

SUBBOTIN, M.I. (Moskva)

Inertia speed transducer (velocimeter). Izv.AN SSSR. Otd.tekh.nauk.
Mekh.i mashinostr. no.5:147-149 S-O '60. (MIRA 13:9)
(Speedometers)

SUBBOTIN, M.I. (Moskva)

Precision of the recording of pulsed accelerations. Izv.AN
SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.3:153-155 My-Je '63.
(MIRA 16:8)
(Accelerometers)

L 34067-66 EWT(1)

ACC NR: AP6013015

SOURCE CODE: UR/0410/66/000/001/0100/0102

AUTHOR: Subbotin, M.I. (Moscow)

ORG: none

TITLE: The measurement of certain parameters of the acceleration pulse

SOURCE: Avtometriya, no. 1, 1966, 100-102

TOPIC TAGS: acceleration measurement, electronic circuit, pulse analyzer

ABSTRACT: In the measurement of shock acceleration, the entire shape of the applied impulse is usually not registered; the registration is confined only to certain parameters sufficient for particular practical purposes (thus relieving some of the strain imposed on communication channels). When the acceleration pulse is smooth, its maximum value and duration may be registered. For the case of nonmonotonic pulses, the author proposes the use of the average value of the pulse as a substitute characteristic parameter. The determination of the average can be carried out by a circuit, proposed earlier by the author (Pribor dlya izmereniya udarnykh uskoreniy, Peredovoy nauchno-tehnicheskii i proizvodstvennyy opyt, M., TsITEIN, 1962, No P-62-18/4) which determines simultaneously the average value of the pulse and its duration. This information is supplemented by the measurement of the maximum of the pulse carried out by a circuit shown in Fig. 1. Orig. art. has: 3 formulas and 2 figures.

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UDC: 621.317.326+531.768

SUBBOTIN, M. V.

Opornye prisoobleniia pri staticheskikh ispytaniakh aviatsionnykh konstruktsii. Moskva, 1938. 18 p., illus., (part. fold.) (TSAGI. Trudy, no. 388)

Title tr.: Supporting fixtures used in static load tests of aircraft structures.

QA911.M65 no. 388

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

SUBBOTIN, M.Ya.

Cellular limits of mesothelium and endothelium, Doklady Akad nauk
SSSR 85 no. 5:1159-1160 11 Aug 1952. (CLML 23:3)

1. Presented by Academician A. I. Abrikosov 13 June 1952. 2. First
Moscow Medical Institute.

SUB30TIN, M.Ya.

Mesothelial and endothelial stomata and their relation to the
processes of absorption. Arkh. anat., Moskva 30 no. 1:73-78
Jan-Feb 1953. (GLML 24:2)

1. Of the Department of Histology and Embryology (Acting Head
-- Docent A. V. Anikin), First Moscow Order of Lenin Medical Insti-
tute.

SUBROTEIN, M. Ya.

Interaction of endoplasm and ectoplasm of mesothelial cells under the action of harmful agents. M. Ya. Subrota (*S. R. Acad. Sci. U. S. S. R.* 1953, 90, 1147-1150). In intact peritoneal mesothelial cells, in which hematoxylin staining does not normally distinguish endoplasm from ectoplasm, a clear distinction is found (endoplasm more darkly stained) 2 hr. after introducing harmful agents (5% "aluminum" or 1% "Berlin blue") into the peritoneal cavity. After 24 hr. the darkly stained "endoplasm" is found to be broken up into granules and threads spread throughout the whole cytoplasm. G. S. HAINLEY.

SUBBOTIN, M. Ya.

[Histological techniques; manual for schools of medical laboratory assistants] Gistologicheskaya tekhnika; posobie dlia shkol meditsinskikh laborantov. Moskva, Medgiz, 1954. 165 p.
(Histology--Laboratory manuals) (MIRA 8:2)

SUBBOTIN, M.Ya.

Lymphatic vessels in the epiploon of rabbits. Dokl.AN SSSR 95 no.5:
1097-1099 Ap '54. (MLRA 7:4)

1. Pervyy Moskovskiy meditsinskiy institut.
Predstavleno akademikom A.I.Abrikosovym. (Lymphatics) (Omentum)

SUBBOTIN, Mikhail Yakovlevich

(Novosibirsk Med Inst) - Academic degree of Doctor of Medical Sciences, based on his defense, 7 March 1955, in the Council of the First Moscow Order of Lenin Med Inst, of his dissertation entitled: "Materials for the Functional Morphology of Hemochorial Placentae."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 1, 7 Jan 56, Byulleten' MVO SSSR, Uncl.
JPRS/NY-548

B-4

USSR/General Biology - Individual Development.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 33384

Author : Subbotin, M.Ya.
Inst : ~~Moscow Medical Inst.~~ and 1st Moscow Medical Inst.
Title : Vital Staining of Allantoid and Yolk Placenta of Rodents.
(O vitalnom okrashivani allantoidnoy i zheltotchnoy plat-
sent u gryzunov).

Orig Pub : Dokl. AN SSSR, 1956, 109, No 2, 384-386

Abstract : After administration of trypan blue and lithium carmine to pregnant female rabbits and rats, a study was conducted on the distribution of these staining agents in different types of placental cell elements. In the placental cytotrophoblast of rats and rabbits trypan blue and lithium carmine are not deposited at all or very tiny granules of these staining agents are noted. It is characteristic of syncytial trophoblasts of all sections of the placenta that abundant deposits of small intensely

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SUBBOTIN, M. Ya.

"Effect of Partial Removal of the Cortex on Permeability of the Allantoid and
Vitelline Placentae in Rodents,
p. 207

from the book "Effect of Higher Divisions of the Nervous System on Processes
on Inflammation and Regeneration," edited by V. G. Yeliseyev,
Trudy 1-go Moskovskogo Ordena Leina Meditsinskogo Instituta imeni I. M. Sechenova
Vol. 2, Moscow, 1957, 249 pp.

SUBBOTIN, M.Ya.

Influence of a partial removal of the cerebral cortex on the
permeability of the allantoic and vitelline placentas in rodents.
Trudy 1-go IMI 2:207-224 '57. (MIRA 12:10)
(CEREBRAL CORTEX) (PLACENTA--PERMEABILITY)

SUBBOTIN, M. YA.

USSR/General Biology - Individual Development.

Issued : Ref Zhur - Biol., No 5, 1958, 19000

Author : Subbotin, M. Ya.

Instit :

Title : Excretory Function of Placental Epithelium.

