

GASYUK, G.N.; DEL'NEVA, I.P.; LEVINA, M.V.; KIR'YANOV, M.I.

Experience in the production of classified grape juices  
by a simplified technology with the application of ultrasonic  
waves and use of the available factory equipment. Trudy MNIIPP  
5:28-32 '64. (MIFA 19:1)

DUL'NEVA, I.P.; LEVINA, M.V.; GASYUK, G.N.

Effect of some factors on the crystallization of potassium  
tartrates. Trudy MNIIPP 5:50-54 '64.

(MIRA 19:1)

LADYZHANSKIY, I.A.; POPOVSKIY, V.G.; GASYUK, G.N.; DUL'NEVA, I.P.;  
ZELENSKAYA, M.I.

Economic efficiency of using the simplified technology in  
grape juice production. Trudy MNIIPP 5:91-96 '64.  
(MIRA 19:1)

GASYUK, Ivan P

GASYUK, Ivan Platonovich; SINDEYEV, Ivan Lukich; ZALOGIN, N.S. redaktor;  
SAMOKHVALOV, Ya.A., inzhener, redaktor; SASOV, V.V., kandidat  
tekhnicheskikh nauk, dotsent, retsenzent; RUDENSKIY, Ya.V., tekhnicheskii redaktor

[Manufacture of thread gauges] Praktika izgotovleniia res'bovykh kalibrov. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 118 p. (MLRA 9:1)  
(Gauges) (Screw threads)

GASYUK, I.P.; KUCHER, A.M., kand. tekhn. nauk, retsenzent;  
ERODOTSKIY, A.I., kand. tekhn. nauk, red.

[Technology of the manufacture of heavy papermaking  
machinery] Tekhnologiya tiazhelogo bumagodelatel'nogo ma-  
shinostroeniia. Moskva, Mashinostroenie, 1965. 218 p.  
(MIRA 18:4)

TYUTYUNNIKOV, B.N.; BUKHSHTAB, Z.I.; GASYUK, L.V.

Obtaining naphthenic alcohols by the oxidation of higher naphthenes.  
Khim. i tekhn. topl. i masel 9 no.12:20-24 D '64.

(MIRA 18:2)

1. Khar'kovskiy politekhnicheskii institut.

GASYUK, M.S. [translator]; BEL'KIND, L.D., prof., doktor tekhn.nauk,  
red.; TYAGUNOV, G.A., prof., doktor tekhn.nauk, red.;  
GAVRILOV, S.S., tekhn.red.

[International electrotechnical dictionary] Mezhdunarodnyi  
elektrotekhnicheskii slovar'. Ind.2. Moskva, Gos.izd-vo fiziko-  
matem.lit-ry. Group 07 [Electronics] Elektronika. 1959. 331 p.  
(MIRA 12:4)

1. World Power Conference. U.S.S.R. National Committee.  
(Electronics--Dictionaries)

GASYUNAS, I.I.

Results of the acclimatization of food invertebrates of the Caspian  
area in the bodies of water of Lithuania. Zool. zhur. 44 no.3:340-  
343 '65. (MIRA 18:8)

1. Institut zoologii i parazitologii Akademii nauk Litovskoy SSR,  
Vil'nyus.



GASZCZAK, Jaroslaw, mgr inz.

Influence of certain phenomena occurring in a capacitor on the results of digital capacity measurements. *Laznosc Wroclaw* 5: 136-145 '62.

1. Katedra Elektroniki Przemyslowej, Politechnika, Poznan.

*GASZEK, KAROL*

POLAND/Chemical Technology - Chemical Products and Their  
Application - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9597

Author : Gaszek Karol

Inst : -

Title : Concerning Organoleptic Evaluation.

Orig Pub : Przegl. mleczarski, 1955, 3, No 8, 18-19

Abstract : The importance of correct determination of gustatory  
quality of butter is discussed, as well as the measures  
aimed at elimination of errors in organoleptic evaluation  
of its quality.

Card 1/1

*12*

CHRUST, Witold, mgr., inz.; GASZEWSKI, Zbigniew, mgr., inz.

Standardization of dynamic pickups CD-2. Ciężki maszyn przepliw nc. 37/38:  
17-19. '62

L 24231-56 EWT(1)/ENT(m)/T/ENP(t)/ENA(h) IJP(c) JD/GG/AT

ACC NR: AP6014608

SOURCE CODE: UR/0386/66/003/009/0350/0354

74  
B

AUTHOR: Askerov, B. M.; Gaszhimzade, F. M.

