AVAILABLE: Library of Congress

Card 6/6

MM/jab
6/18/59

Upper Proterozoic sedimentary fromations and associated minerals in the Sayan-Baikal highland. Zakonom. razm. polezn. iskop. 1: 123-141 '58. (MIRA 12:3)

1.Geologicheskiy institut AN SSSR i Institut geologii Vostochno-Sibirskogo filiala AN SSSR.
(Siberia, Eastern--Mines and mineral resources)
(Siberia, Eastern--Geology, Structural)

BELICHENKO, V.G.

Metamorphism of manganese-bearing rocks in the Ikatskiy deposit (northwestern Transbaikalia). Trudy Vost-Sib. fil. AN SSSR no.14: 99-107 '58. (MIRA 12:3)

(Ikatskiy range--Manganese ores)

20-119-1-38/52

AUTHORS: Yeskin, A. S., Belichenko, V. G.

TITLE: On the Paleozoic Granites of the Barguzinskiy Mountain-Range (O paleozoyskikh granitakh Barguzinskogo khrebta)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 1, pp. 140-142 (USSR)

ABSTRACT: In many places of the Baykal'skaya mountain region deposits occur which are in default of fauna fossils conditionally classified with the Lower Paleozoic. Thereby the age of the eruptive rocks which break through these masses also becomes conditional. Under these circumstances the fields of the development of notoriously Cambrian deposits are of special importance. Such a field is the northwestern slope of the Bargunzinskiy chain, the river basin of the Biram'ya. In the year 1954 a fauna of archeocytes, trilobites and brachiopods (Reference 5) which is characteristic of the upper parts of the Lower Cambrian section were found in limestones which were earlier classified with the Proterozoic. At the upper course of the Biram'ya the Lower Cambrian deposits are broken through by granites. They form a small massif (2500 x 800 m) which extends in a northeastern direction. The grani-

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On the Paleozoic Granites of the Barguzinskiy Mountain-Range

tes and the neighboring rocks are individually described. The properties of the granite are shown in table 1. At the contact of the granites with limestone-conglomerates and sandstones a strip of massive assimilation-rocks of a greenish-gray color is observed. They have a gabbro--structure with elements of a poikilite-structure. The chemical analysis of this assimilation-rock is given in table 2. From this is to be seen that the granites at the contact with carbonate rocks are enriched with CaO, MgO, Fe_2O_3 and FeO. But they become poorer here in SiO_2, Al_2O_3 and K_2O. At the boundary of the granites with the Nyandoninskaya suite the former are less changed. The mineralogical composition here remains the same as in the central part of the massif, but the quantitative content of the minerals is changed: plagioclase no. 35 70%, quartz 20%, biotite 5%, microcline about 5%, hornblende, sphene, apatite and ore mineral - in insignificant quantities. As in the first case the chemical composition of the hybride

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On the Paleozoic Granites of the Barguzinskiy Mountain-Range

20-119-1-38/52

rocks from the contact domain is closely connected with the granite-containing rocks. Similar enrichments are observed here as there. The lack of younger than Lower-Cambrian deposits does not make it possible to determine the upper age limit of the granites. They are similar to other Lower Paleozoic granites which were several times studied in the Baykal'skaya mountain region (References 2,4) as follows from the comparison (Table 1).
There are 2 tables and 5 references, 0 of which are Soviet.

ASSOCIATION: Institut geologii Vostochno-Sibirskogo filiala Akademii nauk SSSR (Institute for Geology of the East Siberian Branch of the AS USSR)

PRESENTED: April 6, 1957, by N. S. Shatskiy, Member of the Academy of Sciences

SUBMITTED: April 5, 1957

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SOV/11-59-4-3/16

3 (5)

AUTHOR: Belichenko, V. G., Yeskin, A. S. and Anisimova, Z. M.

TITLE: The Stratigraphy and Metamorphizm of Ancient Strata of the Central Part of the Barguzin Mountain Range (Stratigrafiya i metamorfizm drevnikh tolshch tsentral'noy chasti Barguzinskogo khrebta)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 4, pp 40 - 52 (USSR)

ABSTRACT: This article deals with the metamorphized strata of eruptive rocks of Pre-Cambrian and Lower-Paleozoic age in the Barguzin mountains range. The ages of the Barguzin and Nyandona suites which form the foundation of the cross-section for the Angara-Barguzin region were fixed differently by many geologists who had worked in the region. The authors classify them both as belonging to the Upper-Proterozoic era, because they are unconformingly covered with Lower-Cambrian deposits, identified by the fossilized fauna they contained. The cross-section of these suites is identical with that of Upper-Proterozoic strata of the Ikatidy mountain range. Rocks

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SOV/11-59-4-3/16

The Stratigraphy and Metamorphizm of Ancient Strata of the Central Part of the Barguzin Mountain Range.

Rocks of the Barguzin and partly of the Nyandona strata are very much transformed by the progressive contact metamorphosis caused by granitoids of the Barguzin complex of rocks. Different aspects of metamorphizm in the Barguzin mountain range are described in detail. The authors mention the following geologists who worked in this region: V. V. Dombrovskiy, N. I. Fomin, L. I. Salop, S. A. Gurulev, P. Ch. Shoboborov, A. V. Kolesnikov, V. I. Navil' and D. S. Korzhinskiy.
There are 2 maps, 1 table, 1 profile, 5 graphs and 11 references, 9 of which are Soviet, 1 Finnish and 1 German.

ASSOCIATION: Institut geologii Vostochno-Sibirskogo filiala AN SSSR (The Institute of Geology of the East-Siberian Branch of the AS USSR). Irkutskoye geologicheskoye upravleniye (The Irkutsk Geological Management)

SOV/11-59-4-3/16

The Stratigraphy and Metamorphism of Ancient Strata of the Central Part of the Barguzin Mountain Range

SUBMITTED: November 21, 1957

Card 3/3

ERLICHENKO, V.G.; CHERNOV, Yu.A.; ZHURAVLEVA, I.T.

Lower Cambrian stratigraphy of the Kydymit-Zaza-Kholoy interfluve (Vitim Plateau). Geol. i geofiz. no.6:85-93 '60. (MIRA 13:9)

1. Vostochno-Sibirskiy geologicheskiy institut Sibirskogo otdeleniya AN SSSR.
(Vitim Plateau--Geology, Stratigraphic)

BELICHENKO, V.G.

Geological characteristics of the Ikat-Graga manganese deposit. Trudy Vost.-Sib.fil. AN SSSR no.25:4-11 '60. (MIRA 13:9)
(Buryat A.S.S.R.—Manganese ores)

BELICHENKO, Valentina Georgiyevna; KOMAROV, Yuriy Vasil'yevich; MUSIN, Yuriy Vasil'yevich; KHRENOV, Petr Mikhaylovich; CHERNOV, Yuriy Alekseyevich; FLORENSOV, N.A., otv.red.; SOLODOV, N.A., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Outline of the geology and petrography of the southern margin of the Vitim Plateau (northwestern Transbaikalia)] Geologo-petrograficheskii ocherk iuzhnoi okrainy Vitimskogo ploskogor'ia (Severo-Zapadnoe Zabaikal'e). Moskva, Izd-vo Akad.nauk SSSR. 1962. 166 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy, no.8). (MIRA 16:2)

(Vitim Plateau—Geology)

BELICHENKO, V.G.

Recent finds of archaeocyathean fauna in the upper Dzhida River (southern Lake Baikal region). Dokl. AN SSSR 151 no.3:642-643 Jl '63. (MIRA 16:9)

1. Institut zemnoy kory Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom A.L.Yanshinym.
(Dzhida Valley--Paleontology, Stratigraphic)

BELICHENKO, V.G.; KHRENOV, P.M.