Orig : Byul. eksperiment. biol. i meditsiny, 1957, No 1, 118-120

Abstract : A 1% solution of indigocarmine was introduced into the tissues of rabbits' and white rats' fetuses, and a study was made of its distribution in the placental (F) trophoblast and in the amniopleura at different stages of the second half of pregnancy. Excretion was observed of indigocarmine by chorionic F syncytia into the maternal organism's blood. Indigocarmine was found in a smaller quantity in the epithelium of the F yolk. Similar results were obtained in the application of the xanthidrol reaction (Shtubei method) on urea. Excretion of fetal metabolic products is accomplished by chorionic trophoblast or the allantoic F,

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Subbotin M. Ya.
EXCERPTA MEDICA Sec 10 Vol 12/5 Obstetrics May 59
VOLUME - BOMUDAY (XVIII, 0, 10)

745. CHANGES OF THE PLACENTA IN PREGNANT WOMEN WITH NEPHROPATHY (Russian text) - Keilin S. L., Subbotin M. Ya., Leitan V. I. and Cheremnykh L. N. - AKUSH. I GINEK. 1958, 5 (65-69) Illus. 3
The article gives a comparative analysis of the clinical course of nephropathy and histochemical changes of the placenta in 35 parturients affected with nephropathy. The content of highly polymeric acid mucopolysaccharides in the connective tissue stroma of chorionic villi increases with the severity of the illness. An especially large quantity of highly polymeric mucopolysaccharides (hyaluronic acid in particular) is seen in the stroma of chorionic villi in severe forms of nephropathy; the mucopolysaccharides are revealed in all villi near infarctions, in the form of coarse granular fibrous formations, thickly interlaced.

from chair obstetrics and gynecology & chair of histology (Msk, Prof. M. Ia. Subbotin, Novosibirsk Medical Institute.

INDEX

reports to be submitted to the
1st Intl Congress of Histo-
chemistry and Cytochemistry,
Paris, France, 28 Aug-3 Sep '60.

MEYER, V. Ya. - "The nucleic acids of the nerve cell's nucleus and cytoplasm"
MEYER, V. Ya., VIKHAROV, V. V. and SHUBOV, X. Ya. - "Histochemistry of extramembranous connective tissue in pathological conditions"
MEYER, V. Ya. - "Some aspects of carbohydrate metabolism of the transitional epithelium"
CHIRIKOVA, G. B. - "The studies on the cell cytoplasmic proteins with the aid of phenol fractionation procedure"
CHIRIKOVA, G. B., MEYER, V. Ya., SHUBOV, V. M., BARSUKY, I. Ya. and GURKOVA, A. V. - "Ultraviolet fluorescence microscopy as a new field of histochemistry"
KRYAZOVA, G. B. - "Histochemical characteristics of aliphatic polynucleotides"
KRASNOV, I. B. - "The detection of sulphydryl groups of proteins by means of the inhibitory indicator (bromocresol purple) method"
MILGROM, F. - "Cytological and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins"
CHIRIKOVA, G. B. - "The evolution of the protein-synthesizing apparatus of the connective tissue in the development of rheumatic process"
KULON, A. L. - "Histochemical contribution to the study of H-mesophallo-hypophyseal secretion"
KOROTKOV, V. V. - "Some mechanisms controlling the chemical activity of the neuron mitochondria"
[A summary of this report has been received by the organizers of the Congress and is included in Group I]
Aspects of histochemistry and the nervous system (this is a proposed report of which the exact title is as yet unknown. It is listed by general subject under Group III)
KOROTKOV, V. V. - "Histochemistry in experimental direct chemotherapy"
KOROTKOV, V. V. - "Comparative histochemistry of nervous centers in their function"
KOROTKOV, V. V. - "Presence of ribonucleoproteins in situ"
KOROTKOV, V. V. - "In situ localization of different animal cells and their functional importance" and "Cytological and histological peculiarities of nerve tissues"
KOROTKOV, V. V. - "Biological organization of connecting tissues in the light of recent pathological studies"
KOROTKOV, V. V. - "A comparative physical and chemical characteristic of proteolysin and collagenase"
KOROTKOV, V. V. - "Histochemical studies of the connective tissue changes observed in the course of development of induced sarcoma in rats"
KOROTKOV, V. V. - "Proteinic and nucleic composition of such tissues"
KOROTKOV, V. V. and KOROTKOV, V. A. - "On the role of cell nucleus and its fractions in protein synthesis measured by the incorporation of labeled amino acids"

VINOGRADOV, V.V.; DONSKIKH, N.V.; SUBBOTIN, M.Ya.; CHEREMNYKH, L.P.

Comparative evaluation of the methods of histochemical detection of mucopolysaccharides in the tissues of provisory organs of man and mammals. Arkh. anat. gist. i embr. 42 no.1:103-109 Ja '62.

(MIRA 15:4)

1. Kafedra gistologii (zav. - prof. M.Ya. Subbotin) Novosibirskogo meditsinskogo instituta. Adres avtorov: Novosibirsk, Krasnyy prosp., 58, Kafedra gistologii i embriologii Novosibirskogo gosudarstvennogo meditsinskogo instituta.

(POLYSACCHARIDES)

(CONNECTIVE TISSUES)

L 32697-66 EWT(1) SCTB DD

ACC NR:

AP6015232

(N)

SOURCE CODE: UR/0410/65/000/002/0003/0010

AUTHORS: Kaznacheyev, V. P. (Novosibirsk); Kuznetsov, P. G. (Novosibirsk);
Nabiulin, M. S. (Novosibirsk); Subbotin, M. Ya. (Novosibirsk)

65

ORG: none

B

TITLE: Some problems of quantum biology and problems of information transmission
in biologic systems

✓
SOURCE: Avtometriya, no. 2, 1965, 3-10

TOPIC TAGS: biology, quantum theory, tissue physiology, cell physiology, information storage and retrieval, information theory, data transmission, photon, blood

ABSTRACT: Theoretical prerequisites for information transmission in biologic systems by means of quantum fluxes are given. The ultraweak luminosity of blood and a nerve is recorded with a photon counter. The problem includes mechanisms for coding various factors of the medium in quantum fluxes and recording this information in chemical structures and mechanisms for retrieving the recorded quantum information from the chemical structures and utilizing this information in enzymatic-synthetic processes. Comparison of data on physics, chemistry, and information theory with experiments in mitogenetic research indicates the possibility of the existence of a highly efficient system of information transmission

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UDC: 57+61:62.506.2

L 32697-66

ACC NR: AP6015232

in biologic systems with a rate of about 10^{20} bits/sec per watt of consumed energy; the possibility of coding this information in chemical structures of varying complexity; and the possibility of effective conversion of this information to electric signals. The effect of one tissue culture on the growth of another through quartz glass is shown. Possible ways of using the mechanism of quantum information in technical devices are shown.

SUB CODE: 06/ SUBM DATE: 13Jan65/ ORIG REF: 033

Card 2/2 BLG

SUBBOTIN, N.

Explorers of the future are attaining new frontiers.
Metallurg 6 no.7:30-32 J1 '61.

(MIRA 14:6)

1. Cherepovetskiy metallurgicheskiy zavod.
(Cherepovets---Metallurgical plants)

SUBBOTIN, N., inzhener-ekonomist

How to alleviate the seasonality of harbor operations. Rech.
transp. 21 no.10:12-13 0 '62. (MIRA 15:10)

(Harbors)
(Inland water transportation)

SUBBOTIN, N.A.; VASIN, Yu.P.

