

NUGMANOVA, R.N.; MUSABAYEV, I.K.; GUSEVA, D.M.; MUKHAMEDOVA, I.G.

Determination of cobalt in blood serum. Uzb. khim. zhur. 7
no.5:20-25 '63. (MIRA 17:2)

1. Tashkentskiy institut usovershenstvovaniya vrachey.

NUGMANOVA, Sh. S.

Equations of the motion of controlled systems. Trudy KMI 27:23-40
(MIRA 10:6)

'53.
(Servomechanisms)

(Differential equations)

HUGHANOVA, Z.Z.; YUSUPOV, B.M.

Syukeyevo bituminous dolomites as raw material for the asphalt
mastic industry. Izv.Kazan.fil.AN SSSR Ser.geol.nauk no.3:44-50
'55. (Syukeyevo--Bituminous materials) (MLRA 9:7)

BAZANOVA, N.O.; NUGMATZHANOV, K.G.

Age-related dynamics of total and residual nitrogen in the
abomasum of sheep. Izv. AN Kazakh. SSR. Ser. biol. nauk 3
no. 3:80-84. My-Je '65. (MIRA 18:9)

NUGRU, Aleksandr

New fungus species in the Rumanian People's Republic. Izv. AN Arm.
SSR. Biol. nauki 13 no.2:85-89 P '60. (MIRA 13:7)

1. Kafedra botaniki Kluzhskogo universiteta Rumynskoy Narodnoy
Respubliki.

(RUMANIA---FUNGI, PHYTOPATHOGENIC)

NUHIC, Fadil, inz.

Added equipment to signaling and safety installations. Zeleznice
Jug 19 no.4:44-48 Ap '63.

NUHLICEK, F.

Hejatko, S. Technology of molding plastic materials in industry.
p. 519.
TECHNICKA PRACA, Bratislava, Vol. 6, no. 9, Sept. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

NUHLICEK, F.

Hejatko, S. Technology of molding plastic materials in industry.
p. 591.
TECHNICKA PRACA, Bratislava, Vol. 6, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

NUHLICEK, F.

Bearings of plastic materials in rolling mills. p. 169.
(HUTNIK, vol. 5, no. 6, June 1955, Praha)

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

NUHLICKÝ, FRANTIŠEK

3701* Practical Experience in the Use of Plastic Bearings in Steel Rolling Mills. Niektoré skúsenosti s používaním ložísk z plastických hmôt vo valcovniach. (Slovak). František Nuhlíček. *Hutník*, v. 5, no. 10, Oct. 1955, p. 299-302.

Effect of various types of lubricants with water cooling. Bearing materials and designs. Tables, diagrams. 2 ref.

1
P.B. 8/11

NUHLICEK, F.

Z/009/60/010/05/036/040
E142/E135

AUTHOR: None given

TITLE: Book Reviews

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 5, pp 263-264

ABSTRACT: The following books are reviewed:

1) "The Manufacture, Processing and Uses of Thermo-Setting Compounds", by F. Nuhliček and Z. Osadan. Published by SNTL, Bratislava, (1959). Reviewed by L. Fogarassy.

2) "Introduction to the Theory of Organic Chemistry" (Einführung in die theoretische organische Chemie) by H.A. Staab, published by Verlag Chemie, Weinheim, 1959. Reviewed by A. Vystrčil, (Charles University) L. Novotný and J. Křepinský (Czech Academy of Sciences). ✓

3) "A Text Book of Practical Organic Chemistry" by A.I. Vogel, published by Longmans, Green & Co., London, 1956. Reviewed by A. Vystrčil (Charles University).

4) "Free Radicals in Solution" by C. Walling, published by John Wiley & Sons Inc., New York, 1957. Reviewed by Z. Machacek.

Card
1/2

Z/009/60/010/05/036/040
E142/E135

Book Reviews

5) "Gas Chromatography", by A.I.M. Keulemans, published by Verlag Chemie GmbH, Weinheim, 1959.
Reviewed by A. Tockstein (VŠChT, Pardubice).

6) "Lectures Held During the Sixth Conference on Gas Chromatography 1959". Výzkumný ústav syntetického kaucuku (The Research Institute for Synthetic Rubber) n.p. KAUCUK in Gottwaldov has published in book form the lectures held during the above Conference. ✓

Card
2/2

PHASE I BOOK EXPLOITATION

SGV/5099

Nuhlíček, František

Podshipniki skol'zheniya iz plastmass (Sliding Bearings Made of Plastics)
Moscow, Mashgiz, 1960. 70 p. 9,000 copies printed. Translated from the
Slovak.

Translator: A. A. Zhukov, Engineer; Tech. Ed.: T. F. Sokolova; Managing Ed.
for Literature on General Technical and Transport Machine Building (Mashgiz):
A. P. Kozlov, Engineer.

PURPOSE: This booklet is intended for workers in planning and design organizations
and for those in the chemical industry who are specializing in the manufacture of
machine parts made of plastics.

COVERAGE: The author reviews properties of plastics used as material for bearings.
The process of manufacturing bearings made of plastics is discussed. Operational
and experimental data on such bearings are included. Also discussed are the pos-
sibilities of using plastic bearings in the machine industry and the economic
importance of their use as a substitute for nonferrous metals. No personalities
are mentioned. There are no references.

Card 1/3

... in medical diagnosis is evaluated. 2 Figures, 2 Tables, 9
Western, 7 Czech, 8 USSR references. (Manuscript received Jun 66).

NUIC, Ivica

Our electrical industries and their problems. Elektroprivreda 14 no.
7/8:337-338 J1-Ag '61.