ORG: Institute of Physics, Academy of Sciences Azerbaydzhan SSR (Institut fiziki Akademii nauk Azerbaydzhanskoj SSR)

TITLE: Contribution to the <sup>2/</sup>quantum theory of <sup>2/</sup>electric conductivity of <sup>2/</sup>semiconductors with nonstandard band

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 3, no. 9, 1966, 350-354

TOPIC TAGS: indium compound, antimonide, electric conductivity, semiconductor conductivity, semiconductor band structure, line splitting, magnetoresistance, carrier density, electron spectrum, spin orbit coupling

ABSTRACT: The theory developed by Adams and Holstein (J. Phys. Chem. Solids v. 10, 254, 1959) is generalized to include the case of an isotropic but nonstandard band (such as the conduction band of InSb, InAs, etc.). The authors also discuss the influence of spin splitting of the Landau levels on the oscillations of the transverse magnetoresistance in n-InSb. To solve the equation of motion for the density matrix by the method of Adams and Holstein, the authors determine the electron spectrum in crossed electric and magnetic fields with allowance for the interaction

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L 24231-66  
ACC NR: AF6014608

between the conduction band and the valence band. The results of the calculations show that the off-diagonal component of the electric conductivity tensor is determined, as in the case of the standard band, by the conduction electron density; the nonstandard effect enters the diagonal component only through the energy conservation in the scattering process. The electron spectrum is then used to interpret the Shubnikov--de Haas oscillations for a nonstandard band and it is shown that, unlike earlier interpretations by L. Gurevich and A. L. Efros (ZhETF v. 43, 561, 1962), the present results yield a g-factor which does not vary strongly with the density, and the reason for Gurevich and Efros' misinterpretation of the results is that they use a formula which does not apply in this case. It is shown that the procedure can yield correct values of the g factor and also the value of the spin orbit splitting, which hitherto has not been determined for InSb by a direct method. Orig. art. has: 9 formulas.

SUB CODE: 20/    SUBM DATE: 26Feb66/    ORIG REF: 002/    OTH REF: 004

Card 2/2 *ada*

GASZHIYEV, M. Yu. (Moskva)

Determination of an optimum method for changing the signal and noise carrier frequency in detection problems based on the theory of games.

Avt. i telem. 22 no. 1: 37-46 Ja '61

(MIRA 14:3)

(Information theory)

GYULAI, Jozsef; GASZNER, Istvan

Exemplary readiness to help. Magy kisipar 6 no.4:3 22 F '62.

1. Tolna megyei Mezogazdasagi Gepjavito Vallalat igazgatoja (for Gyulai). 2. Tolna megyei Mezogazdasagi Gepjavito Vallalat muszaki veze-toje (for Gaszner).

GASZNER, Jozsef

Development of the safe and hygienic working conditions in  
1962. Epites szemle 7 no.3:90-95 '63.

1. Epitesugyi Miniszterium Munkaugyi Foosztalyanak osztalyvezetoje.



MAZONSKI, Tadeusz; GASZTYCH, Dyonizy

Studies on the alkylation of benzene with low molecule olefins in the presence of aluminum chloride. Pt.1. Alkylation of benzene with propylene and butylene and dealkylation of dipropyl- and dibutylbenzene. Przem chem 39 no.6:332-336 Je '60.

1. Katedra Technologii Chemicznej Organicznej, Politechnika Slaska, Gliwice

MAZONSKI, Tadeusz; GASZTYCH, Dionizy

Studies on the alkylation of benzene with olefins in the presence of aluminum chloride. Pt. 2. Alkylation of benzene with propylene and butylene with the addition of diisopropylbenzene and dibutylbenzenes. Przem chem 40 no.10:571-573 0 '61.

1. Katedra Technologii Chemicznej Organicznej, Politechnika Slaska, Gliwice.

GASZTYCH, Dionizy; WASII,EWSKI, Jerzy; KUBICA, Zofia

Obtaining of ethylene oxide by direct oxidation of ethylene.  
Przem chem 41 no.2:54-57 F '62.

1. Instytut Ciezkiej Syntezy Organicznej, Blachownia Slaska

P/014/62/041/003/001/003  
D204/D301

AUTHORS: Mazoński, Tadeusz and Gasztych, Dionizy

TITLE: Studies of the alkylation of benzene with lower olefins in the presence of  $AlCl_3$ . III. Multiple utilization of  $AlCl_3$  complexes in alkylation and peralkylation reactions

PERIODICAL: Przemysł chemiczny, v. 41, no. 3, 1962, 137-140

TEXT: A summary is first given of the work of Dalin et al., who believes that complexes of  $AlCl_3$  with olefins and alkyl benzenes act as a source of alkyl radicals as well as alkylation catalysts. Following this theory, the authors wished to establish whether such highly active complexes could be used repeatedly for the alkylation of benzene with propylene and butylene and for the peralkylation of di-iso-propyl and dibutyl benzenes. Preparation of the olefins and the apparatus were those used earlier. Repeated alkylations were performed by decanting from the liquid  $AlCl_3$  complex layer the alkyl benzenes formed after the first alkylation, adding

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D204/D301

Studies of the alkylation ...