Baikal Caledonian structures. Izv. AN SSSR. Ser.geol. 30 no.11:72-85 N '65. (MIRA 18:12)

1. Institut zemnoy kory Sibirskogo otdeleniya AN SSSR, Irkutsk.
Submitted October 30, 1964.

PLATONOV, A.N.; BELICHENKO, V.P.

Coloring and thermoluminescence of Volynian topazes. Min. sbor. 18 no.4:412-421 '64. (MIRA 18:7)

1. Institut geologicheskikh nauk AN UkrSSR, Kiyev.

KULIYEV, A.Kh., dots.; KELICHENKO, Ye.P., tekhnik

Press for making a gynecologic mud tampon. Azerb.med.zhur. no.5:76-77 My '59. (MIRA 12:8)

1. Iz kafedry kurortologii i fizioterapii (zav.kafedroy - prof. Sh.M.Gasanov) Azerbaydzhanskogo instituta usovershenstvovaniya vrachey.
(MEDICAL INSTRUMENTS AND APPARATUS)

BELICHEV, P.

BULGARIA/Chemical Technology. Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. I-8

Abs Jour : Ref Zhur-Khimiya, No 2, 1958, 5307.

Author : Dimitrov D., Ruschev D., Belichev P., Donchev M.

Inst : Chemico-Technological Institute.

Title : Adsorptive and Decolorizing Properties of Some Natural Bulgarian Silicates.

Orig Pub : Godishnik Khim.-tekhnol. in-t, 1955, (1956), 2, No 1, 113-125.

Abstract : A study of 14 Bulgarian natural silicates (clays, kaolins, trass and kieselguhr) after thermal activation in the temperature range from 110 - 400° and after acid activation with HCl or H_2SO_4 at a concentration from 1 to 20%. Adsorptive capacity was chedked by the benzene method and decolorizing power -- by decolorization factor.

Card : 1/2

DULGARIA/Chemical Technology. Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants. H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44578.

Author : Popov Y., Delichev P.
Inst :
Title : Production of Some Grades of Light and Medium Industrial Oils in Atmospheric Petroleum Distillation Units at the Town of Rusa (Bulgaria).

Orig Pub: Tezhka promishlenost, 1957, 6, No 8, 36-38.

Abstract: The possibilities are considered of expanding the production range of oils manufactured at the petroleum distillery in the town of Rusa from Tyulenov petroleum, and of the work that would be

Card : 1/2

H-23

COUNTRY : Bulgaria
CATEGORY :

ABS. JOUR. : RZKhim., No. 16 1959, No. 58527

AUTHOR : Vulchev, D., Belichev, P., and Ganchev, P.
INST. : Not given
TITLE : Diesel Fuels Produced from Bulgarian Crude

ORIG. PUB. : Tezhka Promishlenost, 7, No 11, 26-29 (1958)

ABSTRACT : Diesel fuels currently produced in the Bulgarian Peoples Republic include fuels for high-speed diesels (straight-run kerosene-gas oil fractions representing 23-25% by wt of the crude) and heavy fuel oils (a mixture of 25% gas oil and 75% naphtha). The authors compare the indexes of Soviet and Bulgarian diesel fuels and emphasize the shortcomings of the latter (lower cetane numbers, increased sulfur content, increased viscosity, etc.) and make suggestions on the rationalization

CARD: 1/2

CARD: 2/2

Belichkin, O

AUTHOR: Belichkin, O. (Moscow). 107-8-45/62

TITLE: A Two-Channel Indoor Antenna (Dvukhprogrammnaya komnatnaya antenna).

PERIODICAL: Radio, 1957, # 8, p 42 (USSR).

ABSTRACT: At the passage from one channel to another, the dipole length of the described antenna changes, but the mismatching which results therefrom does not exceed that of a usual indoor antenna with its feeder, and does not influence picture clearness.

The resonance dipole length is selected according to the picture characteristics (maximum clearness and contrast).

This article contains 1 figure.

INSTITUTION: Not indicated.

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 1/1

20-114 3-29/60

AUTHORS: Nesmeyanov, A. N., Member of the AS USSR, Freydlina, R. Kh., Belichko, F. K.

TITLE: Synthesis and Chemical Transformations of Trichloromethyl and ω,ω-Dichlorallyl Compounds of Mercury (Sintez i khimicheskiye prevrashcheniya trikhlormetil'nykh i ω,ω-dikhlorallil'nykh soyedineniy rtuti)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 3, pp. 557-559 (USSR)

ABSTRACT: As far as organic compounds of mercury containing the trichloromethyl or the dichlorallyl group are interesting from the point of view of the chemical behavior of these groups, the authors studied the possibility of a synthesis of such compounds and several of their transformations. While it was possible to describe organic mercury compounds containing the trifluormethyl or the triiodomethyl group, synthesis tests of trichloromethyl compounds were frustrated by the decarboxylase of mercury trichloracetate or by the photochemical reaction of tetrachloride with mercury. Hitherto no representative of the organic mercury compounds containing ω,ω-dihaloidallyl has been described. The authors investigated the

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20-114-3 29/60

Synthesis and Chemical Transformations of Trichloromethyl and ω,ω-Dichlorallyl Compounds of Mercury

reactions of bromotrichloromethane, bromo- and iododichloromethane with 1,1-dichloro-3-iodopropene-1 with mercury in the case of ultra-violet irradiation and heating up to 70 - 80°C and vigorous stirring; furthermore, the reaction of iodotrichloromethane with mercury in the case of normal agitation without any irradiation was studied. From these processes the following compounds resulted: CCl_3HgBr, $CHCl_2HgBr$, $CHCl_2HgJ$, $CCl_2{=}CHCH_2HgJ$ and CCl_3HgJ with yields 41; 1,2; 2,5; 67 and 12 % according to theory. By the interaction of bromo-trichloromethane and a calculated quantity of sodium amalgam of 0,5 % with hexachloro-ethane, one received with a small yield also trichloromethyl-mercury and no symmetric compound $(CCl_3)_2Hg$. Such an anomaly is known only in the case of iodocyclohexane-mercury. The authors found a simpler and more convenient method for the transition of alkyl-mercury-iodides to chlorides. It consists of an exchange reaction with mercuric chloride in the case of heating in ether or alcohol. In a number of reactions the 3-methyl compounds of mercury remind one of the so-called "quasi-complex" compounds. Trichloromethyl-

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Synthesis and Chemical Transformations of Trichloromethyl and ω,ω-Dichlorallyl Compounds of Mercury

-mercury-halogenides form complexes with pyridine as well as "quasi-complex" compounds. In the case of CCl_3HgJ the complex is unstable and disintegrates quickly if stored. Hydrogen sulfide causes HgS already in a cold state to separate quantitatively from the alcohol solution. At interaction of bromotrichloromethyl-mercury with C_6H_5MgBr, bromophenyl-mercury is produced beside phenyl-trichloromethyl-mercury. The interaction of bromotrichloromethyl-mercury with diphenyl--stannian under normal conditions progresses in two different directions according to the quantity of alkali used. With a stoichiometric proportion phenyltrichloromethyl-mercury (49 %) is produced. With a larger quantity of alkali the reaction leads to diphenyl-mercury (29 %). In both cases plenty of infusible and insoluble precipitates containing mercury were produced. With HCl containing methanol phenyltrichloromethyl-mercury forms C_6H_5HgCl with a quantitative yield. The first-mentioned compound, after half an hour of heating in a sealed glass tube, yields the latter with 80 %. The influence of normal"symmetrizers" (KJ, $Na_2S_2O_3$, Cu) upon trichloromethyl-mercury-halogenid-

Synthesis and Chemical Transformations of Trichloromethyl and ω,ω-Dichlorallyl Compounds of Mercury

es does not lead to a formation of bistrichloro-methyl-mercury, which does not happen under the influence of dry ammonia upon a chloroform solution of CCl_3HgCl either. In the latter case 95,5 % of an infusible precipitate is produced. There are 1 table and 13 references, 10 of which are Soviet.