Ease of shakeout of sand mixtures with sodium silicate. Lit.
proizv. no.12:5-6 D '61. (MIRA 14:12)
(Sand, Foundry--Additives)

BALZHI, M.F.; BEREZKIN, P.N.; GOL'DSHTEYN, Ya.Ye.; GAL'PERIN, Ye.B.;
YEDLICHKO, V.V.; KERAS, A.F.; LEKUS, I.D.; POTEKUSHIN, N.V.;
POZDNYSHOV, V.M.; SUBBOTIN, N.A.; SAVINTSEV, R.I.; TAMAROVSKIY,
V.M.; SHEREMET'YEV, A.D.; BAKSHI, O.A., kand. tekhn. nauk,
retsenzent; BONDIN, Ye.A., inzh., retsenzent; BOYKO, F.I., inzh.,
retsenzent; VASIN, Yu.P., inzh., retsenzent; LAZAREV, A.A., inzh.,
retsenzent; SOROKIN, A.I., inzh., retsenzent; KON'KOV, Arkadiy
Sergeyevich, dots., red.; DUGINA, N.A., tekhn. red.

[Economy of metals in the machinery industry] Ekonomiya metallov
v mashinostroyeni. [By] M.F. Balzhi i dr. Moskva, Mashgiz, 1962.

235 p.

(MIRA 16:2)

(Machinery--Design and construction)

(Metals, Substitutes for)

SUBBOTIN, N.A.

Natural dust-like quartz from deposits of the Southern Urals. Lit. proigv.
no.4:39-40 Ap '63. (MIRA 16:4)
(Ural Mountains--Quartz) (Sand, Foundry)

SUBBOTIN, N.A.

Reorganizing river ports for year-round work. Trudy
TSNIIEVT no.37:36-45 '65.

Working out the basis for an intraport plan of loading
and unloading operations using the simplex method of
linear programming. Ibid.:58-85 '65.

(MIRA 18:12)

SUBBOTIN, N.N., inzh.

Bukhtarna Hydroelectric Power Station is being put in operation.
Gidr. stroi. 30 no.11:15-17 N '60. (MIRA 13:10)
(Bukhtarna Hydroelectric Power Station)

SUBBOTIN, N.P., inzhener-mekhanik.

For the introduction of overall mechanization in cotton mills.
Tekst.prom. 16 no.5:41-43 My '56. (MLRA 9:8)
(Cotton machinery)

25(5)

SOV/118-59-2-15/26

AUTHOR: Subbotin, N.P., Engineer

TITLE: In Textile Plants of the Ivanovo Sovnarkhoz (Na tekstil'nykh fabrikakh Ivanovskogo sovnarkhoza)

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959, Nr 2, pp 44-47 (USSR)

ABSTRACT: The author deals with the mechanization level achieved in the textile enterprises of the Ivanovo Sovnarkhoz. During recent years, a high mechanization standard has been reached with 25 km of ropeways built. Some enterprises have introduced continuous transportation means (conveyers, transporters, etc). The use of pneumo-transportation is spreading, and various new kinds of equipment have been introduced (truck-mounted and electric loaders, trolley cars, electric platform trucks, etc). The Ivanovskiy melanzhevyy kombinat (the Ivanovo Melange Combine) uses electric trains for the stacking and transportation of cotton bales. At the beginning of 1958, 1,100 workers lost their jobs due to new mechanization methods. The mechanization level, however,

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SOV/118-59-2-15/26

In Textile Plants of the Ivanovo Sovnarkhoz

is still low. The mechanization of transportation operations e.g. affects only 15-40%. The Fabrika "Krasnaya Talka" ("Krasnaya Talka" Plant) uses a narrow-gage platform with cable drive for the transportation of cotton bales, and the plants imeni Balashov and "Krasnaya vetka" use electric cars of the EK-2 type. Other plants use special carriages with dump trays. The Furmanovskaya fabrika No 2 (Furmanov Plant Nr 2) uses monorail ropeways, designed by Giprotekstil'-prom, balance gears, dragging devices, double-chain elevators, trolley conveyers, etc. A ropeway with cradle is used at the Furmanov Plant Nr 2 for the removal of canvas. The Plant imeni Nogin and the Ivanovo Melange Combine use an electric tow car coupled with suspension carriages. Ardamakov from the Kineshems-kaya fabrika Nr 2 (Kineshma Plant Nr 2) has invented an automatic device, removing tops from spinning machine spindles within 30 seconds. The Ivanovo Sovnarkhoz has decided to equip 50 spinning machines with

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In Textile Plants of the Ivanovo Sovnarkhoz

this device. The "Krasnaya vetka" Plant has developed a mechanized installation for the loading of yarn into railroad containers instead of wooden boxes. The enterprises of the Upravleniye khlopchatobumazhnoy promyshlennosti Ivanovskogo sovnarkhoza (Cotton Industry Management of the Ivanovo Sovnarkhoz) have 63.5 % of their spinning machines equipped with staple-catchers (mychkoulovitel'). In some plants ("Krasnaya talka", imeni Varentsova, imeni Dzerzhinskiy and Novo-Gorkinskiy) all spinning machines are equipped with staple-catchers. Several plants have introduced automatic dust blowers. For hoisting and moving warping spindles, monorail ropeways with electric telfers or chain pulley blocks are used. The Ivanovo Melange Combine uses the re-equipped 4004 battery loader with trailers for transportation (as prime mover). Existing mechanical spinning machines are being successively replaced by automatic machines. Some plants have introduced air conditioning. The most interesting recent innovations

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In Textile Plants of the Ivanovo Sovnarkhoz

are: a mechanized chemical installation at the Tsekh otchel'ki vel'vetkorda na Rodnikovskom melanzhevom kombinat (Velveteen Cord Finishing Plant of the Rodniki Melange Combine) for the manufacturing of dye solutions; a rotary belt conveyer for the transportation of raw material at the Fabrika im. rabochego Fedora Zinov'yeva (Plant imeni the Worker Fedor Zinov'yev); a hydraulic elevator at the BIM Plant; and container centers at the Teykovskiy (Teykovo) and Rodniki Combines for forwarding finished products. For feeding boilers, removing slag, loading and unloading lumber, wood waste, peat, etc, electric telfers, pneumatic devices, belt conveyers, grab cranes, ropeways, etc, are used. A suspension railroad (according to the project of Giprotekstil'prom) has been installed at the Ivanovo Melange Combine and furnished with electric telfers TV-1, pneumatic switch and a hanging scales

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SOV/118-59-2-15/26

In Textile Plants of the Ivanovo Sovnarkhoz

VAM-2. The author also mentions the use of small battery tow cars of ET-1500 type and the electric telfer TV-3. There are 3 diagrams, and 3 photographs.

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SUBBOTIN, N.P., assistant

X-ray therapy in calcaneal spurs. Kaz.med.zhur. 40 no.4:64-67 J1-AE
'59. (MIRA 13:2)

1. Iz 1-y kafedry rentgenologii i radiologii (zaveduyushchiy - prof.
M.Kh. Fayzullin) Kazanskogo Gosudarstvennogo instituta dlya spetsiali-
zatsii i usovershenstvovaniya vrachey imeni V.I. Lenina (GIDUV).

(HEEL BONE--ABNORMITIES AND DEFORMITIES)

(X RAYS--THERAPEUTIC USE)

FAYZULLIN, M.Kh., prof.; SUBBOTIN, N.P. (Kazan')

X-ray anatomy of the dura mater processes and venous sinuses
and its practical significance. Vop. neirokhir. 27 no.1:13-18
Ja-F '63. (MIRA 16:5)

1. Iz Pervoy kafedry rentgenologii i radiologii Kazanskogo in-
stituta usovershenstvovaniya vrachey.
(DURA MATER--RADIOGRAPHY)

SUBBOTIN, N.P.