fresh benzene to the once-used complex, and starting the reaction again, without further additions of  $AlCl_3$ . Other reaction parameters were kept constant. It was found that high yields of the alkyl benzenes could be obtained after up to 6 repeated utilizations of the same portion of the complex; this number could be increased to 8 if small amounts of  $AlCl_3$  or anh.  $HCl$  were added after a time. Introduction of moisture rapidly deactivated the catalyst. The proportion of cumene (in the case of propylene alkylation) tended to increase after the first reaction, going through a maximum ( $\sim 65\%$ ) on the 4th - 5th alkylation, whilst the yield of polyalkyl benzenes which also formed, increased with successive reactions. Similar effects were observed with butylene. In the case of peralkylation, The complex may not be re-used more than 3-4 times. The results are tabulated and briefly discussed. Zofia Solich, a student, participated in the experimental part of this work. There are 4 tables and 8 references: 4 Soviet-bloc and 4 non-Soviet-bloc. The references to the English-language publications read as follows: T. Berry and E. Reid,

Card 2/3

Studies of the alkylation ...

P/014/62/041/003/001/003  
D204/D301

J. Am. Chem. Soc., 49, 3142, (1927); Canadian Pat., 265,521, (1926).

ASSOCIATION: Katedra technologii chemicznej politechniki Śląskiej  
(Department of Chemical Technology of the Silesia Polytechnic  
Institute)

SUBMITTED: July 26, 1961

Card 3/3

MAZONSKI, Tadeusz; GASZTYCH, Dionizy; ZIELINSKI, Wojciech

Hydroxylation of allyl alcohol with hydrogen peroxide to glycerine in the presence of phosphotungstic acid. *Przem chem* 41 no.5:251-254 My '62.

1. Katedra Technologii Chemicznej Organicznej, Politechnika Slaska, Gliwice i Instytut Ciekkej Syntezy Organicznej Blachowna, Slaska.

GASZTYCH, Dionizy

Dealkylation of dialkylobenzenes in the presence of a catalyst  
 $\text{AlCl}_2.\text{HSO}_4$  composition. Chemia stosow 7 no.3:401-408 '63.

1. Katedra Technologii Chemicznej Organicznej, Politechnika,  
Gliwice.



ACCESSION NR: AT4001531

P/2517/63/000/085/003/0010

AUTHOR: Mazonski, Tadeusz; Gasztych, Dionizy

TITLE: Studies of the utilization of distillation residues obtained in the production of ethylbenzene

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 85, 1963, 3-10

TOPIC TAGS: benzene, ethyl, alkylation, distillation, distillation residue, bottom, residuum, mazout, benzene derivative, ethylbenzene

ABSTRACT: The distillation residues constituting the by-product of the synthesis of ethylbenzene contain substantial amounts of polyalkylbenzenes which can be utilized as a source of alkyl radicals in the production of ethylbenzenes. The term "polyethylbenzenes" commonly applied to this by-product is a misnomer, however, because of the presence of large quantities of other chemical compounds whose physical properties resemble those of such hydrocarbons as diphenyl, diphenylethane, etc. These compounds predominate particularly in the high-boiling fractions. The above distillation residues (a more correct term) may be used as the starting material for the production of ethylbenzene after a preliminary fractional dis-

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ACCESSION NR: AT4001531

tillation. Commercially interesting yields of ethylbenzene can be obtained from the product distilled up to about 100° at 15 mm Hg. Higher-boiling products should be used for other purposes because of their small content of polyalkylbenzenes. Preliminary refining of the product is not necessary and not recommended, because the refining process causes a loss of the product, and the yields of ethylbenzene obtained by re-alkylating the product of refining are lower than in the case of the unrefined product. Orig. article has 3 tables.

ASSOCIATION: Katedra Technologii Chemicznej Organicznej (Chair for the Organization of the Chemical Industry)

SUBMITTED: 00

DATE ACQ: 20Dec63

ENCL: 00

SUB CODE: CH

NO REF SOV: 000

OTHER: 002

Card 2/2

GASZCZKA, L.

"From a Sweep to a Pump." p. 304 (HORYZONTY TECHNIKI, Vol. 6, No. 7, July 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,  
October 1953. Unclassified.

COUNTRY : Poland 8-13  
CATEGORY :  
ABS. JOUR. : *RZKhim.*, No. 21 1959, No. 76150  
AUTHOR : Mazonski, T. and Gasztych, D.  
TITLE : Not given  
: Investigation of the Mobility of Chlorine in  
the Products Obtained from the Chlorination of  
Kogasin  
ORIG. PUB. : *Chem Stosow*, 2, No 3, 329-339 (1958)  
ABSTRACT : The results from investigations undertaken for  
the purpose of improving the quality of Kogasin  
obtained by the Fischer-Tropsch process by  
chlorination are described; the chlorination is  
carried out with gaseous Cl<sub>2</sub> at a temperature of  
30°, using different contact times. The chlor-  
inated Kogasin (a mixture of mono- and polychloro-  
alkyls) is subjected to fractional distillation  
during which the mobility of the Cl, i.e., the  
transition from organic to ionic Cl, was studied.