ASSOCIATION: Institute for Elemental-Organic Compounds AS USSR (Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR)

SUBMITTED: December 28, 1956

USSR/Cultivated Plants - Fodder. M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15687

Author : M.A. Belichko
Inst : -
Title : Applying Fertilizer to the Rows Increases the Fodder Lupine Yield.
(Vneseniye udobreniya v ryadki povyshayet urozhay kormovogo lyupina).

Orig Pub : Nauka i peredov. opyt v s.-kh. 1957, No 8, 24.

Abstract : No abstract.

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106

BELICHKO, M. A., Cand of Agric Sci -- (diss) "The Special Feature of Row Fertilization on the Harvestability and Quality of Lupine," Kiev, 1959, 22 pp (Khar'kov Agricultural Institute im V. V. Dokuchayev) (KL, 2-60, 115)

BELICHKOVA, P.

PEEVA, D.; BELICHKOVA, P.

Asepsis in the treatment of diseases of the dental pulp. Stomatologiia, Sofia no.5:279-283 1953.

(ROOT CANAL THERAPY,
asepsis in)
(ANTISEPSIS AND ASEPSIS,
dent., in root canal ther.)

ABLOV, A.V.; CHAPURINA, L.F.; BELICHUK, N.I.

Infrared absorption spectra of diacetylsemicarbazonoxime metallic derivatives. Zhur. neorg. khim. 10 no.5:1186-1190 My '65. (MIRA 18:6)

1. Institut khimii AN Moldavskoy SSR.

ABLOV, A.V.; BELICHUK, N.I.

Metal derivatives of biacetyl oxime hydrazone. Zhur.neorg.khim. 7 no.4:777-782 Ap '62. (MIRA 15:4)

1. Moldavskiy filial AN SSSR, Institut khimii.
(Organometallic compounds) (Glyoxime) (Hydrazones)

ABLOV, A.V.; BELICHUK, N.I.

Metallic derivatives of diacetylsemicarbazone oxime. Zhur.neorg.-khim 7 no.9:2061-2065 S '62. (MIRA 15:9)
(Semicarbazone) (Oximes) (Organometallic compounds)

ABLOV, A.V.; BELICHUK, N.I.

Derivatives of diacetylthiosemicarbazone oxime with cobalt (II) and iron (II). Zhur.neorg.khim. 8 no.1:77-82 Ja '63. (MIRA 16:5)

1. Institut khimii AN Moldavskoy SSR.
(Cobalt compounds) (Semicarbazone) (Iron compounds)

ABLOV, A.V.; BELICHUK, N.I.

Derivatives of diacetylthiosemicarbazone oxime with cop[redacted] (II).
Zhur.neorg.khim. 8 no.3:612-616 Mr '63. (MIRA 16:4)

1. Institut khimii AN Moldavskoy SSR.
(Copper compounds) (Semicarbazones)

ABLOV, A.V.; BELICHUK, N.I.

Derivatives of diacetylthiosemicarbazone oxime with nickel.
Zhur.neorg.khim. 8 no.5:1142-1150 My '63. (MIRA 16:5)

1. Akademiya nauk Moldavskoy SSR, Institut khimii.
(Semicarbazones) (Nickel compounds)

ABLOB, A.V.; CHAPURINA, L.F.; BELICHUK, N.I.

Infrared absorption spectra of metallic derivatives of diacetyloxime hydrazone. Zhur.neorg.khim. 11 no.1:72-75 Ja '66. (MIRA 19:1)

1. Institut khimii AN Moldavskoy SSR. Submitted June 8, 1964.

BELITSKIY, Voyslav [Belicki, Wojslaw] (Varshava)

Erection of large-panel apartment houses in winter. Bet. i zhel.-bet. 9 no.10:475-478 O '63. (MIRA 16:12)

CZECHOSLOVAKIA

ZAPLETALEK, M.; HELICOVA, I.; KOMENDA, S.; Psychiatric Clinic, Medical Faculty, Palacky University (Psychiatricka Klinika Lekarske Fakulty PU), Olomouc.

"Catalase Activity in the Serum of Schizophrenics and of Normal People."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 6, Dec 66, pp 401 - 404

Abstract [Authors' English summary modified]: The authors determined the catalase level, its activity, and its speed of reaction in the serum in 30 schizophrenics and 30 healthy subjects. The amount of catalase in the serum of schizophrenics was statistically lower. The speed of reaction was the same in both groups. The lower catalase activity suggests a reduction of oxidation processes in the organism of schizophrenics. 1 Figure, 1 Table, 4 Western, 6 Czech, 6 Russian references. (Manuscript received 28 may 65).

1/1

BELIDEROV, T.; NACHEV, S.

How automobiles should be prepared to go on the road. p. 57.

TRANSPORTNO DELO. Vol. 8, nO. 4, 1956

Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

BELIDOV, V. A., ENGR

Dissertation: "Investigation of the Basic Problems of Construction of Closed City Low-Vo[illegible] Academy of Communal Economy imeni K. D. Pamfilov," 3 May 54. (Vechernyaya Moskva, Moscow, 21 Apr 54)

SO: SUM 243, 19 Oct 1954

BELICAN, St.

SORIN, E., Dr.; BELIGAN, Gr., dr.; STEFANESCU, Carmen, dr.; MOLHO, M., dr.

Non-hemorrhagic complications of heparin therapy. Med. int.,Bucur. 3 no.7:1064-1066 Nov 56.

1. Lucrare efectuata in Clinica medicala Spitalul "Brincovenesc" director: prof. R. Brauner.

(HEPARIN, inj. eff.
non-hemorrh. disord. caused by heparin ther.)
(FEVER, etiol. & pathogen.
heparin ther. causing chills & fever)
(SKIN DISEASES
rash, urticaria, pruritus & other disord. caused by heparin admin.)
(ALLERGY, etiology & pathogenesis
heparin)

BRAUNER, R., Prof.; SORIN, E., Dr.; BELIGAN, Gr., dr.; STEFANESCU, Carmen, dr.; PRODESCU, V., dr.

Heparin therapy of cardiovascular diseases. Med. int., Bucur. 8 no.3:380-385 July 56.

1. Lucrare efectuata in Clinica medicala Spitalul "Brincovenesc."
(HEPARIN, ther. use
angina pectoris, myocardial infarct & peripheral vasc. dis.)
(ANGINA PECTORIS, ther.
heparin)
(MYOCARDIAL INFARCT. ther.
heparin)
(VASCULAR DISEASES, PERIPHERAL, ther.
heparin)

BELIGAN, GR.

BRAUNER, R., Prof.; ANGELESCU, H., dr.; BELIGAN, Gr., dr.; MACEDONESCU-MICHELL, Irina, dr.; CHINEA, Gh., dr.; LOVY, D., dr.

Study of sequelae of epidemic hepatitis. Med. int., Bucur. 9 no.2:198-206 Feb 57.

1. Lucrare efectuata in Clinica medicala a Spitalului "Brincovenesc."

(HEPATITIS INFECTIOUS, complications
gastrointestinal disord., liver cirrhosis & depressive states)
(GASTROINTESTINAL DISEASES
cholecystitis, enterocolitis, gastritis, caused by infect. hepatitis)
(LIVER CIRRHOSIS, etiol. & pathogen.
hepatitis, infect.)

ANGELESCU,H.,dr.; BELIGAN,Gr.,dr.; GEORGESCU,M.,dr.; MACEDONESCU,I.,dr.

Considerations on the treatment of bronchial asthma with ACTH and cortisone. Med. int.,Bucur. 12 no.1:73-83 Ja '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "Bernat Andrei".