1. Sekretar Udruzenja SIK, Beograd.

NUIC, Kamenko, inz.

Problems in spiral spring manufacture. Tehnicki progled 14
no.2:70-71 '62.

NUIC, Kámenko, inz.

Statics of joint chains. Tehnicki pregled 14 no.3/4:123-124 '62.

NUIC, Kemko, inz.

Cementation of the elements of precise steel joint chains according to the standards DIN 8180, DIN 8187, and DIN 8188. Tehnicki pregled 14 no.3/4:125 '62.

NUIC, Kamenko, inz.

Main equations for steel linked chains. Tehnicki pregled
14 no.5:165-180 '62.

NUIC, Kamenko, inz.

Quantitative relations in the oil filtering of systems for
lubricating explosive motors. Nafta Jug 15 no.7/8:208-213
Jl-Ag '64.

1. Oil Institute, Zagreb.

NUKHMAN, A.

Sections of the society and the technological council of enterprises. NTO no.8:49-50 Ag '59. (MIRA 12:11)

1. Zamestitel' predsedatelya pravleniya soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva tormoznogo zavoda, Moskva.
(Research, Industrial)

TOPOLYANSKAYA, S.I.; FEDOROVA, O.A.; NUKHINAREVICH, A.F.; BRONSHTEYN, R.B.;
GRINBERG, TS.B.; NIKOLAYEVA, K.G.; SPERANSKAYA, K.I.; IVANOVA, V.N.;
KISELEVA, V.P.; VIL'SHANSKAYA, F.L.; MATVEYEVA, V.N.

Finds of Salmonella reading. Zhur. mikrobiol. epid. i immun. 32
no.7:123 Je '61. (MIRA 15:5)

1. Iz sanitarno-epidemiologicheskoy stantsii Kalininskogo rayona
Moskvy i Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(SALMONELLA READING)

NUKHOVICH, E., kand. ekonomicheskikh nauk

Backwardness of river transportation in Great Britain. Rech.
transp. 21 no.10:54-55 0 '62. (MIRA 15:10)

(Great Britain--Inland water transportation)

KOVALEV, A., inzh.; NUKHOVICH, E., inzh.

Experience in mixed river-sea transportation. *Rech. transp.* 22
no.10:61-62 0 '63. (MIRA 16:12)

KOZLOV, I.V., dorozhnyy master (stantsiya Kiik Tashkentskoy dorogi);
TEYEVIRE, A.V., dorozhnyy master (stantsiya Elva Estonskoy dorogi);
PODKLAD, P.I., brigadir puti (stantsiya Perm'); LOGVIN, F.G.;
NUKKA, R.Ya.; PUTNIK, N.M., dorozhnyy master (stantsiya Almaznaya
Donetskoy dorogi); TIMOFEYEV, S.

Give us an answer. Put' 1 put. khoz. no.5:41-42 My '58.

(MIRA 13:3)

1. Starshiy dorozhnyy master, stantsiya Beshtau Ordzhonikidzevskoy dorogi
(for Logvin). 2. Nachal'nik distantsii, g.Pyarnu (for Nukka).
3. Starshiy dorozhnyy master, stantsiya Karachev Moskovsko-Kiyevskoy
dorogi (for Timofeyev).
(Ballast (Railroads))

NUKKA, R.Ya.

Our practice in roadbed maintenance. Put'i put.khoz. 4 no.7:
18-19 Jl '60. (MIRA 13:7)

1. Nachal'nik distantzii, stantsiya Pyarnu, Estonskoy dorogi.
(Estonia--Railroads--Maintenance and Repair)

NUKKA, R.Ya.

Improved crossing planking. Put'i put.khoz. 5 no.5:32 My '61.
(MIRA 14:6)

1. Nachal'nik Pyarnuskoy distantcii Estonskoy dorogi.
(Railroads--Crossings)

NUKKA, R.Ya.

On a narrow-gauge section. Put' i put.khoz. 6 no.11:22 '62.
(MIRA 16:1)

1. Nachal'nik Pyarnuskoy distantzii Estonskoy dorogi.
(Railroads, Narrow gauge)

NUKKA, R.Ya.

Characteristics of narrow gauge track maintenance. Put' 1
put.khoz. no.7:21 '62. (MIRA 15:7)

1. Nachal'nik Pyarnuskoy distantzii puti Estonskoy dorogi.
(Railroads, Narrow gauge--Maintenance and repair)

NUKKA, R. Ya. ~

Means to increase traffic speeds. Put' i put.khoz. 7 no.9:47
'63. (MIRA 16:10)

1. Nachal'nik distantii, Ryarnu, Pribaltiyskoy dorogi.

NUKKA, R.Ya.

Year-round use of a snow plow. Put' 1 put.khoz. 7 no.12:16 '63.
(MIRA 16:12)

1. Nachal'nik Pyarnuskoy distantsii Pribaltiyskoy dorogi.

BULGARIA/Atomic and Molecular Physics - Gases

D-7

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 12997

Author : Khristov Khr., Nukolov, N.

Inst : Not Given

Title : Remark Concerning the Work "Establishment of Certain Probabilities and Mean Values Pertaining to Collisions and Free Paths of Gas Molecules."

Orig Pub : Izv. B"lgar. AN. Otd. fiz.-matem. i tekhn. n., ser. fiz., 1955, 5, 35-36.

Abstract : It is noted that the fundamental equation of this work (Referat Zhur Fizika, 1957, No 1, 914) are analogous to the formula obtained in one of the works by Jang (Jang, L.M., Proceedings Royal Society, 1949, 198, 94). Several advantages of the formula by the authors are indicated.