CARD: 1/3

COUNTRY : Poland  
 CATEGORY :  
 ABS. JOUR. : RZKhim., No. 21 1959, No. 76150  
 AUTHOR :  
 INST. :  
 TITLE :

ORIG. PUB. :

ABSTRACT : The reagents used were alcoholic KOH solutions (I), and solutions of sodium ethylate (II) and butylate (III). It has been found that the mobility of Cl depends primarily on the reagent and to a lesser extent on the heating time. When a 2 N solution of I is used with a heating time of 7 hrs, the conversion Cl(organic) → Cl<sup>-</sup> proceeds to the extent of 25%; when an 1 N solution of II is used with a heating time of 5 hrs, about 50% conversions are obtained; a 1 N solution of

CARD: 2/3

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ORIG. PUB. :  
 TITLE :

ORIG. PUB. :  
 ABSTRACT : III and a heating time of 1 hr give about 50% conversions, the conversion increasing to nearly 100% when the heating time is increased to 2.5 hrs. The reaction can be used for the rapid approximate determination of Cl content in weakly chlorinated high-molecular weight paraffins.  
 Ya. Satunovskiy

CARD: 3/3

~~Application of aluminum chloride in industrial organic  
syntheses? Dionizy Gasztych. Chemik. (Gliwice) 11,  
380-2(1938). - review. F. J. Hendel.~~

JW  
1/1

*JFH*

2  
2-7-74

MAZONSKI, Tadeusz; GASZTYCH, Dionizy

Studies on the alkylation of benzene with olefins in the presence of aluminum chloride. II. Alkylation of benzene with propylene and butylene with the addition of diisopropylbenzene and dibutylbenzenes. Przem chem 40 no.10:571-573 0 '61.

1. Katedra Technologii Chemicznej Organicznej, Politechnika Slaska, (Gliwice)

MOLNAR, Lajos; HERPAY, Zsombor; GAT, Gyorgy

Conjunctival mycosis caused by *Cephalosporium niveoclanosum* (Benedek).  
Szemeszet 98 no.1:32-37 Mr '61.

1. A Debreceni Orvostudományi Egyetem Szemklinikájának (Igazgató: Kettesy Aladar egyetemi tanár; az orvostudományok doktora) és Borgyógyászati Klinikájának (Igazgató: Szodoray Lajos egyetemi tanár; az orvostudományok doktora) közleménye.

(CEPHALOSPORIUM infect)      (CONJUNCTIVITIS microbiol)



GAT, L.

Streptomycin therapy of ocular tuberculosis. Szemeszet 88 no.1:33-36  
1951. (CIWL 23:2)

1. Prof. Doctor. 2. Debrecen Ophthalmological Clinic (Director -- Prof.  
Dr. Aladar Kettesy).

GAT, I.

Mode of infection and treatment of ocular tuberculosis. Orv. hetil.  
92 no.16:508-512 22 Apr 1951. (CML 24:5)

1. Prof. Doctor. 2. Debrecen Eye Clinic (Director -- Prof. Dr. Aladar Kettesy).

GIT, L.

"Material on enucleation in the Hebrew Eye Clinic during the period of 1922-1946 with special reference to its role in clinical work. . . 27 (HEBREW ESSAYS, Vol. 74, No. 10 September 1977, Lodz est, Hungary)

SO: Monthly List of East European Acquisitions, L3, Vol. 7, No. 4, April, 1974

GAT, Laszlo, dr.

Climate therapy in tuberculosis of the eyes. Tuberkulozis 14 no.4:  
123-126 Ap '61.

1. A Debreceni Orvostudományi Egyetem Tbc Klinikája (igazgató: Pongor  
Ferenc dr. tanszékvezető docens) Szemosztályának (osztályvezető: Gat  
Laszlo dr. egyetemi docens) közleménye.

(TUBERCULOSIS, OCULAR ther) (CLIMATE ther)

MANDI, Laszlo, dr.; GAT, Laszlo, dr.; KOVESDI, Jozsef, dr.; MOLNAR, Borbala, dr.;  
PINTER, Laszlo, dr.

Ophthalmological aspects of sarcoidosis. Orv. hetil. 103 no.33:1542-  
1547 19 Ag '62.

1. Debreceni Orvostudományi Egyetem, Tbc Klinika.  
(SARCOIDOSIS diag) (EYE dis)

GAT, Laszlo, dr.; PONGOR, Ferenc, dr.

Allergic papillorretinitis and pulmonary tuberculosis. Tuberkulozis  
17 no.6:165-167 Ja '64.

1. A Debreceni Orvostudományi Egyetem Tbc Klinikájának (mb. igaz-  
gato: Pongor Ferenc dr.) közleménye.

GATA, Elena; GATA, Gheorghe

Determining free sesquioxides in soils and sediments.  
Dari seama sed 46:479-491 '58/59 [publ. '62].