Projection X-ray anatomy of the brain lobes. Vop. neirokhir. 28
no.6:36-40 N-D '64. (MIRA 18:4)

1. 1-ya kafedra rentgenologii i radiologii (zav. - prof. M.Kh.
Fayzullin) Kazanskogo instituta usovershenstvovaniya vrachey.

SEBASTIAN, H.S.

... plant of Communist Labor. Metallurg No. 3. Ag. '64.

(MIRA 1802)

1. Vlen proizvodstvenn massovoy komiteta zavodskogo komiteta
professional'nogo soyusa rabotnikh metallurgicheskoy promyshlennosti
Narodnogo venskogo metallurgicheskogo zavoda.

BARANOV, V.A.; SUBBOTIN, N.Ye.

Technology of repairing plunger bushings of fuel pumps. Trakt.
i sel'khoz mash. 33 no.5:43-44 My '63. (MIRA 16:10)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

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Card 2 2

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UDALOV, A.; SUBBOTIN, P.

Successful beginning. Sov. profsoiuzy 6 no.5:29-32 My '58.
(MIRA 11:5)

1. Predsedatel' komiteta profsoyuza Saratovskogo podshipnikovogo
zavoda (for Udalov). Nachal'nik otдела truda i zarabotnoy platy
zavodoupravleniya Saratovskogo podshipnikovogo zavoda (for Subbotin).
(Production standards)

SUBBOTIN P.M.

GRIGOROV, N.D., kand. ekon. nauk; DEMIDOVA, I.A., kand. ekon. nauk; LEGKOSTUP, I.M., kand. ekon. nauk; MAKSYMOV, T.M., kand. ekon. nauk; TERESHINA, N.Ya., kand. ekon. nauk; LIZINA, A.I., kand. ist. nauk; BURDAKOVA, A.P.; BELYAYEV, Yu.B., prepodavatel' vysshikh uchebnykh zavedeniy; LYUBIN, V.A., prepodavatel' vysshikh uchebnykh zavedeniy; IVANOV, N.A., lektor; KUZ'MICHEV, V.S., lektor; SUBBOTIN, P.M., lektor; RAPPOPORT, G., red.; GRIN', Ye., tekhn. red.

[Development of the economy and culture of the Altai Territory during 40 years of the Soviet regime] Razvitie ekonomiki i kul'tury Altayskogo kraia za 40 let sovetskoi vlasti. Barnaul, Altaiskoe knizhnoe izd-vo, 1957. 229 p. (MIRA 11:5)

1. Zaveduyushchiy krayzdravotdelom Altayskogo kraya (for Burdakova).
2. Altayskiy kraykom Kommunisticheskoy partii Sovetskogo Soyuza (for Ivanov, Kur'michev, Subbotin).

(Altai Territory—History)

SUBBOTIN, S.

A significant contribution to the study of the cosmos.
Prilada Bulg 13 no.3172/73 My-46 '64.

1. Corresponding Member of the Academy of Sciences of the U.S.S.R.
and Director of the Institute of Theoretical Astronomy.

SUBBOTIN, S.A., inzh. (Chelyabinsk)

Organizing traffic planning on electrified railroad sections.
Zhsl.dor.transp. 42 no.1:73-77 Ja '60. (MIRA 13:5)

1. Zamentitel' nachal'nika otдела dvizheniya Chelyabinskogo
otdeleniya dorogi.
(Chelyabinsk--Electric railroads)

SUBBOTIN, S.A., inzh.

Utilization of the potentials for the acceleration of car flow movements. Zhel.dor.transp. 45 no.9:71-75 S '63. (MIRA 16:9)

1. Nachal'nik otдела dvizheniya Chelyabinskogo otdeleniya Yuzhno-Ural'skoy dorogi.
(Railroads—Management)

30

The preparation of colloidal silica acid as an active filler for rubber. S. A. Subbotin and A. N. Lukyanichikov. *Soviet. Kauchuk* 1934, No. 1, 34-5. By the action of NaHCO_3 in the presence of Na_2CO_3 on Na silicate a very fine colloidal silica acid was obtained. With 60% by wt. of this silica acid in the mixt. Na butadiene rubber (BR), S 4, "Rubberax" 5, nitric acid 2.5, diphenylguanidine 1, the tensile strength was 121 kg. per sq. cm., whereas with 65 of gas black in its place the strength was only 82 kg. per sq. cm. The authors suggest using, for the prepn. of silica acid, the siliceous residue from the manuf. of Al.

A. Pestoff

The resiliency in sodium bityl rubber. S. V. Lebedev, S. A. Subbotin and A. E. Evstratov. *Trudy Gosudarst. Opit. Zavoda Sintet. Kautchuka Litera B. 111* (Sovetsk. Rubber 85 100:1034) Tamp black, C black, clay, MgO and $MgCO_3$ improve the properties of Na bityl rubber, the improvement decreasing in the order given. ZnO is an inferior filler. Best results with the permanent deformation of the vulcanized Na bityl rubber were obtained with C black, MgO and ZnO . The highest permanent deformation of vulcanized rubber was obtained with clay and $MgCO_3$. A. A. Bochtling.

AS 51.51.4 METALLURGICAL LITERATURE CLASSIFICATION

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The resistance of sodium bitynol rubber to abrasion.
S. V. Leberlev, S. A. Subbotina, T. L. Zingerevich and V.
D. Strebkov. *Trudni Gosudarst. Opust. Zarubei. Sintet.*
Kauchuka Latexa B. III. Synthetic Rubber 100-4 (1934)
The synthetic product is stronger than natural rubber.

The resistance of vulcanized Na bitynol rubber increases
with the time of the vulcanization. The expts. are
described. A. A. Bozhilovsk

ASB 51.4 METALLURGICAL LITERATURE CLASSIFICATION

Regenerating rubber S. A. Subbotin, V. A. Andreev
and F. A. Vergiles. Russ. E3,152, May 31, 1955. Rub-
ber is regenerated by means of the hydrocarbon fraction
B-140-80" which is formed in the process of butadiene
olefin by the S. D. Tchebulev method

ASS. SLA METALLURGICAL LITERATURE CLASSIFICATION

The action of high temperatures on vulcanized sodium butynyl rubber. S. V. Lebedev, S. A. Subbotin and G. I. Angakova. *Trudy Gosudarst. Opyt. Zool.-Khim. Kon. Angakova. Trudy Gosudarst. Opyt. Zool.-Khim. Kon. Angakova, Lening. B. 11. Synthetic Rubber 1955, 72 K4.*

Changes in Na-butynyl rubber after vulcanization are described. It acquires great mech. strength on heating, but loses easily its original elasticity. The temp. limits for these changes are considerably higher than those of natural rubber. Vulcanized Na-butynyl rubber is very resistant to O₂ when heated. With low S the rubber retains its elastic properties on heating. A. A. H.