Card : 1/1

25

RUBASHEVA, A.Ye., prof., otv. red.; IOZMOGOV, A.I., prof., red.;
LIPKAN, A.F., prof., red.; KUKOVA, N.S., dots., red.

[X-ray diagnosis of bone tumors] Rentgenodiagnostika opu-
kholei kostei. Kiev, Zdorov'ia, 1964. 163.

(MIRA 17:11)

1. Kiev. Institut usoversheni stroyaniya vrachey.

CHODKOWSKI, Alfred; NULAK, Kazimierz

Usefulness of Stonebrink's medium for the isolation of tubercle bacilli from contaminated material. Med.dow.mikrob. 12 no.2: 163-166 '60.

(MYCOBACTERIUM TUBERCULOSIS culture)

NULICEK, Jiri

Increase of European air transportation charges. Letecky obzor 6 no.2:39-40
'62.

NULICEK, Jiri

Determining the course of flight in air transportation. Letecky obzor
6 no. 6:181-182 Je 62.

NULICEK, Jiri

An important success of the Czechoslovak commercial aviation.
Letecky obzor 6 no.8:246-247 '62.

NULICEK, Jiri

The air transportation in 1961. Letecky ozbor 6 no.12:
378-379 D '62.

NULICEK, Jiri

Limitation of aerial business trips? Letecky obzor 7 no.9:
268-269 S*63.

68-7-13/16

AUTHOR: Muller, P.A.

TITLE: On the Efficiency of Heating Coke Ovens with Producer Gas.
(Ob effektivnosti obogreva koksovykh pechey generatornym gazom)

PERIODICAL: Koks i Khimiya, 1957, Nr 7, pp. 51-52 (USSR)

ABSTRACT: The use of producer gas for heating coke ovens is discussed. At present this method of heating is used in the Moscow, Leningrad and Kaliningrad Coke Oven Works. The consumption of heat is about 600-620 k cal/kg of dry coal while when heating with blast furnace gas - 700 k cal/kg. When using producer gas valves should be protected from corrosion. It is pointed out that the transfer of coke ovens on heating with producer gas is justified whenever the coke oven gas so freed can be utilised in the chemical industry. As an example, the use of coke oven gas instead of coke for the production of fertilisers on the basis of synthetic ammonia is given.

ASSOCIATION: Giprokoks.

AVAILABLE: Library of Congress

Card 1/1

NULLER, Yu. B.

BANDAS, B.S.; LANDO, D.I.; LEVKOVICH, A.P.; NULLER, Yu.B.; TARASOV, G.K.;
TSIVIL'KO, V.S.

Investigations on prolonged medicinal sleep in animals; preliminary
communication. Zhur. nerv. i psikh. 54 no.9:773-787 8 '54. (MIRA 7:9)

1. Kafedra psikhiatrii Tsentral'nogo instituta usovershenstvovaniya
vrachey i Nauchno-issledovatel'skiy institut psikhiatrii Ministerstva
zdravookhraneniya RSFSR.

(SLEEP, effects,
in dogs)

NULLER, Yu. ~~YOK~~ B. Cand Med Sci -- (diss)¹⁰² "The States of
Hebephrenic: ~~EXCITATION~~ Excitation in the Course of Schizophrenia."
Mos, 1957. 16 pp 20 cm. (Min of Health USSR, Central Inst for
the Advanced Training of Physicians), 200 copies (KL, 17-57, 100)

- 73 -

NULLER, Yu.B.

Reserpine therapy in mental diseases. Trudy Gos. psikh. inst. psikh. 42:20-83 '65.

Review of literature on the use of reserpine in psychiatry.
Ibid.:185-219 (MIRA 18:9)

1. Otdeleniye shizofrenii (zav.- prof. L.L. Rokhlin) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR.

LANDO, L.I., NULLER, Yu.B.

Clinical biochemical examinations of schizophrenia patients in the process of reserpine therapy. Trudy Gos. nauch.-issl. inst. psikh. 42:111-128 '65. (MIRA 18:9)

1. Otdeleniye shizofrenii (zav.- prof. L.L. Rokhlin) i laboratoriya biokhimi (zav.- starshiy nauchnyy sotrudnik L.I. Lando) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhologii Ministerstva zdravookhraneniya RSFSR.

BAZHIN, A.A.; NULLER, Yu.L.

Use of chlorazepin in the treatment of depressive states. Zhur.
nevr. i psikh. 63 no.10:1546-1548 '63. (MIRA 17:5)

1. I Psikhiatricheskaya klinika (nauchnyy rukovoditel' - prof.
T.Ya. Khvilivitskiy), III Psikhiatricheskaya klinika (nauchnyy
rukovoditel'-prof. Ye.S. Averbukh) i laboratoriya psikhofarmakologii
(zav. -kand. med. nauk I.P. Lapin) Nauchno-issledovatel'skogo
psikhonevrologicheskogo instituta imeni V.M. Bekhtereva (dir. -
kand. med. nauk B.A. Lebedev), Leningrad.

NULLER, Yu.I.

Experimental evaluation of a time reproduction method. Top.
psikhol. no.4:94-98 JI-Ag '64.

(MIRA 17:11)

1. Psikhonevrologicheskiy institut imeni V.M. Bekhtereva,
Leningrad.

NULLER, Yu.L.