GATA, Ch.; GATA, Elena

A method of rapid analysis of carbonated rocks. Dari seama  
sed 47:457-469 '59/60 [publ. '62].



GATA, Elena; GATA, Gheorghe

Strontium determining by direct photometry. Dari seama sed  
46:461-477 '58/59 [publ. '62].

GATA, Gh.; GATA, Elena

A method of rapid analysis of carbonated rocks. Dari seama  
sed 47:457-469 '59/60 [publ. '62].

GATA, Elena; GATA, Gheorghe

Determining free sesquioxides in soils and sediments.  
Dari seama sed 46:479-491 '58/59 [publ. '62].

GATA, Elena; GATA, Gheorghe

Strontium determining by direct photometry. Dari seama sed  
46:461-477 '58/59 [publ. '62].

GATAI, G.

Fate of transplanted hypophysis in the human organism. *Magy. belorv.*  
arch. 3 no.4:184-186 1950. (CML 25:5)

1. Doctor. 2. Nerve Surgery Department (Clinical Head Physician --  
Prof. Dr. László Zoltán) of Psychiatric and Neurologic Clinic (Director  
-- Prof. Dr. Béla Horányi), Lorand Eotvos University, Budapest.

GATAI, G.

Meningioma in children. Magy. belorv. arch. 5 no.4:179-182 Dec 1952.  
(CIML 25:5)

1. Doctor. 2. Psychiatric and Neurological Clinic (Director -- Prof. Dr. Gyula Nyiro) and Neurosurgery Institute (Head -- Docent Dr. Laszlo Zoltan), Budapest Medical University.

GATAI, Gyorgy, dr.

Intracranial tumors of the germinal layer. Magy. sebészet 7 no.  
1:59-64 Feb 54.

1. Az Országos Idegsebeszeti Tudományos Intézet közleménye.  
Igazgató: Zoltán László dr.  
(BRAIN, neoplasms  
nomenclature, diag. & surg.)

GATAI, G.,; PASZTOR, M.

Continuous drainage of cerebral ventricles in the treatment of changes of intracranial pressure. Acta med. hung. 7 no.3-4: 227-238 1955.

1. STATE SCIENTIFIC INSTITUTE FOR NEUROSURGERY, BUDAPEST.  
(CEREBROSPINAL FLUID,  
hypertension, ther., continuous drainage)



EXCERPTA MEDICA Sec 11 Vol 12/4 O.R.L.

Apr 59, ...

910. ON THE DIAGNOSTIC METHODS OF THE OTORRHINOGENIC CEREBRAL ABSCESSSES - Über die diagnostischen Methoden der oto-rhinogenen Gehirnbrunabszesse - Gatdi G. - Neurochir. Inst., Budapest - MSCHR. OHRENHEILK. 1957, 91/6 (364-372) Tables 1

The diagnostic mistakes may be divided in two groups. The first group is composed of cases where a causal relationship is erroneously assumed between an otorrhinogenic infectious process and a simultaneously existing narrowing process. The second group is composed of cases which were correctly diagnosed, but where the otological diagnostic methods (puncture) were insufficient. Atypical and distantly located or multiply occurring abscesses cannot be reached by puncture. Deep-sited abscesses or abscesses surrounded by a tight, smooth capsule can also be easily overlooked when puncture is used as the only diagnostic measure. As a result other modern methods must be used for a correct diagnosis, principally pneumography and cerebral angiography; puncture should rather be used for therapeutic purposes in previously located abscesses.

Malecki - Poznań (XI, 8)

GATAI, Gyorgy, dr.

Data on the diagnosis and differential diagnosis of intracranial space expansive processes in old age. Idoggyogy. szemle 14 no.12:362-371 D '63.

(BRAIN NEOPLASMS) (INTRACRANIAL PRESSURE)  
(PAPILLEDOMA) (CEREBRAL ARTERIOSCLEROSIS)  
(EYE MANIFESTATIONS) (OPHTHALMOSCOPY)

GATAI, Gyorgy, dr.

Data on the diagnosis and differential diagnosis of intracranial space-occupying processes in the aged. Ideggyogy. szemle 16 no.11:327-334 N '63.

1. Az Országos Idegsebészeti Tudományos Intézet közleménye.  
(BRAIN NEOPLASMS) (CEREBROVASCULAR DISORDERS)  
(DIAGNOSIS, DIFFERENTIAL) (STATISTICS)  
(CLASSIFICATION)

BAK, Lorant, dr.; BATOR, Elemérne; GATAI, Györgyne, dr.

Analysis of the polyvinyl chloride based so called rheumatism  
underwear. Magy textil 17 no.2:83-87 F '65.

1. Quality Control Institute of Textile Industry, Budapest.

GATAI, Gyorgy, dr.