(ASTHMA,therapy)
(CORTICOTROPIN,therapy)
(CORTISONE, therapy)

STANESCU, M., dr.; BELIGAN, Gr., dr.

Dietetics in cardiovascular diseases. Med. inter., Bucur 13 no.3: 435-443 Mr '61.

1. Lucrare efectuata in Clinica medicala "Dr. I Cantacuzino", director: prof. I.Bruckner.
(CARDIOVASCULAR DISEASES nutrition & diet)

VEREANU, I., dr.; ALINESCU, R., dr.; BELIGAN, Gr., dr.; LUNGEANU, M., dr.

Clinical aspects of staphylococcal septicemia and its therapy.
Med. intern., Bucur 13 no.4:603-610 Ap '61.

1. Lucrare efectuata in Clinica medicala I.M.F. "Dr. I. Cantacuzino" (director: prof. I. Bruckner).
(STAPHYLOCOCCAL INFECTIONS case reports)
(SEPTICEMIA case reports)

BELIGAN, Gr., dr.; CHISIU, N., dr.

Immunochemical study of the "abnormal" globulin (component M) from some pathological blood sera. I. Relation of the "component M" to the common protein fractions in blood serum. Med. intern. 15 no.4:485-494 Ap '63.

1. Lucrare efectuata in Clinica medicala a Spitalului "Dr. I. Cantacuzino" (director: prof. I. Bruckner) si in Laboratorul experimental al Clinicii de boli de nutritie (director: prof. I. Pavel) Bucuresti.

(SERUM GLOBULIN) (MULTIPLE MYELOMA)
(HODGKIN'S DISEASE) (ANEMIA, HEMOLYTIC)
(BLOOD PROTEIN ELECTROPHORESIS)
(LIPOPROTEINS)

CHIRIAC, St., conf. ing.; BELIGAR, I., conf.; IAVORSCHI, N., asist.
Mot, S., asist.

Contribution of the machine-tractor station in the development and economic consolidation of the collective farms of the Banat region. Mec electrif agric 8 no.6:1-10 N-D '63.

1. Institutul politehnic, Timisoara.

YUGOSLAVIA/Zooparasitology - Parasitic Worms. G

Abs Jour : Ref Zhur Biol., No 1, 1959, 947

Author : Boko, F., Belijin, V.
List : -
Title : Study of the Development of Echinococcus granulosus in Suckling Dogs

Orig Pub : Veterinarie (Jugsol.), 1957, 6, No 4, 621-623

Abstract : No abstract.

Card 1/1

BELIK, A.A.; POKROVSKIY, V.M.

Anticorrosive protection of loading cranes. Zashch.met. 1 no.4:453-455 Jl-Ag '65. (MIRA 18:8)

1. Dnepropetrovskiy otdel tresta "Ukrmontazhorgstroy".

BELIK, A.A.

Automatic machine for triple pressing of springs. Avt.prom. 27 no.12:42 D '61. (MIRA 15:1)

1. Melitopol'skiy motornyy zavod.
(Machine tools)

BELIK, A.Ye., inzhener; IL'IN, B.V., inzhener.

Never let vessels containing liquefied gases be heated. Bezop. truda v prom. 1 no.4:23 Ap '57. (MIRA 10:6)
(Gases, Compressed)

BELIK, A.A.

A cycle in 24 hours in a 300-meter longwall. Ugol' Ukr. 3 no.1:25-27 Ja '59. (MIRA 12:1)

1. Nachal'nik uchastka No.6 shakhty No.1 "TSentral'naya" tresta Krasnoarmeyskugol'.
(Coal mines and mining--Labor productivity)

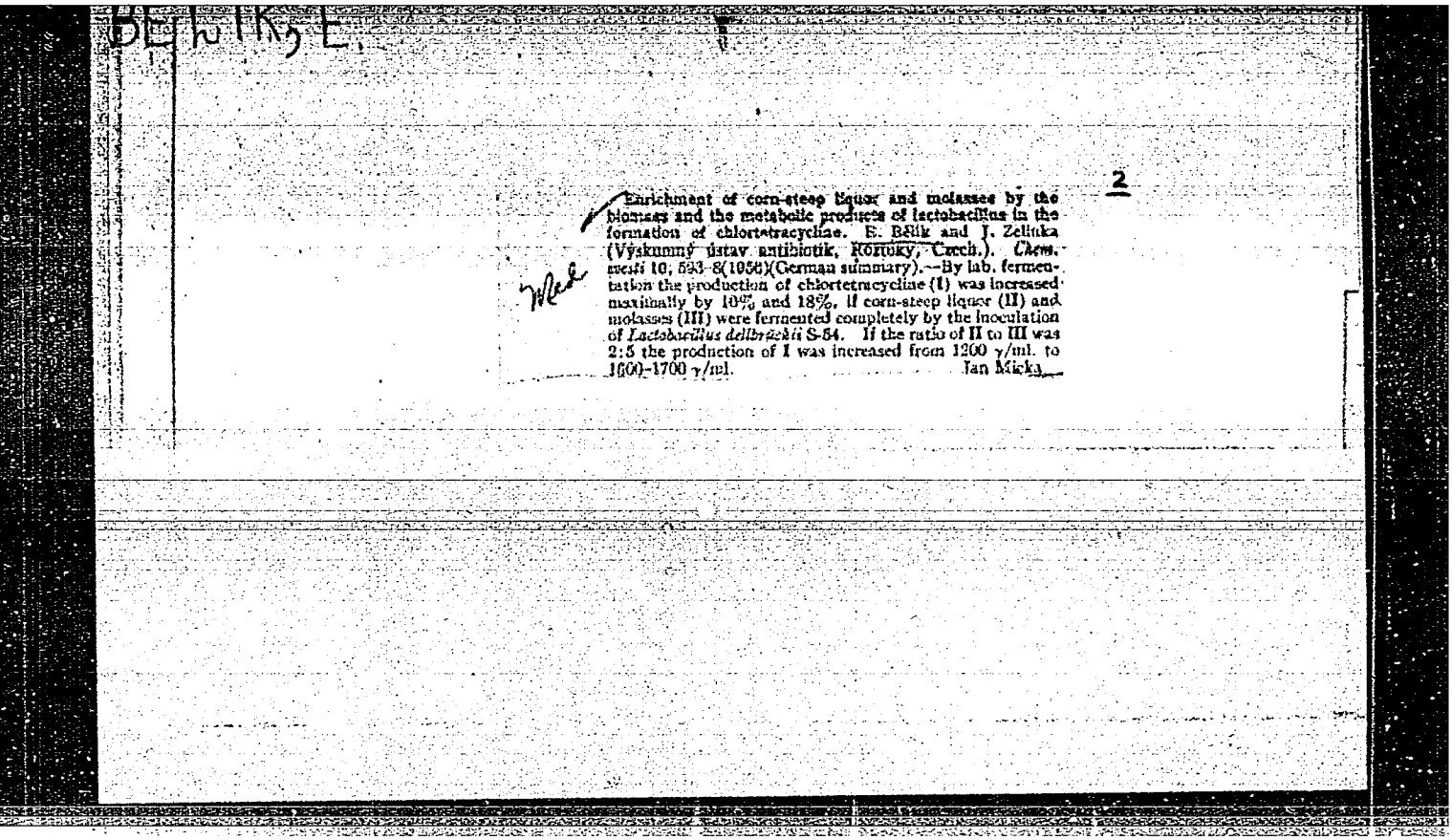
BELIK, A.Ya.; KURYPIN, B.S.

The BV-60 high-speed pump. Biul.tekh.-ekon.inform. no.12:9-10 '58. (MIRA 11:12)
(Oil well pumps)

BELIK, E.