Use of a graded evaluation scale for the quantitative determination of the therapeutic effectiveness of anti-depressants. Zhur. nevr. i psikh. 64 no.3:449-452 '64.
(MIRA 17:5)

1. Laboratoriya psikhofarmakologii (rukovoditel' - kand. med. nauk I.P. Lapin) i 1-ye psikhiatricheskoye otdeleniye (rukovoditel' - prof. T.Ya. Khvilivitskiy) Psikhonevrologicheskogo instituta im. V.M. Bekhtereva, Leningrad.

NUL'MAN, F.S., promyshlennno-sanitarnyy vrach; PETROSYANTS, S.M.,
promyshlennno-sanitarnyy vrach

Hygienic importance of contaminated material from hands
and industrial equipment. Gig. i san. 28 no.7:74-76 J1 '63.
(MIRA 17:1)

1. Iz Tashkentskoy gorodskoy sanitarno-epidemiologicheskoy
stantsii.

NUL'MAN, N.^I (Kiyev); SUKHENKO, V., glvnyy inzhener (Kiyev).

Obtaining decorative-finishing laminated plastics. Stroi.mst.,
izdel.1 konstr. 2 no.6:15-16 Je '56. (NERA 9:8)

1. Direktor kombinata "Stroydetal'" (for Nul'man).
(Plastics) (Tiles)

GOL'TSMAN, Isaak Iosifovich; NARIZHNYI, Viktor Artemovich; NUL'MAN,
Natan Isaakovich; MIKHAYLOV, G., red.; KOVAL'CHUK, G.,
tekhn.red.

[Windows and doors of a new type] Okna i dveri novykh
konstruktsii. Kiev, Gos.isd-vo lit-ry po stroit. i arkhit.
USSR, 1959. 78 p. (MIRA 13:5)

(Doors)

(Windows)

NULUBOWICZ, R.

Poland/Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour : Ref Zhur-Khimiya, No 2, 1958, 4216.

Author : Nulubowicz R., Jaskolski S.

Inst : ~~Not given.~~

Title : Materials on the Study of Pyritized Shales
in Wisciszowicachi and Pyrite's Genesis.

Orig Pub : Przegl. Geol. 1957, 5, No 7, 303-310.

Abstract : No abstract.

Card 1/1

NUMANOV, I. U.

USSR/Chemistry - Catalysts

Nov/Dec 51

"Effect of Super-High Pressures of the Catalytic Properties of Aluminum Oxide,"
L. F. Vereshchagin, L. Kh. Freydlin, A. M. Rubinshteyn, I. U. Numanov, Inst Org
Chem, Acad Sci USSR

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 6, pp 809-818

Investigation of catalytic activity in the dehydration of ethyl alc and of the structure of samples of aluminum oxide before pressing and after pressing at 20,000 atm showed that the pressed catalysts are more effective and durable. Established that pressing at 20,000 atm does not result in phase transformations of Al_2O_3 ; the only change is reduction of macroporosity.

PA 197TL7

NUMANOV, I. U.

7

U S S R .

/ Effect of pressing on the character of porosity, catalytic properties, and chromatographic activity of silica gel. L. Kh. Freidlin, L. P. Vereshchagin, I. E. Nelmark, I. U. Numanov, and R. Yu. Sheintain. *Bull. Acad. Sci. USSR Div. Chem. Sci.* 1953, 841-5 (Engl. translation).—See *C.A.* 48, 4939f. H. L. H.

NUMANOV, I.U.

USSR/Chemistry - Catalysts

Card 1/1 : Pub. 40 - 21/22

Authors : Freydlin, L. Kh.; Vereshchagin, L. F.; Neymark, I. E.; Numanov, I. U.;
and Sheynfayn, R. Yu.

Title : Effect of compression on the porosity, catalytic properties and chroma-
tographic activity of silica gel

Periodical : Izv. AN SSSR. Otd. khim. nauk 5, 945-950, Sep-Oct 1953

Abstract : The effect of 20,000 atm pressures on the change in porosity, adsorb-
ability and catalytic properties of silica gel was investigated. The
chromatographic activity of silica gel compressed at 20,000 atm was
found to be about 25% lower than the activity of non-compressed s. g.
The greatest reduction (almost 50%) in specific sorption volume of
pores (total volume of micro- and transient pores) of large porous
silica gel was observed at 5000 atm. but its specific surface area
remained unchanged. Maximum reduction in specific sorption volume of
pores of micro-porous silica gel was established during compression of
latter at 10,000 atm. Five USSR references (1949-1952). Tables, graphs.

Institution : ...

Submitted : December 13, 1952

N. N. MANOU, F. J.

7

The influence of compression on the properties of solid catalysts. L. Kh. Freidin, L. P. Vereshchagin, and L. U. Novikova (Inst. Chem. Acad. Sci. U.S.S.R., Moscow). Dokl. Akad. Nauk S.S.S.R. 88, 1011-14 (1953). Compression of supported catalysts improves in general their mech. strength, activity, useful life, and bulk. An catalysts were compressed in ampuls of pure Al₂O₃ with a gel catalyst which was compressed in ampuls of pure Al₂O₃ and Cu. The app. was described previously (ibid. 40, 1839). Compression to 20,000 atm decreased the vol. of Al₂O₃ catalyst 1.4, ThO₂ 1.5, TiO₂ 2.0, ZnO 3.3, and PtO₂ 3.2, and macroporous (I) or microporous (II) silica gels both with 2% CuCl₂ 1.3 times. The catalysts in the above order were used for the following reactions: dehydration of EtOH at 247-316°, decompn. of EtOH at 300-370°, dehydrogenation of iso-BuOH at 340-380°, dehydration of 82% HCOOH at 180-216°, and both I and II catalysts for vapor-phase hydrolysis