Diagnostic errors in brain tumors causing deterioration of  
vision. Orv. hetil. 106 no.18:831-835 2 My '55

1. Orszagos Idegsebészeti Tudományos Intézet (igazgató:  
Zoltan, Iaszlo, dr.).

L 32097-66

ACC NR: AP6020668

SOURCE CODE: HU/0032/66/000/001/0001/0005

AUTHOR: Gatai, G.—Gatai, D. (Doctor) 13  
B

ORG: National Neurosurgical Scientific Institute /directed by Dr. Zoltan, Chief physician/ (Orszagos Idegsebészeti Tudományos Intézet)

TITLE: Impact of diagnostic errors in cases of brain tumors 22

SOURCE: Ideggyógyászati szemle, no. 1, 1966, 1-5

TOPIC TAGS: tumor, cerebrum, therapeutics

ABSTRACT: During a 6 year period, about one third of the 1000 cases of observed cerebral tumor were known to have been diagnosed erroneously in the early stages. This resulted in a delay of several months or years in treatment mostly in cases of benign tumors in which the prognostic advantages of an early treatment could have been great. The incidence of diagnostic errors in various types of tumors, the surgical results in cases of correct and incorrect diagnosis, surgical mortality as well as the most common diagnoses rendered instead of the recognition of the tumor are presented in tables. Orig. art. has: 6 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 BLG

PRAT, B.; BENESHOVA, D. [Beneshova, D.]; DEYDAR, R. [Deidar, R.]; GATALA, M.

Experimental pyelonephritis. Urologiia 28 no.5:11-15 S-0'63  
(MIRA 17:4)

1. Iz Instituta bolezney krovoobrashcheniya ( dir. - dotsent Ya. Brod) v Prage, kafedry patologicheskoy anatomii i mikrobiologii fakul'teta detskoy meditsiny ( zav. - dotsent D. Beneshova) Karlova universiteta v Prage i Instituta klinicheskoy i eksperimental'noy khirurgii (dir. - prof. V. Shpachek) (Shpachek, V.] v Prage.

VASENKO, Ye. N.; GATAIA, Ye. Ye.; ZAKUTSKAYA, M. P.; KHAYTUROVA, V. F.;  
SHEMOLICH, O. V.

Vapor pressure and boiling point of a ternary mixture of acetic  
anhydride, acetic acid, and water. Dokl. LPI 5 no. 1/2:161-  
164 '63. (MIRA 17:6)



VASENKO, Ye.N.; GATAIA, Ye.Ye.; ZAKUTSKAYA, M.P.; LEVASHEVA, V.L.;  
KHAYLUKOVA, V.F.; SEMOGUN, O.V.

Liquid-vapor equilibrium in the ternary system acetic anhydride -  
acetic acid - acetaldehyde. Dokl. IPI 5 no. 1/2:172-175 '63.  
(MIRA 17:6)

GATALICA, P., AND OTHERS.

Some aspects of the organization of British railroads. p.1.

VARILNA TEHNIKA. (Društvo za varilno tehniko IRS in Zavod za varjenje IRS  
Ljubljana, Yugoslavia. Vol.7, no.3/4, 1958

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.11  
Nov. 1959  
Uncl.

MALYSHEV, I.F.; POPKOVICH, A.V.; ROSHAL', G.Ya.; ZHELEZNIKOV, F.G.;  
LYSOV, A.V.; TSEPAKIN, S.G.; SOLNYSHKOV, A.I.; BOYTSOV, A.S.;  
ASTAKHOV, Ye.Ya.; MIRONOV, B.V.; LAPITSKIY, Yu.Ya.;  
GATALIN, V.A.; KHOROSHKOV, V.S.

Electrostatic accelerator-injector in a proton synchrotron.  
Prib. i tekhn. eksp. 7 no.4:37-45 J1-Ag '62. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut elektrofizicheskoy  
apparatury Gosudarstvennogo komiteta po ispol'zovaniyu  
atomnoy energii SSSR i Institut teoreticheskoy i eksperimental'-  
noy fiziki Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy  
energii SSSR.

(Particle accelerators) (Synchrotron)

GATAL'SKIY, G. A.

ZHOLNEROVICH, A.M., kandidat sel'skhozoyaystvennykh nauk; PROKOPYSHKO,  
A.Z.; GATAL'SKIY, G.A.; YEVDOKIMOVA, A.Ye.

Basic methods of the primary cultivation of peat-swamp soils in  
the White Russian S.S.R. Izv.AN BSSR. no.5:41-56 S-O.'53.

(Peat soils)

(MLRA 9:1)

GATAL'SKIY, G. A.

GATAL'SKIY, G. A. "The Effect of the Depth and Time of Working Virgin Peat-Bog Soil on the Harvest of Agricultural Crops." Acad Sci Belorussian SSR. Inst of Soil Improvement, Water and Marsh Economy. Minsk, 1956. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya Letopis', No. 19, 1956.

GATAL'SKIY, M.A.

Basic stages in the development of the hydrogeological method,  
direct and indirect hydrogeological oil and gas indications.  
Trudy VNIGRI no.190:109-122 '62. (MIRA 16:1)  
(Oil field brines)

GATAL'SKIY, M. A.