Morphological changes of the strain Lactobacillus leichmanii 313 caused by the effect of certain growth factors. Chekh.biol. 2 no.4: 223-225 Ag '53. (MLRA 7:4)

1. Issledovatel'skiy institut antibiotikov, Roztoki.
(Lactobacillus leichmanii)



BELIKE E.

2

Enrichment of corn-steep liquor and molasses by the biomass and the metabolic products of lactobacillus in the formation of chlortetracycline. E. Bělík and J. Zelinka (Výskumný ústav antibiotik, Roztoky, Czech.). *Chem. zvesti* 10, 593–8(1956)(German summary).—By lab. fermentation the production of chlortetracycline (I) was increased maximally by 10% and 18%, if corn-steep liquor (II) and molasses (III) were fermented completely by the inoculation of *Lactobacillus delbrückii* S-84. If the ratio of II to III was 2:5 the production of I was increased from 1200 γ/ml. to 1600–1700 γ/ml. Jan Micka

BLAK, EDUARD

3

New methods of biosynthetic production of antibiotics. I.

Biosyntheeis of chlorotetracycline without maintaining aseptic conditions. Eduard Běšík, Miloš Herold, and Jiří Doskočil (Výzk. ústav antibiotik, Roztoky u Prahy, Czech.). *Československ. mikrobiol.* 2, 30-6(1957).—Expts. are described which revealed that fermentative production by *Streptomyces aureofaciens* does not require rigidly sterile conditions. Yeast (*Torulopsis*) in massive contamination lowers the yield.

I. J. Urbánek

CZECHOSLOVAKIA / Microbiology. Antibiosis and Symbiosis. Antibiotics. F

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 95028

Author : Belik, E.; Herold, M.; Doskocil, J.
Inst :
Title : New Methods of Biosynthetic Production of Antibiotics. 1. Biosynthesis of Chlortetracycline Without the Maintenance of Aseptic Conditions.

Orig Pub : Folia biol.(Cesko.), 1957, 3, No.4, 229-235.

Abstract : Observation of the utilization of a 24-hour inoculum in a fermentation medium in which chlortetracycline is introduced in a quantity sufficient to carry out the process in non-sterile conditions are reported. Special infection with bacteria, yeasts, poluted water and soil did not lead to a decrease of the antibiotic yield.

Card 1/2

CZECHOSLOVAKIA / Microbiology. Antibiosis and Symbiosis. Antibiotics. F

Abs Jour : Ref. Zhur. - Biol., No 21, 1958 No 95028

Yeasts from p. Torulopsis and an unidentified gram-negative bacillus with massive infection multiplied in the fermentation medium, but only the yeasts decreased the yield of chlortetraoycline in this manner.

Card 2/2

BELIK, E.; HEROLD, M.; DOSKOCIL, J.

New methods of the biosynthetic production of antibiotics. I. The biosynthesis of chlortetracycline without maintaining aseptic conditions.

P. 30, (Ceskoslovenska Mikrobiologie) Vol.6, no2, Mar. 1957, Praha, Czechoslovaki a

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

Belik, E.

Quantitative determination of vitamin B complex in four samples of corn extract by microbe tests. p.51 (Chemicke Zvesti. Vol. 11, no. 1 Jan 1957) Bratislava

SO: Monthly List of East European Accession (EEAL) LC Vol. 6 No. 7, July 1957, Uncl.

PECAK, V.; CIZEK, S.; MUSIL, J.; CERKES, L.; HEROLD, M.; BELIK, E.; HOFFMAN, J.

Stimulation of chlortetracycline production by benzyl thicoyanate. J. Hyg. Epidem., Praha 2 no.1:111-115 1958.

1. Institute of Antibiotic Research, Roztoky, near Prague, Czechoslovakia.
(THIOCYANATES, effects
benzyl thiocyanate stimulation of chlortetracycline prod. by Streptomyces strains)
(CHLORTETRACYCLINE, preparation of
prod. by Streptomyces strains, stimulation by benzyl thiocyanate admin.)
(STREPTOMYCES, metabolism
aureofaciens prod. of chlortetracycline, stimulation by benzyl thiocyanate admin.)

BELIK E.

GEROL'D M. [Herold, M.], BELIK, E.

Technology of the production of antibiotics for agriculture and the food industry [with summary in English]. Antibiotiki 3 no.1 67-73 Ja-F'58 (MIRA 11:5)

1. Nauchno-issledovatel'skiy institut antibiotikov, Chekhoslvakiya, Praga.

(ANTIBIOTICS, preparation of
for agriculture & food indust. (Rus))
(FOOD,
prod. of antibiotics for food indust. (Rus))

CZECHOSLOVAKIA

BELIK, Frantisek, pplk, MVDr

Prague

Brno, Veterinarstvi, No 12, December 1966, pp 535-38

"Radiology and veterinary hygiene."

BILY, G.I. [Bilyi, H.I.]; RVACHEV, V.L. [Rvachov, V.L.]

Fundamental integral equation of a contact problem in the theory of elasticity for a half-space whose modulus of elasticity is a power function of the depth. Dop. AN URSR no.8:1041-1044 '62. (MIRA 18:2)

1. Berdyanskiy gosudarstvennyy pedagogicheskiy institut.

BELIK, I.

How to use self-rescuers. Mast. ugl. 7 no. 7:31 Jl '58. (MIRA 11:8)

1. Komandir Pervogo Gorlovskogo gornospasatel'nogo otryada.
(Mine rescue work--Equipment and supplies)

BELIK, I.E.

BELIK, I.E.

Effect of a novocaine block on the cardiovascular system in angina pectoris. Vrach.delo supplement '57:43 (MIRA 11:3)

1. Gospital'naya khirurgicheskaya klinika im. prof. V.M. Bogoslavskogo (zav.-prof. M.V.Bogoslavskiy) Stalinskogo meditsinskogo instituta.
(NOVOCAINE) (ANGINA PECTORIS)

BELIK, I.E.

BOGOSLAVSKIY, R.V., professor (Stalino (oblastnoy), ul. Artema, d. 119, kv. 5); ZHUKOV, B.P. (Stalino, TSentral'naya poliklinika); BELIK, I.E. (Stalino, TSentral'naya poliklinika)

Stomach cancer according to materials from a surgical hospital [with summary in English]. Vop. onk. 3 no.1:34-40 '57 (MLRA 10:4)

1. Iz gospital'noy khirurgicheskoy kliniki imeni prof. V.M. Bogoslavskogo Stalinskogo meditsinskogo instituta (zav. klinikoy-prof. R.V. Bogoslavskiy)

(STOMACH NEOPLASMS, surg. statist.)
(GASTRECTOMY, in various dis. cancer of stomach, statist.)

EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6630. ANATOMICAL BASIS OF NOVOCAINE BLOCK OF AORTO-CARDIAC PLEXUSES BY TRANS-STERNAL PUNCTURE OF ANTERIOR MEDIASTINUM (Russian text) - Belik I. E. - KHIRURGIYA 1958, 11 (90-96) Tables 3 Illus. 1

Experiments were performed on 85 fresh cadavers. The sternum was punctured by a thick needle in the first intercostal space, 1 cm. to the left of the midline, up to the posterior periosteum. Next a thin needle was introduced through the lumen of the first needle for subsequent administration of anaesthetizing solution. Coloured hot 20% gelatine solution was injected into the anterior mediastinum. This solution stained the anterior and posterior surfaces of the aorta with the adjacent structures, including nervous plexuses governing cardiac function. The solution spread further through the anterior and posterior mediastinum till it reached the diaphragm. This spread could also be demonstrated roentgenographically; 70 ml. of 1% procaine solution is a sufficient amount for blocking the aorto-cardiac plexuses. The method is contra-indicated in hydrothorax and hydropericardium.