ASME.SLA METALLURGICAL LITERATURE CLASSIFICATION

CA 30

The action of high temperatures upon vulcanized sodium-butadiene rubber. S. V. Lebedev, S. A. Subbotin and G. I. Buchakov. *J. Rubber Ind. (U. S. S. R.)* 12, 52-61 (1935).—Vulcanizates from natural and synthetic rubbers were heated in air and in N in ampoules at 70°, 100° and 150° for different lengths of time (2-240 hrs.). Natural rubber lost its elastic properties and tensile strength, e. g., from 274 to 98 kg./sq. cm. after 100 hrs. at 150° in N. Na-butadiene rubber washed free of Na lost its elastic properties, but its tensile strength remained practically unchanged or even increased, e. g., 84 to 103 kg./sq. cm. after 100 hrs. at 150° in N. The tensile strengths after heating in air at 150° for 12 hrs. were: for natural rubber 18 kg./sq. cm., and for Na-butadiene rubber 97 kg./sq. cm. A. N. Pestoff

ASH 55.4 METALLURGICAL LITERATURE CLASSIFICATION

CIA-RDP86-00513R001653710020-6

CONFIDENTIAL

CIA-RDP86-00513R001653710020-6"

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CIA-RDP86-00513R001653710020-6

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653710020-6"

SUPROTIN, S. A., SA'OLETOVA, V. V., and SNAMENSKAYA, A. K.

"Properties of the new SKI rubber," a paper presented at the 9th Congress on the Chemistry and Physics of High Polymers, 28 Jan-2 Feb 57, Moscow, Rubber Research Inst.

B-3,084,395

YAKUBCHIK, A.I.; SUBBOTIN, S.A.; GROMOVA, G.N.

Effect of hydrogenation on the characteristics of rubbers.
Kauch. i rez. 16 no.7:12-16 JI '57. (MIRA 10:10)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo
kauchuka im. S.V. Lebedeva.
(Rubber) (Hydrogenation)

VOTINOV, M.P.; SUBBOTIN, S.A.; SAMOLETOVA, V.V.; KOPYTOVSKAYA, S.P.; KUVSHINSKIY, Ye.V.

Investigating the crystallizability of "SKI" vulcanized rubber by the method of adiabatic stretching. *Vysokom.soeed.* 1 no.7:1016-1020 J1 '59.
(MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka.

(Rubber, Synthetic)

L 13574-6

EWB(j)/EFF(c)/LMT(m)/BDS Pc-L/Pr-L RM/WH

ACCESSION NR: AP3000188

S/0080/63/036/004/0870/0875 65

AUTHOR: Subbotin, S. A.; Zy'kova, S. K.; Stolyarov, B. V. 64

TITLE: Investigation of inhibited oxidation of octene-2 with molecular oxygen in the presence of 2,6-ditertiary butyl-4-methyl phenol (ionol) 1

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 4, 1963, 870-875

TOPIC TAGS: octene-2, ionol

ABSTRACT: Oxidation reactions were run on octene-2 with molecular O in continuously circulating systems at 80 and 100 degrees with and without antioxidant to explain reaction mechanism, determine activation energy and equilibrium kinetics, and to investigate the behavior of the antioxidant. In the oxidation of octene-2, the O is added at the double bonds and at the C-atom in the alpha-methyl position with respect to the double bond. Activation energy equals 23.3 kcal per mol. The oxidation products are the bright orange stilbene quinoid type compounds, stilbene quinone, and stilbene hydroquinone. Ionol (2,6-ditertiary butyl-4-methyl phenol) decreases, and in the proportion of 5% inhibits the induction of oxidation for a substantial time;

Card 1/2

1 1957.143

ACCESSION NP: APY00186

if it is added after oxidation is in progress, it has no significant effect on the subsequent oxidation process. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: Vsesoyuzny'y nauchno-issledovatel'skiy institut sinteticheskogo kauchuka imeni S. V. Lebedeva (All-Union Scientific-Research Institute for Synthetic Rubber)

SUBMITTED: 25Nov61

DATE ACQ: 12Jun63

ENCL: 00

SUB CODE: CH

NO REF SOV: 011

OTHER: 012

Card 2/2

SUBBOTIN, S.A.; ZYKOVA, S.K.; STOLYAROV, B.V.

Effect of the products of the transformation of 2,6-ditert-butyl-4-methylphenol (ionol) on the process of the oxidation of 2-octene.
Zhur. prikl. khim. 36 no.4:875-881 Ap '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo
kauchuka imeni S.V. Lebedeva.
(Cresol) (Octene) (Oxidation)

USSR, S.A., inch. (Moscow)

Uniform norms and mutual assistance. (Sov. doc. trans., 46 no. 10:
55-57 0 164. (MIRA 17:11)

IOKTON, A.I. (Chelyabinsk); SUBBOTIN, S.A. (Chelyabinsk)

Accelerating the turnover of local cars. Zhel. dor. transp.
47 no. 11:27-30 N '65 (MIRA 19:1)

1. Nachal'nik sluzhby dvizheniya Yuzhno-Ural'skoy dorogi
(for Iokton). 2. Zamestitel' nachal'nika sluzhby dvizheniya
Yuzhno-Ural'skoy dorogi (for Subbotin).

USSR/Virology - Viruses of Man and Animals.

D-3

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 26186

Author : Subbotin, S.F.

Inst :

Title : The Problem of Rare Viral Afflictions of the Nervous System (Landri Paralysis)

Orig Pub : Tr. Nauch.-prakt. knoferentsii nevroptol. i psikhiatrov Pribatiyskikh respublik. 1954, Riga, 1956, 399-400

Abst : No abstract.

Card 1/1

Subbotin, S. I.

Subbotin, S. I. "Results of gravimetric studies on the Zakarpatt'e region of the Ukrainian SSR and its geological interpretation," Trudy L'vivsk. geol. o-va pri Gos. un-ta im. Kuvshina, Seriya geolozh. nauk, Issue 1, 1942, p. 72-78

SC: 6-3850, 12 June 42, (Letopis 'Zhurnal 'nakh Statey, No. 5, 1949).

Subbotin, S. I.

Subbotin, S. I. "On the problem of the connection of the L'vov syncline with the Dneprovsk-Donets depression," Trudy L'vovsk. geol. o-va pri Gos. un-te im. Franko, Seriya geologicheskaya, Issue 1, 1948, p. 49-64

NO: 0-3 '50, 16 June 50, (Petropolis 'Zhurnal 'ayth Statey, No. 5, 1 49)

SUNBOTIN, S.I.

In memory of Vladimir Aleksandrovich Sel'skii. Min.sbor. no.5:
375-376 '51. (MIRA 9:12)

1. Gosuniversitet imeni Ivana Franko, L'vov.
(Sel'skii, Vladimir Aleksandrovich, 1883-1951)

Subbotin, S. I.
USSR/Geophysics - Gravity anomaly

FD-2575

Card 1/1 Pub. 44 - 5/19

Author : Subbotin, S. I.

Title : The connection of the gravity anomaly with the vertical movements
 of the Earth's crust

Periodical : Izv. AN SSR, Ser. geofiz, Jul-Aug 55, 332-338

Abstract : The question of the connection of the vertical movements of the
 earth's crust with processes occurring in the submantle is consid-
 ered. On the basis of an analysis of the gravity anomaly and of
 the amplitudes of deflection and upheaval of rocks, for example,
 the Dniepr-Donets Dnieper depression, the Ukrainian crystalline
 massif and Carpathian zone, the author came to the conclusion that
 the chief cause for the vertical movements of the Earth's crust and
 the formation of structural elements named in the work is the proc-
 esses of compression (buckling) and expansion (upheaval) of the
 submantle substance, so that or its overflow plays a subordinate
 role and is not a necessary process, although a possible one.