AID P - 1136

Subject : USSR/Mining

Card 1/1 Pub. 78 - 14/25

Author : Gatal'skiy, M. A.

Title : Significance of hydrology during initial operation of petroliferous regions

Periodical : Neft. khoz., v. 32, #11, 51-52, N 1954

Abstract : Preliminary geological survey of domes can be simplified by the study of the presence of water and gases. Hydro-geological methods permit the evaluation of general conditions required for the existence of oil or gas deposits. This method reduces prospecting costs.

Institution : None

Submitted : No date

CATHLAMET, MA.

KROTOVA, Valentina Artem'yevna; GATAL'SKIY, M.A., redaktor; RAGINA, G.A.,  
redaktor; YERMAKOV, K.A., redaktor; GENNAD'YEVA, I.M.,  
tekhnicheskiy redaktor.

[Hydrogeology] Gidrogeologiya. Leningrad, Gos.nauchno-tekhn.  
isd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-  
nie, 1956. 266 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-  
issledovatel'skii geologorazvedochnyi institut. Trudy, no. 94).  
(MLRA 9:11)

(Volga Valley--Water, Underground)  
(Ural Mountain region--Water, Underground)  
(Petroleum geology)



GATAL'SKIY M.A.

15-57-10-14642

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,  
pp 212-213 (USSR)

AUTHOR: Gatal'skiy, M. A.

TITLE: The Significance of Dynamics in the Formation of the  
Russian Platform Ground Waters (Znachenie dinamiki v  
formirovani podzemnykh vod Russkoy platformy)

PERIODICAL: Tr. Vses. neft. n.-i. geologorazved. in-ta, 1956, Nr 95,  
pp 232-242

ABSTRACT: Many people hold the erroneous view that it is possible  
for ground waters to move only down the slopes of the  
strata. Observations demonstrate that hydrostatic  
levels depend upon a region's hypsometric position.  
Analysis of the results obtained in drilling supple-  
mentary wells in the Baltic area and in the Russian  
Platform from 1948 to 1953 supports the idea of the  
above relationship and shows how the deeply cut valleys  
of the Volga, Kama, Oka and other rivers act as parts  
of the drainage system. For example, the Volga valley

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15-57-10-14642

The Significance of Dynamics in the Formation (Cont.)

drains not only waters of the Permian and Carboniferous, but also of the Devonian. In the Valday region, the carbonate layer of Upper Devonian, which lies at depths of approximately 550 m and which is covered by varicolored sand-clay deposits, has pressure springs of magnesium sulfate heptahydrate waters above the contact of Devonian and Carboniferous rocks. There are definite indications that a pressure level of more than 150 m exists near the ground water level of the Quaternary deposits. Consequently, the relief of the Valday Highland must be causing high pressures in ground waters. It can be seen from Figure 1 that the deep aquifers of the Russian Platform empty into the Baltic Sea, the Gulf of Finland and Lake Ladoga. Figure 2 shows the location of piezometric water levels in the carbonaceous layer of Upper and Middle Carboniferous in the Main Flexure of the Russian Platform. Here the highest levels run along the Northern Uvaly. The author considers that, when specific conditions are met, high pressure waters can exist even in regions where the strata lie horizontally. Thus, the ground waters of the Russian Platform do not move in any one general direction, this fact being proven by differences in hydrostatic levels, the mineral content and chemical composition of the waters. When the waters interact upon  
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15-57-10-14642

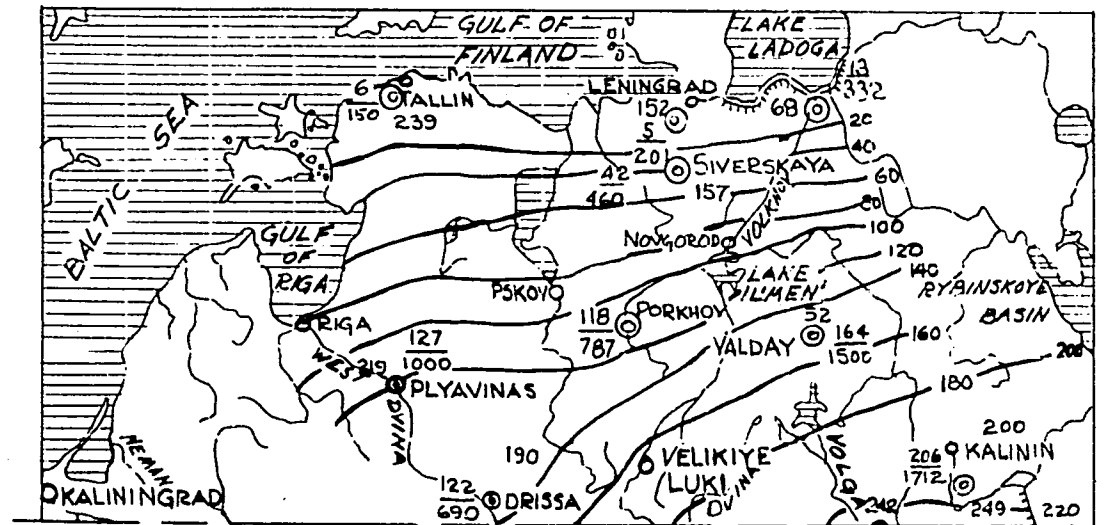
The Significance of Dynamics in the Formation (Cont.)