of chlorobenzene (III) at 450-600°. Activity of the same wt. of catalyst changed 1.00, 1.27, 0.51, 0.50, 0.27, 1.00, and 0.05-fold resp. Compression of the catalysts did not change the activation energy of the above reactions. Decomposition of EtOH with ThO₂ as catalyst was considered an exception because the presence of the catalyst led to formation of products 33% as well. Hence the increased activity of silica gels (I and II) and silica gel I did not change their mech. strength, sp. surface, crystal lattices and characteristic of pores, hence their sp. activity did not change. X-ray examn. of the other catalysts did not reveal any change in their lattices, however, the sp. surface of silica gel II decreased with compression from 680 to 200, contrary to I which decreased from 350 to only 290 sq. m./g. Silica gel I was compressed to 5000, 10,000, and 20,000 atm. Reaction III showed highest yields of phenol when I was compressed to 5000 atm. only; e.g. at 500° the yield was 9.2 when noncompressed I was used, 13.4 with I compressed to 5000, 9.5 with I compressed to 10,000, and 9.2% with I compressed to 20,000 atm. It is concluded that compression did not change the lattice of active centers in the catalysts. Frank J. Hendel

NUMANOV, I. U.

U.S.S.R.

Effect of compression on properties of catalysts for reactions of dehydrogenation and dehydration. I. P. Verebyanin, I. Kh. Freidlin, I. U. Numanov, and S. G. Kulikov (Inst. Org. Chem. Acad. Sci. U.S.S.R., Moscow). *Izv. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1954, 154-61; *Bull. Acad. Sci. U.S.S.R., Div. Chem. Sci.* 1954, 127-32 (English translation); *cf. C.A.* 45, 3239h. — The effect of compression to 20,000 atm. on the catalytic properties of oxides of Zn, Ti, and Th, and $Cu_3(PO_4)_2$ was studied. The compression reduced the specific vol. of the catalysts 3.3, 2.0, 1.5-, and 2.2-fold, resp. The selectivity of dehydrogenation of iso-BuOH by ZnO and dehydration of HCO_2H by $Ca_3(PO_4)_2$ was preserved completely after compression. ThO_2 was similarly unaffected in its action on $RiOH$ in a qual. sense, but the ratio of the degree of dehydrogenation to that of dehydration is lowered. Possibly this is caused by increased difficulty of desorption of the product of reaction of the resulting aldehyde. In all cases the activation energy of the reactions on the compressed catalyst remained the same as on the uncompressed specimen. All catalysts, except ThO_2 , showed a decrease of specific activity after compression, when calcd. on a wt. basis; on a vol. basis all the catalysts showed increased spec. activity, except $Ca_3(PO_4)_2$. The compression failed to change in any way the cryst. form of the catalysts.

G. M. Kosolapoff

3

Mag

И. У. Манов, И. У.

USSR /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31910

Author : Numanov I. U., Skobelina A.I.

Inst : Academy of Sciences Tadzhik SSR

Title : Catalytic Cracking and Desulfurization of Wide
Fraction of Kzyl-Tumshuk Petroleum over Local
Clay

Orig Pub: Tr. AN TadzhSSR, 1955, 41, 69-76

Abstract: Report of the results of the use of grey benton-
ite clay of Tadzhikistan, having the composition
(in % by weight): SiO_2 60.24, Al_2O_3 22.79,

Card 1/3

USSR /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31910

ated 8%, naphtheno-paraffinic 57.7%, and re-
quires additional purification with 96% H_2SO_4 ,
to lower the S-content of the fuel. Gases of
cracking over clay contain up to 80% hydrogen
and little unsaturated. SAC gives in all in-
stances high yields of gasoline fractions (up to
42% by volume) and a higher degree of desulfuri-
zation.

Card 3/3

NUMANOV, I.U.; SKOBELINA, A.I.

Catalytic cracking and desulfurization of a wide fraction of
Khandag petroleum over a clay of Tajikistan. Izv. Otd. est. nauk
AN Tadsh. SSR no.16:29-38 '56. (MLBA 10:4)

1. Institut khimii AN Tadshikskoy SSR.
(Khandag--Petroleum--Refining)

RUMYANTSEVA, Z.A.;NUMANOV, I.U.

Chemical study of coals and petroleum of Tajikistan. Izv. Uzd.
est. nauk AN Tadzh. SSR no. 24:11-20 '57. (MIRA 11:10)

1. Institut khimii AN Tadzhikskoy SSR.
(Tajikistan--Coal--Analysis)
(Tajikistan--Petroleum--Analysis)

NUMANOV, I.U.; SKOBELINA, A.I.; TOIMACHEVA, G.L.; YAKUBOV, Kh.M.

Sulfur organic compounds of petroleum from the southern part of Central Asia. Report No.1: Sulfur organic compounds of petroleum from the Kzyl-Tumshuk and Khauldag deposits. Izv. Otd. geol.-khim. i tekhn. nauk AN Tadzh. SSR no.1:69-78 '59.
(MIRA 14:8)

1. Institut khimii AN Tadzhikskoy SSR.
(Kzyl-Tumshuk--Petroleum--Analysis)
(Khauldag--Petroleum--Analysis)
(Sulfur organic compounds)

NUMANOV, I.U.; SKOBELINA, A.I.

