrigation canals and flumes)
(Precast concrete construction)

ZABELIN, V.D., inzh.

Reservoir made of mesh-reinforced concrete arched shell.
Gidr. i mel. 15 no.8:47-48 Ag '63. (MIRA 1618)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i
nauchno-issledovatel'skiy institut Ministerstva sel'skogo
khozyaystva.

ZABELIN, V.D., inzh.

Watering station from mesh-reinforced concrete structures.
Gidr. 1 mel. 15 no.9:54-56 S '63. (MIRA 17:1)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i
nauchno-issledovatel'skiy institut vodekhozyaystvennogo
stroitel'stva Ministerstva sel'skogo khozyaystva SSSR.

VYSHNEPOL'SKIY, S.A.; BURMISTROV, M.M.; ZABELIN, V.G.; KRUGLOVA,
Ye.M., red.

[Chartering of merchant ships] Frakhtovaniye morskikh sudov.
Moskva, Transport, 1964. 185 p. (MIRA 18:2)

BERMAN, D.I.; ZABELIN, V.I.

New materials on the ornithofauna of Tuva. Ornitologiya
no.6:153-160 '63. (MEPA 17:6)

ZABELIN, V.L.

Miniature tubular valve. Sbor.mat.po avtom.proizv.prots.1 disp.
no.5:115-117 '60. (MIRA 14:4)

1. Konstruktorskoye byuro "TSvetmetavtomatika."
(Valves)

LISOVSKIY, D.I.; ZABELIN, V.L.

Automating the analysis of solutions in the hydrometallurgy
of zinc. TSvet. met. 37 no.11:46-50 N '64. (MIRA 18:4)

ANFILOV, A.A., inzh.; BAKALEYNIK, Ya.M., inzh.; BIRGER, G.I.,
inzh.; BRUK, B.S., inzh.; BUROV, A.I., inzh.; GINZBURG, V.L.,
inzh.; ZABELIN, V.I., inzh.; ZAPLECHNYI, Ye.G., inzh.; ISAYEV,
D.V., inzh.; KLIMOVITSKIY, A.M., inzh.; KRYUCHKOV, V.V., inzh.;
KOTOV, V.A., inzh.; LEYDERMAN, A.Ye., inzh.; PODGOYETSKIY,
M.L., inzh.; SAZHAYEV, V.G., inzh.; SEVAST'YANOV, V.V., inzh.;
FILIPPOV, S.F., inzh.; FROMBERG, A.B., inzh.; SHNEYEROV, M.S.,
inzh.; ERLIKH, G.M., inzh.; VERKHOVSKIY, B.I., red.; ZHUKOV,
G.A., red.; KARKLINA, T.O., red.; OVCHARENKO, Ye.Ya., red.;
ANTONOV, B.I., ved. red.

[New means of automatic and centralized control for nonfer-
rous metal mines] Novye sredstva avtomatizatsii i dispetcher-
skogo upravleniia dlia rudnikov tsvetnoi metallurgii. Moskva,
Nedra, 1965. 93 p. (MIRA 18:4)

ZABELIN, V.V. [Zabielin, V.V.]

Continuous method for tractor repairing. Mekh. sil'. hosp. 14 no.7:
18-21 JI '63. (MIRA 17:2)

1. Zaveduyushchiy Kakhovskim rayonnym ob'yedineniyem "Sil'gosptekhnika" Khersonskoy oblasti.

USSR / Farm Animals. General Problems. Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21197

Author : Zabelina, A. F.
Inst : Kzhevsk Institute of Agriculture
Title : The Feed Merits of Some Grass Mixtures

Orig Pub : V sb.: Materialy nauchnoy konferentsii. Izhevskiy
s.-kh. in-t. Vyp. 2. Izhevsk, 1958, 83-88

Abstract : The experiments were conducted with double and triple grass mixtures at the Aleksandrovo-Gayskiy rayon, Saratovskaya oblast'. It was established that triple mixtures (blue or yellow lucerne + awnless bromegrass + narrow-leaved wheat grass) contain 1.77 percent more protein, 0.30 percent more Ca, 0.15 percent more P, 6.14 mg more carotene, and 1.21 more cellulose than double mixtures. The largest quantity of nutritional substances was observed in all grass

Card 1/2

USSR / Farm Animals. General Problems.

Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21197

mixtures at early phases of vegetation at the beginning
of the leguminous components' blooming. -- A. D. Itsin

Card 2/2

ZABELINA, A. F. Cand Agr Sci -- (diss) "Selecting Perennial Grass
Mixtures for ~~the~~ Estuaries of the Transvolga Region." Izhevsk, 1956.
14 pp 20 cm. (Min of Agriculture USSR, All-Union Scientific Research
Inst of ^{Fodder} ~~Feeds~~ in V. R. Vil'yams), 150 copies (KL, 23-57, 111)

ZABELINA, E.X.

Migration of the mouth of the Okhota River and its effect on shore
dynamics. Trudy Okean.kom. 12:67-72 '61. (MIRA 15:1)

1. Okeanograficheskaya komissiya AN SSSR.
(Okhotsk region--Coast changes)

ACC NR: AP6034008

(N)

SOURCE CODE: UR/0213/66/006/005/0830/0834

AUTHOR: Zabelina, E. K.

ORG: Oceanographic Commission, AN SSSR (Oceanograficheskaya kommissiya AN SSSR)

TITLE: Recent vertical movements on the northwest coast of the Sea of Okhotsk

SOURCE: Okeanologiya, v. 6, no. 5, 1966, 830-834

TOPIC TAGS: tectonics, geotectonics, physical geology

ABSTRACT: All the basic features of the land relief developed in the latter part of the Quaternary against the background of uplift in the northwest part of the Okhotsk region. A sharp differentiation in tectonic movements has resulted in the formation of depressions here and there, thus accounting for a shore consisting of cliffs alternating with depressions. On the whole, the eastern flank of the region is sinking while the coast adjoining the mountain ranges is rising. Vertical movements have varied with time. However, to quote Belousov, tectonic movements constitute a monotonic process of fluctuations. It is difficult to say how many fluctuations should be attributed to the actual uplift of the land and how many are due to changes in sea level. Orig. art. has: 2 figures.

SUB CODE: 08/

SUBM DATE: 08Apr64/

ORIG REF: 011

UDC: 551.417

Card 1/1

ZABELINA, E. K.

GERSHANOVIKH, D. Ye.; ZABELINA, E. K.

Geomorphological and lithological studies of the accumulative
shore of the Sea of Okhotsk in the region of Okhotsk. Trudy
GOIN no. 34:93-141 '57. (MIRA 10:9)
(Okhotsk region--Seashore)

ZABELINA, E. K.

QMRSHANOVICH, D. Ye.; ZABELINA, E. K.

Experience in using colored sands in the shore zone of the
Sea of Okhotsk. Trudy GOIN no. 40:163-168 '57. (MIRA 10:7)
(Sea of Okhotsk--Sand bars)

MOROZOVA, O.K.; ZABELINA, O.I. (Moskva)

Work of the local organizations of the Scientific and Technical Society and All-Union Society of Inventors and Efficiency Promoters. Shvein.prom. no.4:40-42 JI-Ag '63. (MIRA 16:9)

ZABELINA, Galina Ivanovna

That was our beginning. Izobr.i rats. no.2:17-18 7 102.
(MIRA 15:3)

1. Predsedatel' soveta Vsesoyuznogo obshchestva izobretateley
i ratsionalizatorov Moskovskoy shveynoy fabriki No.9.
(Moscow Clothing industry)

ZABELINA, L.G.; NIKITINA, G.V.; ROMANENKO, V.N.; TUCHKEVICH, V.M.

Effect of heat removal through the ends of an ingot on the
results of zonal smelting. Inzh.-fiz.sbur. 5 no.3:81-83
Ag '62. (MIRA 15:11)

1. Fiziko-tekhnicheskii institut AN SSSR imeni A.F.Ioffe, Leningrad.
(Solutions, Solid) (Semiconductors—Thermal properties)

S/170/62/005/008/004/009
B104/B102

AUTHORS: Zabelina, L. G., Nikitina, G. V., Romanenko, V. M.,
Tuchkevich, V. M.

TITLE: Effect of heat abduction through the end of an ingot on zone
melting

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 8, 1962, 81-83

TEXT: The zone levelling of the impurity concentration distribution in Ge is studied. The germanium samples were purified by zone melting and then alloyed with various impurities. The composition was checked by measuring the resistivity and the Hall-emf. After some cycles of zone levelling the impurity distribution was measured (Fig. 1), which showed that the position of the zone strongly influences the impurity concentration. This is related to the heat balance in zone levelling. To ensure regular conditions the adoption of annular ingots is recommended. ✓
There is 1 figure.