Institution : Institute of the Geology of Useful Minerals, Acad. Sci. USSR

Submitted : June 26, 1954

SOLLOGUB, Vsevolod Borisovich; SUBBOTIN, S.I., otv.red.; MEL'NIK, G.F.,
red.izd-va; YURCHISHIN, V.I., techn.red.

[Physical properties of rocks in the southwestern and southern
regions of the European part of the U.S.S.R.] Fizicheskie
svoistva gornyykh porod iugo-zapadnogo i iuzhnogo raionov Evropeiskoi
chasti SSSR. Kiev, Izd-vo Akad. nauk. Ukr. SSR, 1958. 99p.
(Akademiia nauk URSS, Kiev, Institut geologichnykh nauk.
[Trudy]. Seriya geotektoniky i geofiziky, no. 4) (MIRA 13:8)

1. Chlen-korrespondent AN USSR (for Subbotin).
(Rocks) (Seismic waves)

SUBBOTIN, S.I.

Nature of certain gravity anomalies in the Dnieper-Don depression.
Trudy Inst. geol. nauk AN URSS. Ser. geofiz. no.2:3-14 '58.

(MIRA 11:6)

1. Institut geologii poleznykh iskopayemykh AN USSR.
(Ukraine--Gravity)

SUBBOTIN, S.I.

Problem of the formation of depressions in the earth's crust
and of the tectonics of the foundation of the Dnieper-Donets
Depression. Geol.zhur. 18 no.6:3-16 '58. (MIRA 12:1)
(Donets Valley--Geology, Structural)
(Dnieper Lowland--Geology, Structural)

SUBBOTIN, S.I.; BONDARENKO, A.P.; KRUGLYAKOVA, G.I. [Kruhliakova, H.I.];
KLUSHIN, V.I.; NAUMCHIK, Yu.L.; PETKEVICH, G. I. [Petkevych, H.I.]

Progress in geophysical studies of western regions of the
Ukrainian S.S.R. during the Soviet regime. Pratsi Inst.
geol. kor.kop. AN URSR 1:118-148 '59. (MIRA 14:6)
(Ukraine--Prospecting--Geophysical data)

PETKEVICH, Georgiy Ivanovich [Petkevych, H.I.]; SUBBOTIN, S.I., prof.,
otv.red.; LEFKIY, S.D., red.; LISOVETS, O.M. [Lysovet's', O.M.],
tekhn.red.

[Seismic logging in the Ciscarpathian trough] Seismokarotazhni
doslidzhennia v Peredkarpats'komu prohyni. Kyiv, Vyd-vo Akad.
nauk URSR, 1960. 97 p. (MIRA 14:1)

1. Chlen-korrespondent AN USSR (for Subbotin).
(Carpathian Mountain region--Seismic prospecting)

KRUTIKHOVSKAYA, Z.A.; KUTSIMOV, O.K.; SUBBOTIN, S.I., doktor geologo-mineral.nauk, nauchnyy red.; FILATOV, V.O., red.ind-va; QUBOVA, O.A., tekhn.red.

[Using geophysical methods for studying iron ore formations in the Ukrainian crystalline shield] Primenenie geofizicheskikh metodov dlia izucheniia zhelezorudnoi formatsii ukrainskogo kristallicheskogo shchita. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1960. 128 p. (MIRA 13:7)

1. Chlen-korrespondent AN USSR (for Subbotin).
(Dnieper Valley--Iron ores)
(Prospecting--Geophysical methods)

ANDREYEV, B.A. Prinimali uchastiye: SUBBOTIN, S.I.; KARAYEV, N.A.
KHABAKOV, A.V., nauchnyy red.; SERGEYEVA, N.A., red.izd-va;
GUROVA, O.A., tekhn.red.

[Geophysical methods in areal structural geology] Geofizi-
cheskie metody v regional'noi strukturnoi geologii. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр, 1960.
258 p. (MIRA 13:11)

1. Chlen-korrespondent AN USSR (for Subbotin). 2. Vsesoyuznyy
geologicheskii nauchno-issledovatel'skiy institut (for Khabakov).
(Prospecting--Geophysical methods)

SUBBOTIN, S.I.

Structure of subsurface zones in the Carpathians. Pratsi Inst.
geol. kor. kop. AN URSR 2:23-26 '60. (MIRA 14:5)
(Carpathian Mountain region--Geology, Structural)

S/630/60/000/002/005/000
PC55/511-

AUTHOR: Subbotin, S.I.

AUTHOR: Sabbotin, S.I.
TITLE: The deep structure of the territory of the Ukrainian SSR according to findings of geophysical research
21st. Copenhagen, 1960. Doklady
Library pri-

SOURCE: International Geological Congress, 21st, Copenhagen, 1960. Doklady sovetskikh geologov, problema 2: Geologicheskiye resheniya prikladnoy geokhimii i geofiziki. Razdel 11: Geofizika. G. abinnoye stroeniye zemli po geofizicheskim dannym, 58-60

TEXT: This article describes the deep structure of the Ukraine and the processes taking place beneath the crust, which are the cause of tectonic dislocations. The Earth's crust in the Ukraine is split by deep fractures in latitudinal, longitudinal, north-easterly and north-westerly directions. Large blocks have moved, and still move, vertically along these fractures. These dislocations are caused by expansion and contraction of the sub-crustal matter, as a result of its polymorphic transformation under high pressures and temperatures, and in turn lead to the formation of the main geotectonic units: the Ukrainian Shield above a zone of expansion; the Dnepr-Donets, Black Sea Coast, Indolo-Kubanskaya, Dnieper-Carpathian, Trans-Carpathian and Black Sea depressions above a zone of contraction.

car: 1/2

3/630/00/00/002/005/000
1035/111.

The deep structure....

pression; the Carpathian and Crimean folded structures above the zones where the two processes have been combined. Large faults occurring at great depths in the crust determine the distribution of minerals: oil and fuel gas in the Carpathian zone and Inger-Ponets and Black Sea Coast depressions; ore deposits in the Ukrainian Shield; sulfur, where the Russian Platform adjoins the Carpathian depression. Further research in the Ukraine must be directed at finding deeper deep faults and at establishing the relationships between them and the structure of the upper parts of the crust, including deposits of useful minerals. There is mention of the writings of A.V. Feyve, N.S. Shatskiy (Ref. 29: O proislozhenii i pacheinskoy provala. Bravitei'naya tektonika drevnikh plat- form [The Origin of the Pacheinskoy Depression. The Comparative tectonics of ancient platforms]), no. 5. Byull. MOIP, otd. geol., t. XXX (5), 1955) and M.V. Kharatov (Ref. 17: Istoriya tektonicheskogo razvitiya glubokoy vpadiny Chernogo morya [History of the Tectonic development of the Black Sea deep depression], Byull. MOIP, otd. geol., 5, 1955). There is 1 diagrammatic map and 3 Soviet references.

Card 2/-

SUBBOTIN, S.I.

Causes of tectonic movements and mechanics of the formation of
basic structural elements in the earth's crust. Part 1. (to be
continued). Geol. zhur. 20 no. 5:3-17 '60. (MIRA 14:1)
(Geology, Structural)

SUBBOTIN, S.I.