Sulfur organic compounds of crude oils from southern Central Asia. Dokl. AN Tadzh. SSR 2 no. 3: 7-10 '59. (MIRA 13:4)

1. Institut khimii AN Tadzhikskoy SSR. Predstavleno akademikom AN Tadzhikskoy SSR V.P. Krasichkovym.
(Sulfur organic compounds) (Soviet Central Asia--Petroleum)

NUMANOV, I.U.; GAL'PERN, G.D.; KARAULOVA, Ye.N.; BEZINGER, N.N.; CHAYKO,
V.P.; SKOBELINA, A.I.; SPECHILOVA, T.V.

Composition, properties, and methods of extraction of hetero-
atomic components from the petroleum of southern Central Asia.
Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol.nauk no.6:31-35
'63. (MIRA 18:1)

1. Khimicheskiy institut AN Tadzhikskoy SSR.

L 8184-66 EWT(m) RM

ACC NR: AP5026462

SOURCE CODE: UR/0204/65/005/005/0747/0752

AUTHOR: Gal'pern, G. D.; Karaulova, Ye. N.; Numanov, I. U.; Skobelina,
A. I.; Chayko, V. P.ORG: Institute of Petrochemical Synthesis im. A. V. Topchiyeva AN SSSR
(Institut neftechimicheskogo sinteza AN SSSR)TITLE: Isolation of sulfides from average petroleum fractions from the
Khaudag and Kyzyl-Tumshuk fields

SOURCE: Neftekhimiya, v. 5, no. 5, 1965, 747-752

TOPIC TAGS: petroleum, petroleum refining, petroleum product, organic
sulfur compound, oxidation, solvent extractionABSTRACT: The nature of the organic sulfur compounds in the above
central Asian petroleums was investigated. The method used for
isolating sulfides - obtaining concentrates of the sulfur aromatics,
selectively oxidizing with equivalent amounts of hydrogen peroxide,
and chromatographic separation - was also found applicable to high
sulfur petroleums. 71-75% of the sulfides present in the 150-350°
fractions of the two petroleums studied were separated as sulfoxides.
Elemental analysis indicated that these sulfoxides were mostly mixtures
of mono- and bicyclic compounds of various structures. "Determination

Card 1/2

UDC: 665.51(575.4):665.517.932

L. 8184-66.

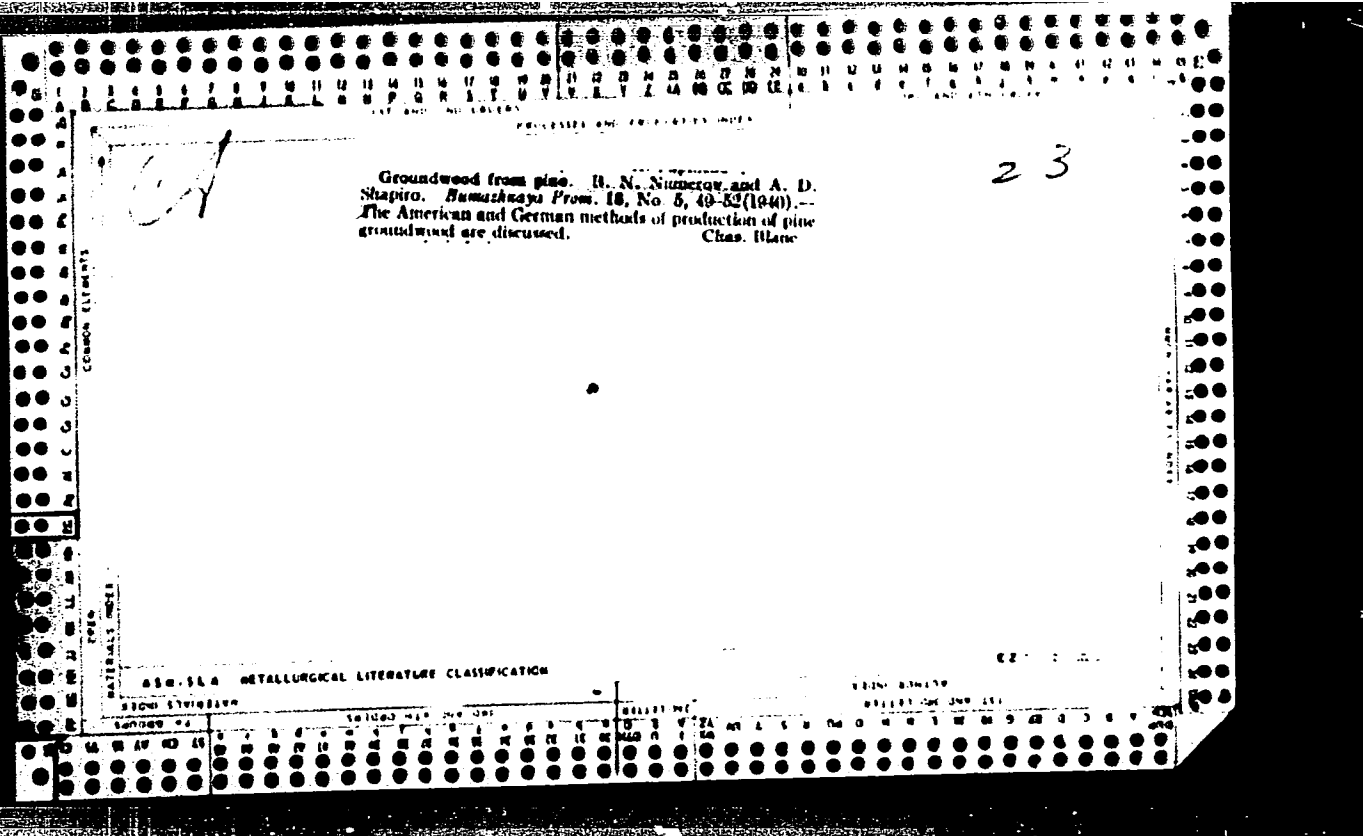
ACC NR: AP5026462

of oxygen was conducted by ⁵⁵I. K. Chudakov and ⁵⁵M. V. Yegorushkin.⁴ Orig.
art. has: 4 tables.