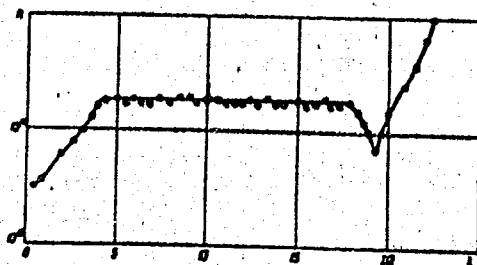
Card 1/2

Effect of heat abduction through the end... S/170/62/005/008/004/009
B104/B102

ASSOCIATION: Fiziko-tehnicheskiy institut AN SSSR imeni A. F. Ioffe, 8.
Leningrad (Physicotechnical Institute AS USSR imeni A. F.
Ioffe, Leningrad)

SUBMITTED: December 2, 1961

Fig. 1. Impurity distribution n (cm^{-3}) over the length l (cm) of a crystal.



Card 2/2

TOPACHEVS'KIY, O.V. [reviewer]; GOLLERBAKH, M.M.; POLYANSKIY, V.I.; ZABELINA, M.M.;
KISELEV, I.A.; PROSHKINA-LAVRENKO, A.I.; SHESHUKOVA, V.S. [authors].

Review of the "Guide to fresh-water algae of the U.S.S.R." (no.1: "Study of
fresh-water algae. General survey;" M.M.Gollerbakh, V.I.Polianskii; no.4:
"Diatomaceous algae;" M.M.Zabelina, I.A.Kiselev, A.I.Proshkina-Lavrenko,
V.S.Sheshukova). O.V.Topachevs'kiy. Bot.zhur.[Ukr.] 9 no.1:87-88 '52.
(MIRA 6:11)

(Algae) (Gollerbakh, M.M.) (Zabelina, M.M.)

ZABELINA M.M.

KURSAHOV, L.I., professor; ZABELINA, M.M.; MEYER, E.I.; ROLL, Ya.V.;
TSISHINSKAYA, N.I.; GRIBOVA, N.I.; tekhnicheskiiy redaktor.

[Classification of the lower plants; five volumes] 'Opredelitel'
nizshikh rastenii; v piati tomakh. Vol. 1 [Algae] Vodorosli.
Moskva, Gos. izd-vo 'Sovetskaya nauka,' 1953. 395 p. (MLA 7:11)
(Algae)

ZABELINA, M.M.

GOLLERBAKH, M.M., professor; KOSINSKAYA, Y e.K.; POLYANSKY, V.I., professor; MATVIYENKO, A.M.; ZABELINA, M.M.; KISELEV, I.A.; PROSHKINA-LAVRENKO, A.I.; ~~SHESHUKOVA, V.S.~~; POPOVA, T.G.; SAVICH, V.P., professor, zasluzhennyy deyatel's nauki RSFSR, redaktor; STRIGALNIKOVA, L.I., tekhnicheskij redaktor; GRIBOVA, M.P., tekhnicheskij redaktor; GUBER, tekhnicheskij redaktor; KHROSH, A.I., tekhnicheskij redaktor; KOROL'VA, L.I., tekhnicheskij redaktor.

[Guide to the fresh-water algae of the U.S.S.R.; in 14 volumes] Opredeletel' presnovodnykh vodoroslei SSSR; v chetyrnadtsati vypuskakh. Redaktsionnaya kollegiya: M.M. Gollerbakh, V.I. Polyanskiy, V.P. Savich (otv. redaktor) Moskva, Gos. izd-vo "Sovetskaya nauka." No. 2 [Blue-green algae] Sinezelenye vodorosli. 1953. 651 p. no. 3 [Chryseophyta] Zolotistye vodorosli, 1954. 187 p. No. 4 [Diatomaceae] Diatomovye vodorosli 1951. 618 p. No. 6 [Pyrrophyta] Pirofitovye vodorosli 1954. 211 p. No. 7 [Euglenophyta] Kvglenovye vodorosli 1955. 282 p. (MLRA 8:9)
(Algae)

~~ZABELINA, N.P.~~

ZABELINA, N.P.

Using the K-2 apparatus for determining lubricant shear stability.

Proizv. smaz. mat. no.1:41-47 '56.

(MIRA 10:11)

1. Leningradskiy neftemaslozavod imeni Shauanyana.
(Lubrication and lubricants--Analysis)

MESHCHANINOV, S.M.; ZABELINA, N.P.