Belik, I. E.; Stukalo, Z. I.; Bogoslavskiy, R. V. (Prof.)--Stalino

"Analysis of the Mortality in Burn Disease."

report submitted for the 27th Congress of Surgeons of the USSR, Moscow, 23-28 May 1960.

BELIK, I.E.

Treatment of angina pectoris at health resorts. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 2:165-166 Mr-Ap '61. (MIRA 14:4)

1. Iz gospital'noy khirurgicheskoy kliniki imeni prof. V.M. Bogoslavskogo (zav. - prof. R.V. Bogoslavskiy) Stalinskogo meditsinskogo instituta (dir. - dotsent A.M. Ganichkin).
(ANGINA PECTORIS)

BELIK, I.K., tekhnik.

Automatic excitation control of low-capacity synchronous generators. Energetik 5 no.1:21-23 Ja '57. (MLRA 10:2)

(Voltage regulators)

PILITSYN, Mikhail Varfolomeyevich; KISELEV, Anatoliy Konstantinovich; BUROV, Vasiliy Sergeyevich; BELIK, Ivan Timofeyevich; AKIMOVA, V.G., red.

[Diamond grinding and lapping of hard-alloy cutting tools at the Voskov Plant. Grinding of ferrite articles with synthetic-diamond wheels on the MI bond; practice of the "Il'ich" Abrasive Plant] Almaznaia zatochka i dovodka tverdosplavnogo rezhushchego instrumenta na zavode im. Voskova. Shlifovanie ferritovykh izdelii krugami iz sinteticheskikh almazov na sviazke MI; opyt abrazivnogo zavoda "Il'ich" [By] V.S.Burov i I.T.Belik. Leningrad, 1965. 17 p. (MIRA 18:4)

SOV/84-58-11-11/58

AUTHOR: Belik, Klara, Engineer-Economist of the UASP and VS (Administration of Special Services Aviation and Aerial Photography Planning Department)

TITLE: Great Work Performed by Light Aircraft (Bol'shiye dela "Maloy" aviatsii)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 11, pp 5-7 (USSR)

ABSTRACT: The author describes the role of single-engine or "light" aircraft, which have become an indispensable adjunct of Soviet agriculture, aerial photography, geological surveying. The An-2 plane has replaced the former Po-2 of lesser capacity. The Mi-1, Mi-4, and Ka-15 helicopters operate in inaccessible areas of the country. The 1959-1965 plan calls for increased participation of aircraft in weed control and crop fertilizing. Colored aerial photography will be developed on a much larger scale to facilitate the work of geodesists and cartographers. Unexplored regions in the Soviet North, Urals and Siberia will be surveyed by air in

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search for oil, coal, ore, and precious stones. Special services aircraft will require new improved techniques. Designers will have to construct aircraft of appropriate and favorable take-off and landing facilities. There is need for planes carrying 20 to 30 passengers, and for those provided with special optical and range-finding equipment. There is 1 photograph.

ASSOCIATION: UASP and VS (Administration of Special Services Aviation and Aerial Photography Planning Department)

L 45696-66 EWT(d)/ IJP(c)

ACC NR: AR6017340 SOURCE CODE: UR/0044/66/000/001/B113/B114

AUTHOR: Belik, L. V.; Kablukov, V. A.; Manashkin, L. A.

REF SOURCE: Tr. Dnepropetr. in-ta inzh. zh.-d. transp., vyp. 50, 1964, 35-38

TITLE: Automatic selection of a step in the solution of problems by the Runge-Kutta method

SOURCE: Ref. zh. Matematika, Abs. 1B540

TOPIC TAGS: ordinary differential equation, numerical solution, Runge Kutta integration method

TRANSLATION: A method is studied for the automatic selection of a step in the numerical integration of differential equations by the Runge-Kutta method. Variant 1: Given a scale of permissible errors ε and a corresponding scale of steps h_k ($k=1,2,\ldots,n$), the selection of a step is carried out according to the algorithm

$$\begin{aligned} &0<\delta<\varepsilon, && h_0,\\ &\varepsilon<\delta<2\varepsilon, && h_1,\\ &\cdots\cdots\cdots\\ &n\varepsilon<\delta<(n+1)\varepsilon, && h_n. \end{aligned}$$ where $\delta=|y_l|_{x+h}-|\bar{y}_l|_{x+h}$,

$\bar{y}_i$ are the values of y_i computed at this point by Newton's formula. However, here

UDC: 518:517.91/.94

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the choice of a step is limited by the scale, an increase in which produces a corresponding increase in the number of memory cells required. Variant 2: Given an interval of permissible error $[\varepsilon_{min}-\varepsilon_{max}]$ and a step h. The choice is made according to this algorithm:

$$\begin{aligned} &\varepsilon_{min}<\delta<\varepsilon_{max}, && h_k=h_{k+1},\\ &\delta<\varepsilon_{max}, && 2h_k=h_{k+1},\\ &\varepsilon_{max}<\delta, && \frac{1}{2}h_k=h_{k+1}. \end{aligned}$$

An inspection of the interval $[\bar{\varepsilon}_{min}, \bar{\varepsilon}_{max}]$, which contains $[\varepsilon_{min}, \varepsilon_{max}]$ leads to an algorithm which assures a more rapid choice of the step:

$$\begin{aligned} &0<\delta<\bar{\varepsilon}_{min}, && h_{k+1}=4h_k,\\ &\bar{\varepsilon}<\delta<\varepsilon_{min}, && h_{k+1}=2h_k,\\ &\varepsilon_{min}<\delta<\varepsilon_{max}, && h_{k+1}=h_k,\\ &\varepsilon_{max}<\delta<\bar{\varepsilon}_{max}, && h_{k+1}=\frac{1}{2}h_k,\\ &\bar{\varepsilon}_{max}<\delta, && h_{k+1}=\frac{1}{4}h_k. \end{aligned}$$

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ACC NR: AR6017340

A block diagram is shown for this variant, the advantage of which is in the fact that the magnitude of the step is in practice unlimited. This makes it possible to arrive all the way up to the point of discontinuity if one is solving a system of differential equations containing functions which are piece-wise continuous in the derivatives. Interrupting the solution at the discontinuity point, one may continue on the other side of the discontinuity. I. Shelikhova.

SUB CODE: 12/ ~~SUBM DATE:~~ none

Card 3/3 MT

FELIK, L.

Protivozdushnaia oborona aerodromov. [Anti-aircraft protection of airports]. (Krasnyi flot, Feb. 6, 1941).

DLC: VA570.K7

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified

BELIK, LUDEK

10(0); 26(1) PHASE I BOOK EXPLOITATION CZECH/2369

Československá Akademie Věd. Sekce technická

Proudění v lopatkových strojích (Flow Through Turbomachinery) Praha, Nakladatelství Československé Akademie Věd, 1958. 413 p. (Series: Its: Sborník ústavu pro výzkum strojů) Errata slip inserted. 1,250 copies printed.

Scientific Ed.: Jan Jerie, Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences; Resp. Ed.: Ladislav Hrdina; Tech. Ed.: František Končický.

PURPOSE: This collection of papers is intended for engineers and scientific workers in the field of turbomachinery.

COVERAGE: The collection covers turbomachinery theory, investigations of the flow of working substance in basic elements of turbomachines, phenomena accompanying flow and variable with time, and investigations of various problems on experimental machines and models. A Russian and an English summary follows each paper. No personalities are mentioned. There are 189 references: 73 Czech, 57 English, 38 German, 20 Russian, and 1 Dutch.