SUB CODE: OC, FP, GC/ SUBM DATE: 11Nov64/ ORIG REF: 011/ OTH REF: 001

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Card 2/2



NUMEROV, B. N. (Co-author)

See: SHAPIRO, A. D.

Shapiro, A. D. and Numerov, B. N. "Production of construction boards, and fiberboards," Materialy Tsent. nauch.-issled in-ta bumazh. prom-sti, Issue 36, 1948, p.97-135

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

NUMEROV, B. N. (Co-author)

See: SHAPIRO, A. D.

Shapiro, A. D. and Numerov, B. N. "Problems in production of asphalt cardboards," *Materiely Tsentr. nauch.-issled. in-ta bumazh. prom-sti*, Issue 36, 1948, p. 295-331

SO: U-3566, 15 March 53, (*Letopis 'Zhurnal 'nykh. Statey*, No. 14, 1949).

NUMEROV, B. N.

Numerob, B. N. - "The manufacture of oil-and benzene-proffe packing cartons,"
Materialy Tsent. nauch.-ssled. in-ta bumash, prom-sti,
Issue 37, 1948, p. 297-332

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

NUMEROV, B.N.

Cardboard facing for dry gypsum plaster. Bum.prom. 29 no.5:19-21
My '54. (MIRA 7:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut bumagi.
(Plaster)

NUMEROV, B.N.

Quality requirements of base paper for corrugated board.
Bum.prom.31 no.2:9-13 F '56. (MLRA 9:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti.
(Paperboard)

NUMEROV, B.N.

NUMEROV, B.N.

Problems in the manufacture of fiberboard panels. Bum.prom.32
no.8:24-27 Ag '57. (MIRA 10:12)

(Fiberboard)

NUMEROV, B.N.

BURKOV, V.I., inzh.; NUMEROV, B.N., inzh.

International conference on the manufacture of fiberboard. Sum. prom.
32 no.10:27-28 O '57. (MIRA 1B:1)
(Warsaw--Fiberboard--Congresses)

NUMEROV, K.D.

The past and the present of the sable in the northern part of
the Yenisey portion of Siberia. Zool. zhur. 42 no.7:1088-
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1. Krasnoyarsk Department of All-Union Research Institute of
Animal Raw Material and Furs.

NUMEROV, K.D.

Changes of the color of sables in the Yenisey area of Siberia
during individual years. Zool. zhur. 43 no.4:599-605 '64
(MIRA 17:8)

1. Krasnoyarsk Division of the All-Union Research Institute of
Animal Raw Materials and Furs, Krasnoyarsk.

NUMEROV, N.V., inzh.

Grinding and polishing semiautomat for the grinding of steel
sheets. Der. prom. 12 no.12:24-25 D '63. (MIRA 17:3)

1. Vil'nyusskiy opytnyy zavod voloknistykh izdeliy.

NUMEROUS, N.Y., 1942.

"Ruralist" periodical from 1942 to 1944. It was published in
1942.

NUMEROV, N.V., kand. tekhn. nauk

Improving the quality of wood-fiber boards by means of
chemical treatment of chips during defibering. Der. prom.
14 no.9:5-7 S '65. (MIRA 18:12)

1. Vil'nyusskiy opytyny zavod voloknistykh izdeliy.

NUMEROV, S.

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"New Methods of determining filtration tasks and their application."

Dissertation for Candidate of Technical Sciences, Leningrad Polytechnical Inst. im.
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Subject: Hydroengineering building and construction.

Gidrotekhnicheskoye, stroitel'stvo, 12, 1946.

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Approximate calculation methods of filtration in earth dams permeable to
water. Trudy Len.politekh.inst. no.4:141-146 '47. (MLRA 6:8)
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NUMEROV, S.N.; PATRASHEV, A.N.

Diffusion of soluble materials in hydraulic structures. Trudy Len. politekh.
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(MIRA 6:8)

(Hydraulic engineering)

NUMEROV, S. N.

ARAVIN, V.I., professor, doktor tekhnicheskikh nauk; NUMEROV, S.N., starshiy nauchnyy sotrudnik, kandidat tekhnicheskikh nauk.

Seepage calculations for hydraulic power plant headwater ponds. Isv.
VNIIG no.32 '47. (MLRA 10:2)
(Hydroelectric power stations) (Soil percolation)

NUMEROV, S.N., starshiy nauchnyy sotrudnik, kandidat tekhnicheskikh nauk.

Seepage calculations of horizontal drainage in hydroelectric power stations and industrial structures (where there is great depth of water permeable layer). Izv.VNIIG no.32:17-26 '47. (MLRA 10:2)
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Ob unete sil soprotivleniya pri postroyenii plana burnogo techeniya. Trudy Leningr. Politekhn. In-Ta im. Kalinina, 1948, No. 5, s. 184-89.

SO: LETOPIS' No. 34

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SO: Letopis'Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

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or evaporation of liquid from the free surface. Izv.VNIIG no.38:
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(Water, Underground) (Soil percolation)

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Plane problem in the hydraulics of open water courses in cases
of turbulent eddy currents. Izv. VNIIG no.40:149-153 '49.