Relationship between oil and gas fields and subsurface faults
in the Ukrainian S.S.R. Geol.sbor. [Lvov] no.7/8:39-53 '61.
(MIRA 14:12)

1. Institut geologii poleznykh iskopayemykh AN USSR, L'vov.
(Ukraine—Petroleum geology)
(Ukraine—Gas, Natural—Geology)
(Faults (Geology))

LEBEDEV, Taras Sergeyevich; SOBAKAR', Grigoriy Timofeyevich; SUBBOTIN,
S.I., akademik, otv. red.; ANTONYUK, Ye.I., red.; RAKHLINA,
N.P., tekhn. red.

[Tectonics of the northeastern Azov Sea region; based on
geophysical data] Tektonika severo-vostochnogo Priazov'ia; po
dannym geofizicheskikh issledovani. Kiev, Izd-vo Akad. nauk
USSR, 1962. 82 p. (MIRA 15:10)

1. Akademiya nauk Ukrainskoy SSR (for Subbotin).
(Azov Sea region--Geology, Structural)

SEMENENKO, N.P., akademik, otv. red.; TKACHUK, I.G., doktor geol.-
miner. nauk, zam. otv. red.; SUBBOTIN, S.I., akademik, red.;
LAZARENKO, Ye.K., red.; BELEVTSSEV, Ya.N., red.; POPOV, V.S.,
red.; SOLLOGUB, V.B., kand. geol.-miner. nauk, red.;
MEL'NIK, A.F., red.; ZAVIRYUKHINA, V.N., red.; DAKHNO, Yu.B.,
tekhn. red.

[Materials of the Fifth Congress of the Carpatho-Balkan
Geological Association; reports of Soviet geologists] Mate-
rialy; doklady sovetskikh geologov. Kiev, Izd-vo Akad. nauk
USSR, 1962. 309 p. (MIRA 16:8)

1. Karpato-Balkanskaya geologicheskaya assotsiatsiya. 5th,
Bucharest, 1961. 2. Akademiya nauk Ukr.SSR (for Semenenko,
Subbotin). 3. Chleny-korrespondenty AN Ukr.SSR (for Lazarenko,
Belevtsev, Popov).

(Carpathian Mountains--Geology)
(Balkan Mountains--Geology)

S/819/52/000/002/001/004
D207/D307

AUTHOR: Subbotin, S.I.
TITLE: On the causes of tectonic motion and magnetism
SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut heofyzyky.
Geofizicheskiy sbornik, no. 2(4), 1962, 3-13

TEXT: The author reviews Soviet (including his own) and Western work, mainly of recent origin (1948-1961) but including some papers dating back to 1936. Formation of the following geological features is discussed: plateau depressions, deep faults, transverse deep faults, geosynclinal troughs in the upper and lower regions of the earth's mantle, deep depressions in land-locked seas. Hypotheses on the origin of tectonic motion, put forward by Yu. A. Bilibin in 1955 are shown to be in agreement with geological and geophysical data. There are 34 references: 30 Soviet-bloc and 4 non-Soviet-bloc. ✓

ASSOCIATION: Institut geofiziki AN USSR (Geophysics Institute,
AS UkrSSR)

SUBMITTED: July 2, 1961

Card 1/1

LEBEDEV, Taras Sergeyevich; KORNIYETS, Dar Vasil'yevich; SUBBOTIN,
S.I., akademik, otv. red.; KHOZANET, S.M., red.;
TURBANOVA, N.A., tekhn. red.

[Heat of the earth] Teplo Zemli. Kiev, Izd-vo AN Ukr.SSR,
1963. 63 p. (MIRA 16:11)

1. Akademiya nauk Ukr.SSR (for Subbotin).
(Earth temperature)

SERGATYUK, Andrey Fomich [Serhatiuk, A.Kh.]; SUBBOTIN, S.I., akademik,
otv. red.; ZAVIRYUKHINA, V.K., red.izd-va; TURBALOVA, N.A.,
tekhn.red.

[Induced polarization of coal] Vyklykana poliarizatsiia vy-
kopnoho vuhillia. Kyiv, Vyd-vo AN Ukr.RSR, 1963. 64 p.
(MIRA 16:12)

1. Akademiya nauk Ukrainskoy SSR (for Subbotin).
(Polarization (Electricity)) (Coal--Testing)

LEBEDEV, Taras Sergeyevich; SOBAKAR' Grigoriy Timofeyevich;
OROVETSKIY, Yuriy Pavlovich; BOLIUBAKH, Klavdiya
Antonovna; SUBBOTIN, S.I., akademik, otv. red.;
MEL'NIK, A.F., red.izd-va; RAKHLINA, N.P., tekhn. red.

[Tectonics of the central part of the northern slope of
the Crimean Mountains and results of its studying; based
on geophysical and geological data] Tektonika tsentral'-
noi chasti severnogo sklona Krymskikh gor i opyt ee izu-
cheniya; po materialam geofizicheskikh i geologicheskikh
issledovaniy. [By] T.S.Lebedev i dr. Kiev, Izd-vo Akad.
nauk USSR, 1963. 85 p. (MIRA 16:5)

1. Akademiya nauk Ukr.SSR (for Subbotin).
(Crimean Mountain--Geology, Structural)

BALABUSHEVICH, Illarion Arkad'yevich; SUBBOTIN, S.I., akademik,
otv. red.; TONKONOG, B.M., red.; LISOVETS, A.M., tekhn.
red.

[Higher derivatives of the gravitational potential and
their applicability in geological gravimetry] Vysshie pro-
izvodnye ~~potentsiala~~ sily tiazhesti i vozmozhnosti ikh is-
pol'zovaniia v geologicheskoi gravimetrii. Kiev, Izd-vo
AN USSR, 1963. 266 p. (MIRA 16:12)

1. Akademiya nauk Ukr.SSR (for Subbotin).
(Potential, Theory of) (Gravimetry)
(Gravity prospecting)

GOLOVITSYN, Vasiliy Nikolayevich; SUBBOTIN, S.I., akademik, otv.
red.; TRETYAK, A.N., red.izd-va; TURBANOVA, N.A., tekhn.
red.

{Electric prospecting (interpretation of data of direct current techniques)} Elektrorazvedka (interpretatsiia dannykh metodov postoiannogo toka). Kiev, Izd-vo AN Ukr.SSR, 1963.
360 p. (MIRA 17:1)

1. Akademiya nauk Ukr.SSR (for Subbotin).

SUBBOTIN, S.I.; RAKHIMOVA, I.Sh.

Physical and geophysical problems in the theory of tectonic
movements. Geofiz. sbor. no.4:3-13 '63. (MIRA 16:9)

1. Institut geofiziki AN UkrSSR.

SUBBOTIN, S.I., akademik; SOLLOGUB, V.B.; CHEKUNOV, A.V.