9

SOV/96-58-8-17/22

AUTHOR: Bělik, L. (Engineer) (Czechoslovakia)

TITLE: The Application of Theoretical and Experimental Methods in Designing Impulse-type turbine grids (Primeneniye teoreticheskikh i eksperimental'nykh metodov pri proyektirovanii turbinnykh reshetok aktivnogo tipa)

PERIODICAL: Teploenergetika, 1958, Nr 8, pp 83-86 (USSR)

ABSTRACT: The works imeni V.I.Lenin in Pilsen is systematically studying the flow path of steam turbines, with particular reference to the impulse type which is widely used in Czechoslovakia. Investigations on the flow paths of turbines are being made in close collaboration with the corresponding Czechoslovak Research Institutes and Works; the Research Institute of Thermotechnics (IIT), the Aviation and Research & Testing Institute (IIAI), Institutes of the Czechoslovak Academy of Science, and the works imeni Lenin in Pilsen. This article is on problems of improving the aerodynamics of turbine blading having profiles on which the flow is turned through large angles of the order of 130° and of high relative thickness, assuming plane flow for small values of the M number. Modern theoretical

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The Application of Theoretical and Experimental Methods in Designing Impulse-type Turbine Grids

methods of studying turbine blading are based on the assumption of potential flow outside the boundary layer. An important problem in blading theory is to find the best blade shapes. Dr. Shpachek, of the IIT, has shown that this problem can be solved. The problem of the theoretical investigation of turbine blading can now be considered solved in principle, particularly for an incompressible medium. In our work special attention was paid to methods applicable to the design of new turbine blade profiles or likely to aid systematic theoretical investigations of blading. Computers were used to determine the velocity distribution on blade profiles. A relaxation solution of the Laplace equation served to check the flow over the inlet section of a typical profile. Results of this kind obtained for blading V2 after nine approximations are given in Fig 1. Fig 2 shows a velocity distribution over a B1 profile as calculated by the method described and determined experimentally. The agreement is good. Static tests on blading grids are then described. The experimental

The Application of Theoretical and Experimental Methods in Designing Impulse-type Turbine Grids

set-up is illustrated schematically in Fig 3 which shows the supersonic wind tunnel and Fig 4 which shows the instrumentation. The blades tested were 4 mm long and made of plastic. A list is given of the determinations that were made. The use of theoretical and experimental methods in designing type B1 blade profiles is then described and velocity distribution curves for the new and old profiles are compared in Fig 5. The aerodynamic characteristics of the new profile were tested and agreement with theory was good, as will be seen from Fig 2. The loss factor and the outlet angle as functions of the inlet angle are plotted in Fig. 6 and the velocity distributions for three inlet angles in Fig 7. It is observed that flow takes place over the profile without the boundary layer

The Application of Theoretical and Experimental Methods in Designing Impulse-type Turbine Grids

breaking away. As a result of this successful work much useful experience was gained and the new blade profiles are being manufactured in the works imeni V.I. Lenin in Pilsen.

There are 7 figures, 7 literature references (2 English, 2 German, 2 Russian, 1 Czech.)

1. Steam turbines--Design 2. Steam trubine blades--Aerodynamics
3. Steam turbine blades--Test methods 4. Research and Development

BELIK, L.

Increasing the thermodynamic efficiency of steam turbines. p. 336.

STROJIRENSTVI. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia. Vol. 9, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

BELIK, L., doc. inz. CSc.

Use of computers in examination of the performance of steam turbines. Strojirenstvi 14 no.1:58-64 Ja'64.

1. Zavody V.I. Lenina, Plzen.

BELIK, Ludek, kand. tekhn. nauk (Chekhoslovakiya)

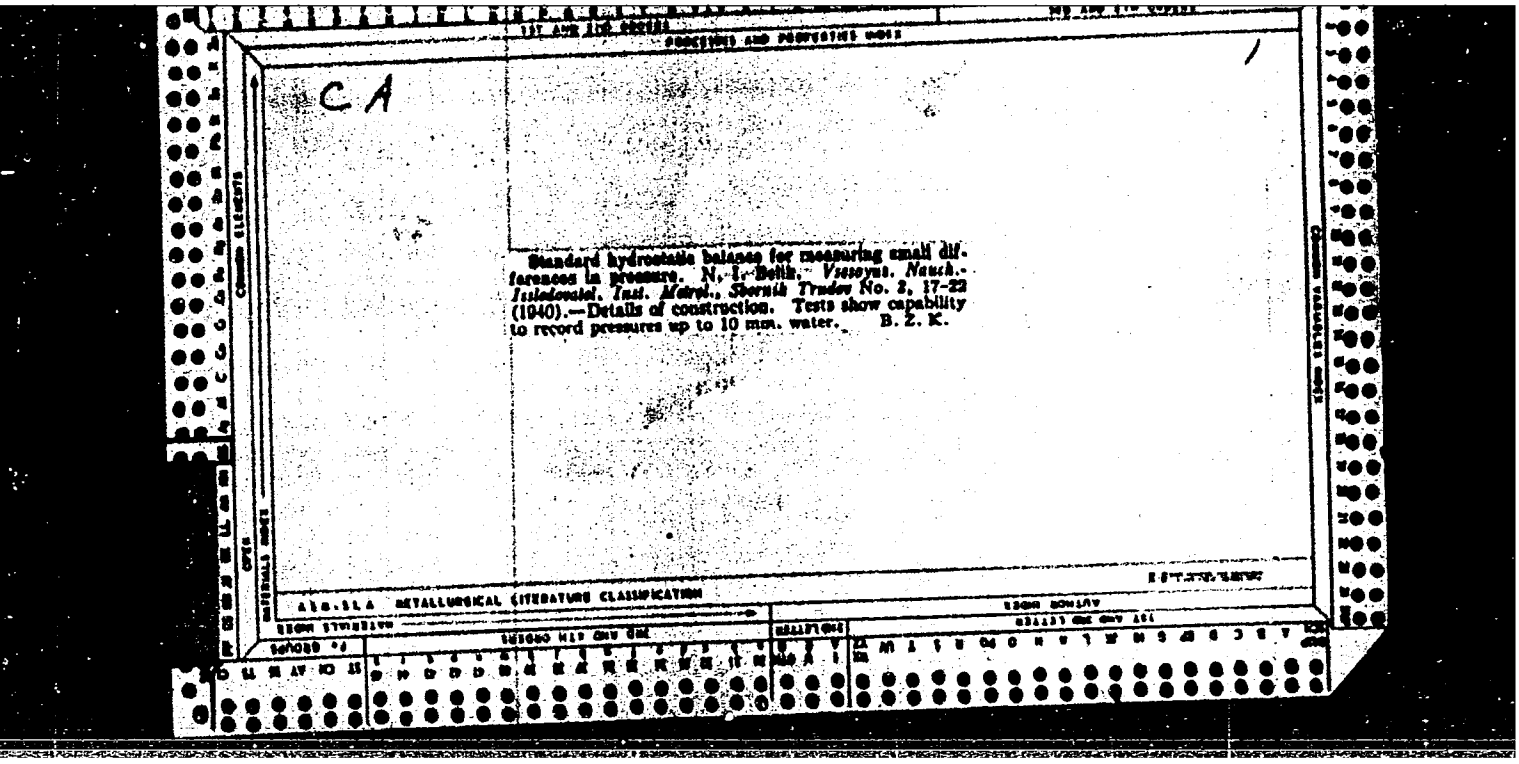
Use of automatic computers in studying the aerodynamics of the runners of steam turbines. Teploenergetika 11 no.7:85-89 Jl '64. (MIRA 17:8)

BELIK, N.G., fel'dsher

Our experience in carrying out studies for the detection of cancer patients. Fel'd. i akush. 24 no.5:48-49 My '59.
(MIRA 12:8)