Changes in the mechanical properties of commercial greases
when used in combination with each other. Proizv.sov.mat.
no.5:44-54 '59. (MIRA 13:4)

1. Leningradskiy opytnyy neftemaslosavod imeni Shauzyana.
(Lubrication and lubricants)

ZABELINA, N.V.

Seasonal day nursery. Fel'd. 1 akush. 28 no.5:6-10 My'63.
(MIRA 16:7)

1. Starshiy inspektor otдела yasley i domov rebenka Ministerstva
zdravookhraneniya RSFSR.
(DAY NURSERIES)

ZABELINA, N.V.

Work of Rostov District Public Health system of the R.S.F.S.R.
Zdrav. Ros. Feder. 5 no.8:39-41 Ag '61. (MIRA 14:10)
(YAROSLAVL PROVINCE--CHILDREN--CARE AND HYGIENE)

ZABELINA, R. F.

Increasing the durability of ceramic materials used on saline
soils. Shor. nauch. trud. NII po stroi. ASIA no.2:91-97 '61.
(MIRA 16:1)

(Uzbekistan—Ceramic materials)
(Uzbekistan—Saline and alkali soils)

ZABELINA, R. F.

A study of causes of the disintegration of building materials
of structures erected on saline soils of the Golodnaya Steppe.
Sbor. nauch. trud. NII po stroi. ASIA no.2:104-113 '61.
(MIRA 16:1)

(Golodnaya Steppe—Saline and alkali soils)
(Golodnaya Steppe—Building materials)

ZABELINA, R.F.; SALIDZHANOV, S.B.

Using water repellents to prevent the discoloration in masonry
and stucco. Sbor. nauch. trud. NIi po stroi. ASIA no. 4:78-83
'63. (MLRA 1748)

ZABELINA, R.F.

Increasing the durability of ceramic products subject to conditions
existing in the Golodnaya Steppe. Sbor. nauch. trud. Tashkent no. 5:106-
110 '63. (MIRA 18:1)

BOTVINA, L.M.; ZABELINA, R.F.; SALIDZHANOV, S.B.

Improving the quality of brick at the Kattakurgan plant for
the production of vibrated brick panels. Sber. nauch. trud.
NII po stroi. ASIA no.4:116-114 '63. (MIRA 17:8)

ZABELINA, T. M.

USSR/Geophysics - Insolation of hill slopes

FD-780

Card 1/1 : Pub 129-17/24

Author : Zabelina, T. M., and Zabelin,

Title : Influence of exposure (solar) and steepness of slopes upon the elements of the geographical medium

Periodical : Vest. Mosk. un., Ser. fizikomat. 1 yest. nauk, Vol 9, No 2, 125-134, Mar 1954

Abstract : Investigate the daily behavior of insolation on hill slopes for various exposures, steepness, and times at the latitude 52°17' (in East Bayan). Conclude that the various components of the geographic medium react differently to the variation in exposure (and steepness) of slopes.

Institution : --

Submitted : --

ZARELINA, T.M.; ZARELIN, I.M.

Effect of exposition and steepness of slopes on the elements
of geographical media. Vest. Mosk. un. 9 no.3:125-134 Kr '54.
(Solar radiation) (Physical geography) (MLRA 7:6)

USSR/Geophysics - Plant Distribution on Slopes
ZABELINA, T.M.

Card 1/1 : Pub. 129-16/25

Author : Zabelin, I. M., and Zabelina, T. M.

Title : Some information on the peculiarities of the distribution of vegetation on slopes of various curvature

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, Vol. 10, 153-158, Feb 1955

Abstract : The author considers the two extreme cases: dry regions (e.g. Issyk-Kul in the T'ien Shan Mountains) and strongly wet regions (e.g. East Sayan, Il'chir-Kitoy valley between the Tunka and Kitoy bare hills, valley of the river Irkut Gargan). He also discusses boundaries between plant associations. Three references.

Institution : -

Submitted : August 13, 1954

ZABELINA, T.N.

Riboflavin metabolism in Botkin's disease. Trudy ISQMI 50:56-60 '58.
(MIRA 12:1)

1. Kafedra propedavtiki vnutrennikh zabolevaniy (zav. - B.M. Ryss)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo inatituta.

(VITAMIN B₂, in urine

excretion after parenteral admin. in infect. hepatitis (Rus))

(HEPATITIS, INFECTIOUS, urine in

vitamin B₂ excretion after parenteral admin. (Rus))

ZABELINA, T.N.