Crustal structure of the basic structural elements of the Ukraine.
Dokl. AN SSSR 153 no.2:440-443 N '63. (MIRA 16:12)

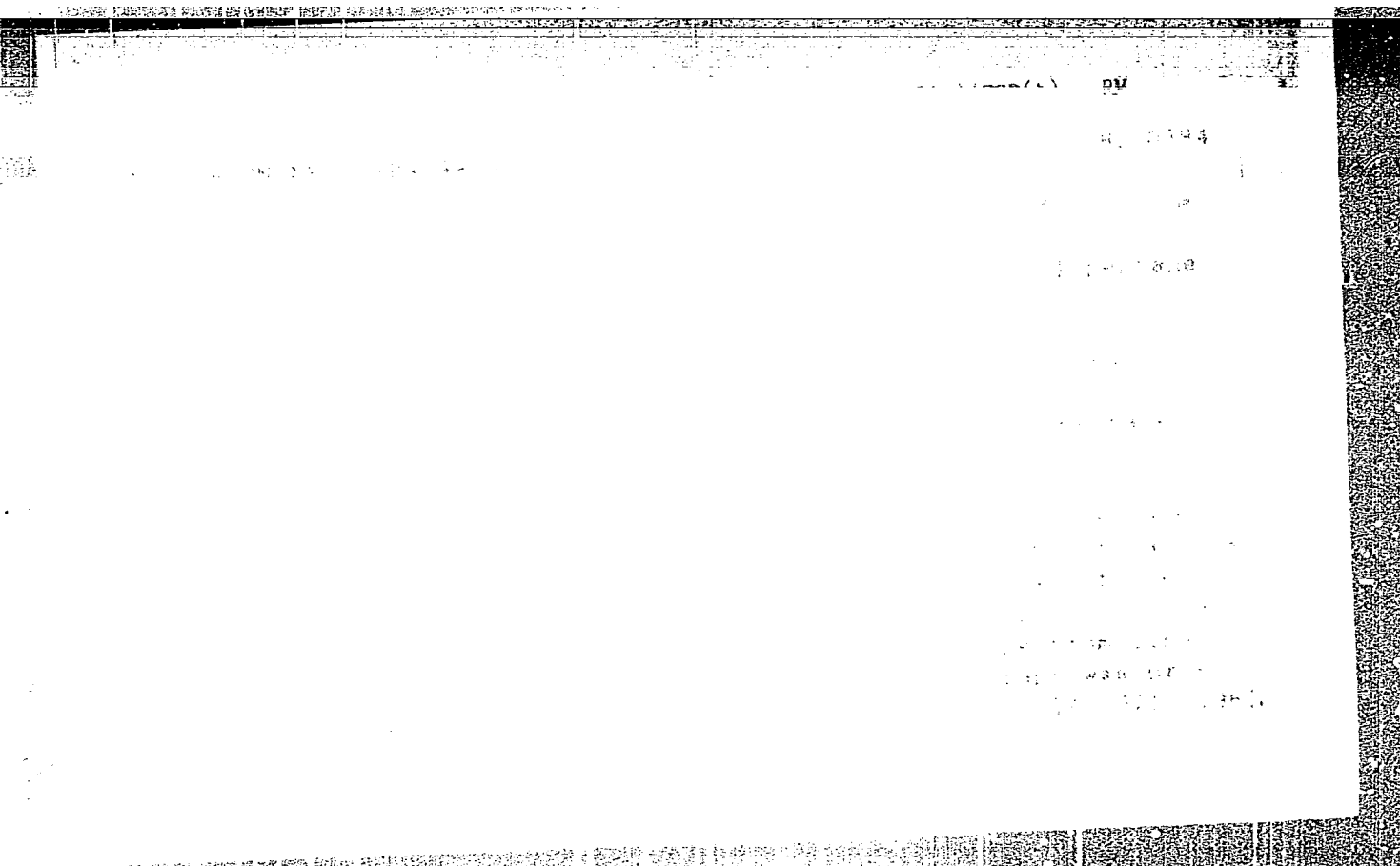
1. Institut geofiziki AN UkrSSR. 2. AN UkrSSR (for Subbotin).

SUBBOTIN, Serafim Ivanovich; NAUMCHIK, Georgiy Lukich; RAKHIMOVA,
Ideya Shakirovna; MEL'NIK, A.F., red.

[Processes in the upper mantle of the earth and the crustal
structure related to them] Protsessy v verkhnei mantii i
svyaz' s nimi stroeniia zemnoi kory. Kiev, Naukova dumka,
1964. 134 p. (MIRA 17:11)

"APPROVED FOR RELEASE: 08/26/2000

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tional lines lead to an estimate of 2.1×10^{-3} for the absolute μ_{eff} .

EXHIBIT. 1

REF: 009

KRUTIKHOVSKAYA, Zoya Aleksandrovna; ZAVOYSKIY, Vladimir
Nikolayevich; PODOLYANKO, Svetlana Mikhailovna,
SAVENKO, Boris Yakovlevich; SUBBOTIN, S.I., akademik,
otv. red.; SERDYUK, O.P., red.

[Magnetization of the rocks of iron ore formations of
the Greater Krivoy Rog and Karak Magnetic Anomaly] Na-
magnicheniye i formirovaniye zhelezorudnykh formatsii Bol'shogo
Krivogo Roga i KRA. [By] Z.A.Krutikhovskaya i dr. Kiev,
Naukova Dumka, 1964. 178 p. (MIRA 18:2)

1. Akademiya nauk URSR, Kiev. Instytut geofiziky.

SUBBOTIN, S.I.; BALABUSHEVICH, I.A.; VOLOGDIN, A.G.; KRYLOV, I.N.

Book reviews. Sov. geol. 7 no.11:148-154 N '64.

(MIRA 18:2)

SEMENENKO, N.P.; SUBBOTIN, A.I.; SOLOGUB, V.B.; IVANTISHIN, M.N.; CHEKUNOV,
A.V.; LADYIEVA, V.D.

Structure of the abyssal zones of the earth's crust in the
Ukrainian Crystalline Shield. Sov. geol. 7 no.11:48-60 N '64.
(MIRA 18:2)

1. Institut geofiziki AN UkrSSR.

SUBEOTIN, S.I.; TYULIN, V.I.; TATEVSKIY, V.M.

Rotational spectra of Raman scattering. Part 3. Otp. i spektr. 17 no.3:
381-384 S '64. (MIRA 17:10)

TRETYAK, Aleksandr Nikiforovich; SUBBOTIN, S.I., akademik, cit.
red.; CHEZHOVICH, N.Ya., red.

[Paleomagnetism of the Middle and Upper Paleozoic of the
Ukrainian S.S.R.] Paleomagnetizm srednego i verkhnego
paleozola USSR. Kiev, Naukova dumka, 1965. 130 p.
(MIRA 18:4)

1. Akademiya nauk Ukr.SSR (for Subbotin).

BALABUSHEVICH, Illarion Arkad'yevich; SUBBOTIN, S.I., akademik,
otv. red.; SHTUL'MAN, I.F., red.

[Pripet graben; practice in the paleotectonic analysis of
its present-day structure] Pripiatskii graben; opyt paleo-
tektonicheskogo analiza sovremennogo stroeniia. Kiev,
Naukova dumka, 1965. 170 p. (MIRA 18:5)

1. Akademiya nauk Ukr.SSR (for Subbotin).

SUBBOTIN, S.I.

Crustal structure of the Black Sea Depression and the causes
and a plan of its formation. Geofiz.sbor. no.1:3-17 '65.
(MIRA 18:12)

1. Institut geofiziki AN UkrSSR. Submitted July 22, 1964.

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