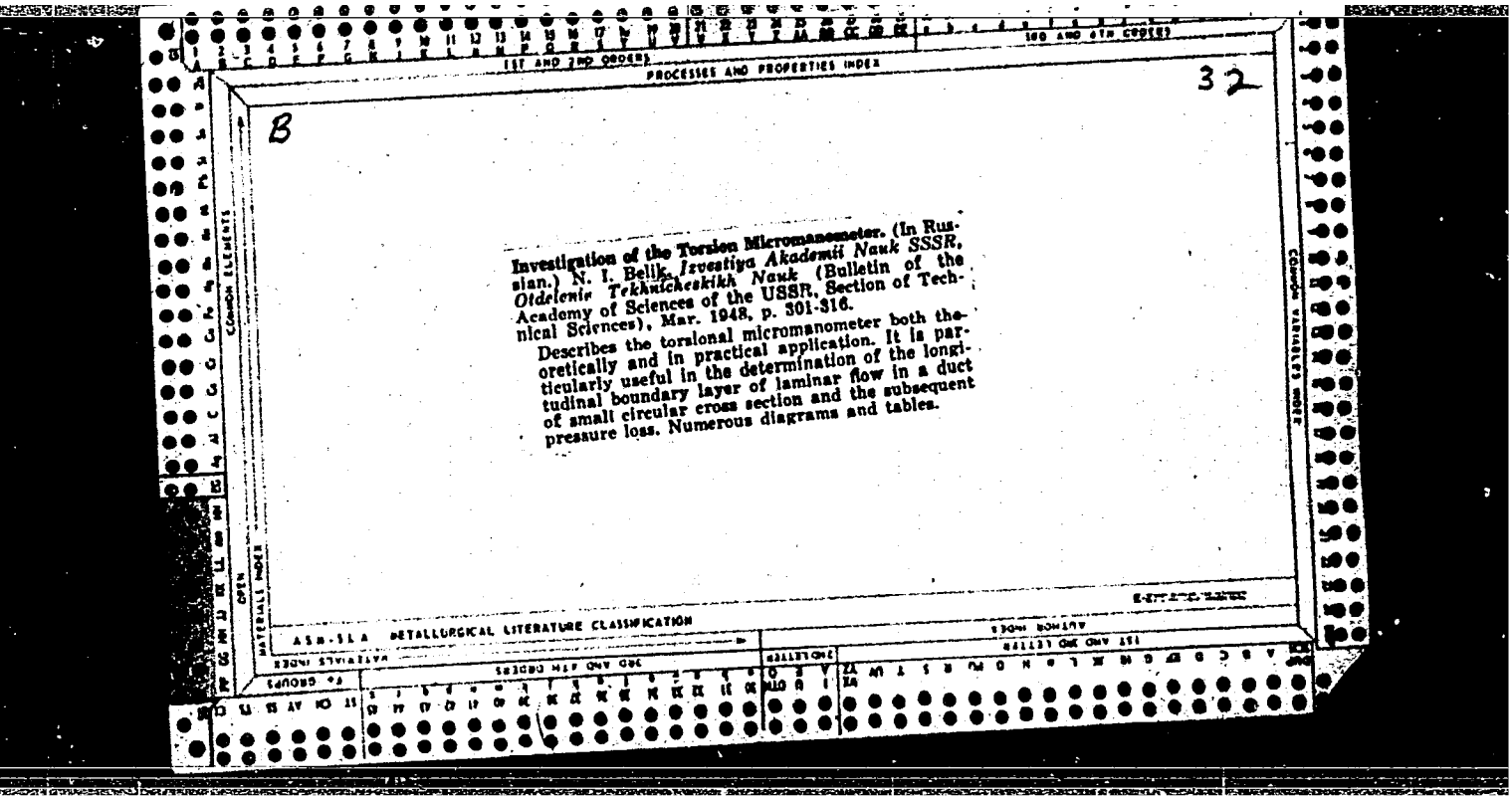
1. Aleksandrovskiy fel'dshersko-akusherskiy punkt Kirovogradskoy oblasti.

(CANCER)



CA

Standard hydrostatic balance for measuring small differences in pressure. N. I. Bettin. *Vestnyn. Nauch.-Issledovatel. Inst. Metrol., Sbornik Trudov* No. 2, 17-22 (1940).—Details of construction. Tests show capability to record pressures up to 10 mm. water. B. Z. K.



B

32

Investigation of the Torsion Micromanometer. (In Russian.) N. I. Belik. *Izvestiya Akademii Nauk SSSR, Otdelenie Tekhnicheskikh Nauk* (Bulletin of the Academy of Sciences of the USSR, Section of Technical Sciences), Mar. 1948, p. 301-316.

Describes the torsional micromanometer both theoretically and in practical application. It is particularly useful in the determination of the longitudinal boundary layer of laminar flow in a duct of small circular cross section and the subsequent pressure loss. Numerous diagrams and tables.

BELIK, N.I.; KONDAK, M.A., doktor tekhnicheskikh nauk, redaktor; MINEVICH, I.N., tekhnicheskiy redaktor.

[Micromanometers] Mikromanometry. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1953. 150 p. (MLRA 8:2)
(Manometers)

BELIK, N. I.
USSR/Engineering - Inspection Tools

Card 1/1

Author : Belik, N. I.

Title : A hydraulic cylinder press for inspection and checking measurements

Periodical : Stan. i Instr. Ed. 1, 19, Jan/1954

Abstract : A hydraulic cylinder press used for checking pressure and seals in micropressure gauges, engine cylinder barrels, and other types of equipment is described. Drawing.

Institution : .....

Submitted : .....

BELIK, N. I.

USSR/Engineering FD 272

Card 1/1

Author : Belik, N. I.

Title : Theoretical investigation of dynamic errors in diaphragm-type instruments

Periodical : Iz. Ak. Nauk SSSR, OTN, 105-113, Jan 1954

Abstract : Presents a method for determining dynamic errors of a diaphragm-type instrument which measures small variations in gas pressure. Equations, formulas, drawing.

Institution :

Submitted : December 5, 1953. Presented by Academician M. V. Kirpichev.

BELIK, N. I.

Belik, N. I. -- "Theoretical and Experimental Fundamentals of the Construction of Apparatus which Measure Small Differences in the Pressures of Gases." Inst of Automatics and Telemechanics of the Acad Sci USSR, Kiev, 1955 (Dissertation For Degree of Doctor of Technical Sciences).

SO: Knizhnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

BELIK, Nikolay Ivanovich; SHCHEDROVITSKIY, S.S., kand.tekhn.nauk, retsenzent; OBMORSHEV, A.N., doktor tekhn.nauk, prof., red.; KOCHETOVA, G.F., red.izdatel'stva; TIKHANOV, A.Ya., tekhn.red.

[Instruments for measuring differentials of gas pressure; theory, methods of research and testing] Pribory dlia izmerenii malykh raznostei davlenii gazov; teoriia, metody issledovanii i poverka. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 226 p. (Manometer) (MIRA 10:12)

BELIK, NIKOLAY IVANOVICH

PHASE I BOOK EXPLOITATION 444

Belik, Nikolay Ivanovich

Pribory dlya izmereniy malykh raznostey davleniy gazov; teoriya, metody issledovaniy i poverka (Gages for Measuring Small Differences in Gas Pressure; Theory, Methods of Research and Testing) Moscow, Mashgiz, 1957. 226 p. 4,000 copies printed.

Reviewer: Shchedrovitskiy, S.S., Candidate of Technical Sciences; Ed.: Obmorshev, A.N., Doctor of Technical Sciences, Professor; Ed. of Publishing House: Kochetova, G.F.; Tech. Ed.: Tikhanov, A.Ya.

PURPOSE: This book is intended as an aid to engineers and technicians engaged in the designing, operation, and repair of micromanometers.

COVERAGE: The book presents theoretical and experimental methods of building various types of micromanometers. There are 67 references, of which 33 are Soviet, 13 German, 20 English, and 1 French.

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