The effect of riboflavin on certain liver function tests in Botkin's disease. Trudy ISGMI 50:61-69 '58. (MIRA 12:1)

1. Kafedra propedevtiki vnutrennikh zabolevaniy (zav. - prof. S.M. Ryss) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(VITAMIN B₂, effects

on liver funct. in infect. hepatitis (Rus))

(HEPATITIS, INFECTIOUS, physiology

liver funct., eff. of vitamin B₂ admin (Rus))

(LIVER, physiology

eff. of vitamin B₂ admin. on liver funct. in infect.

hepatitis (Rus))²

ZABELINA, T. N., Cand Med Sci -- "Role of riboflavin in the complex therapy of Botkin's disease." Len, 1960 (1st Len Med Inst im Academician I. P. Pavlov). (KL, 1-61, 207)

-382-

SOV/124-58-1-49

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 6 (USSR)

AUTHOR: Zabelina, Ye. I.

TITLE: On the Analog Simulation of the Motion of a Heavy Solid About a Fixed Point (O modelirovanii dvizheniya tyazhelogo tverdogo tela vokrug nepodvizhnoy tochki)

PERIODICAL: Tr. Donetsk. industr. in-ta, 1957, Vol 20, pp 15-19

ABSTRACT: The author points to the possible coincidence of the differential equations of the motion of a heavy solid having a fixed point with a set of equations for the same body set up for the action of a specially selected system of elastic forces.

P. A. Kuz'min

Card 1/1

ZABELINA, Ye. I.

124-11-12380

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, No. 11, p. 8 (USSR)

AUTHOR: Zabelina, Ye. I.

TITLE: On the Bobylev-Steklov Motion of a Rigid Body about a Fixed Point,
(O dvizhenii tverdogo tela vokrug nepodvizhnoy tochki v sluchaye
Bobyleva-Steklova)

PERIODICAL: Tr. Donetsk. industr. in-ta, 1957, Vol 20, pp 11 - 13

ABSTRACT: The paper fails to offer any new results, since the motion characterized by a linear partial integral ($q=0$ in the paper) has been investigated by S. A. Chaplygin in his work "The Linear Partial Integrals of the Problem of the Motion of a Rigid Body Supported in a Single Point" (Collected Works, Vol. I, 1948). The formulas contain typesetting errors.
V. N. Skimel'

Card 1/1

DURNEV, V.D.; ZABELINA, Ye.M.

Determination of the thickness tolerance of electrical steel. Zav.lab.
29 no.12:1455-1456 '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skogo elektromekhaniki, Leningradskiy filial.

BERG, A.I., glav. red.; TRAPEZNIKOV, V.A., glav. red.; BOCHAROVA,
M.D., kand. tekhn. nauk, st. nauchn. red.; DELONE, N.H.,
inzh., st. nauchn. red.; BARANOV, V.I., nauchn. red.;
ZABELINA, Ye.P., mlad. red.; FAVLOVA, T.I., tekhn.red.

[Automation of production processes and industrial
electronics; encyclopedia of modern technology] Avtomati-
zatsiia proizvodstva i promyshlennnaia elektronika; entsi-
klopediia sovremennoi tekhniki. Glav. red. A.I.Berg i
V.A.Trapeznikov. Moskva, Sovetskaiia entsiklopediia.
Vol.2. K - Pogreshnost' izmereniia. 1963. 528 p.
(MIRA 16:12)

(Automation--Dictionaries)
(Electric engineering--Dictionaries)

SOV/81-59-7-22510

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 7, p 62 (USSR)

AUTHORS: Khalilov, Kh.M., Zabelina, Yu.Yu.

TITLE: The Dependence of the Viscosity of a o-Xylene-Hexane Mixture on the Temperature and the Concentration of the Components

PERIODICAL: Tr. In-ta fiz. i matem. AS AzerbSSR, 1958, Vol 9, pp 124 - 127 (Azerb. summary)

ABSTRACT: The absolute viscosity (η) of the liquid phase and of saturated vapors of the binary mixture: o-xylene-hexane was measured. The measurements were carried out by the methods described earlier (Kh.M. Khalilov, Zh. tekhn. fiziki, 1938, Vol 8, Nr 13 - 14, 1249) at 20 - 300°C. The dependence curves of η of the mixture on the composition and the temperature were plotted. η decreases with an increase in the hexane concentration. The presence of a linear dependence between the critical temperatures of the components and their mixtures was established. The higher is the

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