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Seepage toward a horizontal drain in the case of an inclined bottom.
Izv. VNIIG 46:72-85 '51. (MIRA 12:5)
(Water, Underground)

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Inflow of ground water into a rectangular trench. Izv. VNIIG
46:202-206 '51. (MIRA 12:5)
(Water, Underground)

ARAVIN, V.I.; NUMEROV, S.M.; MIKHAYLOV, G.E., redaktor; GAVRILOV, S.S.,
tekhnicheskii redaktor.

[Theory of the motion of liquids and gases in undistorted porous
media] Teoriia dvizheniia zhidkosti i gazov v nedeformiruemoi
poristoi srede. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1953.
616 p. (MLBA 7:8)

(Filters and filtration)

NUMEROV, S.N. dots., kand.tekhn.nauk; PERSHIN, S.V., kand.tekhn.nauk

Theoretical determination of the inclination angle and compression coefficient of a lateral jet. Izv.VNIIG 50:58-70 '53.

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(Fluid mechanics)

NUMEROV, S.N., dots., kand.tekhn.nauk

Approximate method for calculating the pressure seepage in
the foundation of hydrotechnical installations. Izv.VNIIG
50:71-90 '53. (MIRA 12:5)
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Generalization of the Dupuit formula. Izv.VNIIG 50:197-202
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(Soil percolation)
(Water, Underground)

USSR/Engineering - Hydraulics

FD-1101

Card 1/1 Pub. 41-13/17

Author : Numerov. S. N.

Title : A method for solving filtration problems

Periodical : Izv. AN SSSR. Otd. tekhn. nauk 4, 133-139, Apr. 1954

Abstract : Presents a "fourth method" of conformal depictions, without use of a velocity hodograph, for solving problems of plane, steady filtration in homogeneous soil. As an illustration of the practical application of this method, a solution is presented for the case involving filtration from an irrigation ditch with evaporation from the open surface of the ground water. Diagrams. Five references.

Institution :

Submitted : January 14, 1954

NUMEROV, S. N.

"Methods of Study of Continuous Horizontal Filtration of
Liquids in a Homogeneous Medium." Acad Sci USSR, Inst of Mechanics,
Moscow-Leningrad, 1955. (Dissertation for the Degree of Doctor in
Technical Sciences)

SO: M-955, 16 Feb 56

NUMEROV, S. N.

ARAVIN, V. I., NUMEROV, S. N., PIGUZHNIKIN, A. A., redaktor; FUL'KINA, Ye. A.,
tehnicheskii redaktor

[Hydraulic engineering filtration computations] Fil'tratsionnye
raschety gidrotekhnicheskikh sooruzhenii. Izd. 2-e, perer. i dop.
Leningrad, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture,
1955. 290 p. (MLRA 8:7)
(Soil percolation)

NUMEROV, S. N.

PAVLOVSKIY, M.N., akademik; NEKRASOV, A.I., akademik; KOCHINA, P.Ya.;
ARAVIN, V.I., professor; AKHUTIN, A.M., professor; ZHURIN, V.D.,
professor; CHERTOUSOV, M.D., professor; ARKHANGEL'SKIY, V.A.,
dotsent; ~~NUMEROV, S. N.~~ dotsent; SEMCHINOVA, M.M., inzhener;
CHUGAYEV, R.R., professor, doktor tekhnicheskoy nauk; ESHMAN, Yu.A.,
redaktor; SMIRNOVA, A.V., tekhnicheskiy redaktor

[Collected works] Sobranie sochinenii. Moskva, Izd-vo Akademii
nauk SSSR. Vol. 1. [Principles of hydraulics, open channels and
the transition of water over hydraulic structures] Osnovy gidravliki
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(MIRA 8:4)

1. Chlen-korrespondent AN SSSR (for Kochina)
(Hydraulics)

NUMEROV, S.M. (Leningrad)

Percolation in semi-infinite soil masses. Izv.AN SSSR. Otd.tekh.
nauk no.4:58-74 Ap '56. (MLRA 9:8)
(Soil percolation)

NUMEROV, S.N., (Leningrad)

Taking the permeability of sheet piling into consideration in
calculating water seepage through concrete dam foundations.

Inzh. sbor. 23:164-172 '56.

(MLRA 9:10)

(Dams) (Soil percolation)

*NUMEROV, S. N.*AUTHOR: Numerov, S. N. (Leningrad).

24-1-10/26

TITLE: On non-steady state filtration in a strip shaped stratum towards a rectilinear chain of perfect wells.
(O neustanovivsheysya fil'tratsii v polosobraznom plaste k pryamolineynoy tsepoche sovershennykh skvazhin).

PERIODICAL: Izvestiya Akademii Nauk, Otdeleniye Tekhnicheskikh Nauk, 1958, No.1, pp.79-85 (USSR)

ABSTRACT: In the cases of a two-dimensional non-steady state filtration of a uniform elastic liquid inside a uniform elastic porous medium, the isothermal filtration of a gas in a uniform incompressible porous medium and also the pressureless filtration of a heavy incompressible liquid in a horizontally layered (particularly, in a uniform) stratum, the potential vector of the filtration rate φ satisfies the two-dimensional Fourier equation:

$$\frac{\partial \varphi}{\partial t} = a^2 \left(\frac{\partial^2 \varphi}{\partial x^2} + \frac{\partial^2 \varphi}{\partial y^2} \right).$$

Card 1/3 In this paper one class of particular solutions of the Fourier equation is considered which corresponds to the