entering particular supply areas with deep aquifers, we should distinguish hydraulic phenomena such as the transfer of pressure and the seepage. Under the conditions prevailing in the Russian Platform, this problem is extremely difficult. The author concludes with his views on how solutions move in the deep horizons of the Paleozoic, and suggests the possibility that they were formed by having their flow interrupted within deep parts of the covered geological structures.

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15-57-10-14642

The Significance of Dynamics in the Formation (Cont.)



Card 4/8

15-57-10-14642

The Significance of Dynamics in the Formation (Cont.)

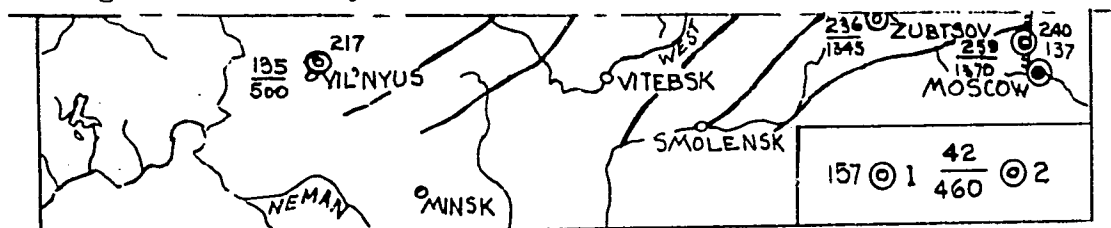


Fig. 1. Map of piezometric ground water levels of Lower Cambrian sandstone in the Baltic area.

1.--Number of a well. 2.--The numerator--static ground water level reduced to the level of fresh water; the denominator--depth of the tested horizon.

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15-57-10-14642

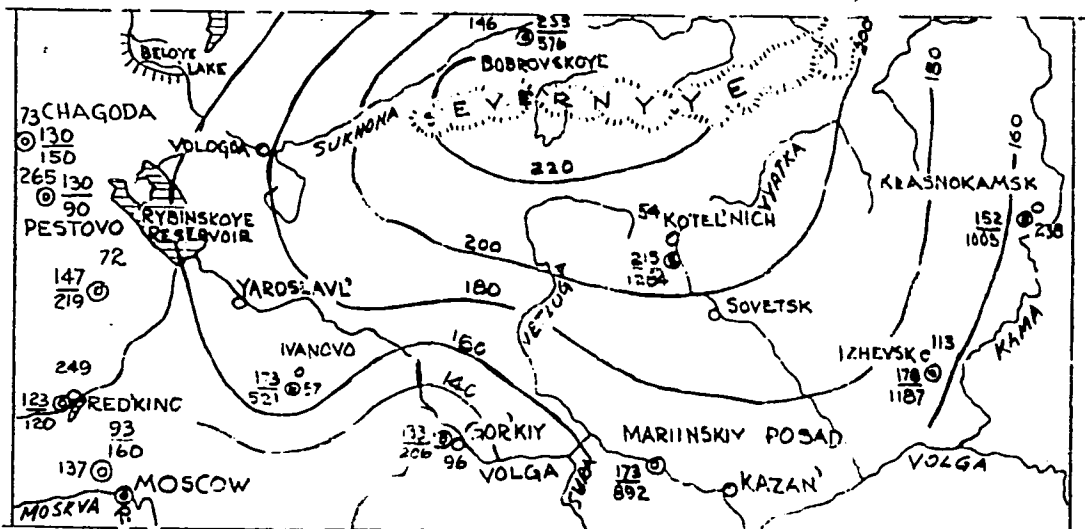
The Significance of Dynamics in the Formation (Cont.)



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15-57-10-14642

The Significance of Dynamics in the Formation (Cont.)



Card 7/8

The Significance of Dynamics in the Formation (Cont.)

15-57-10-14642

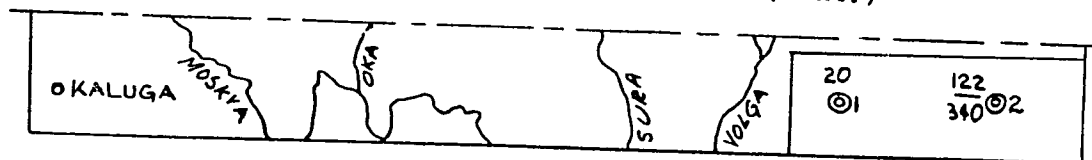


Fig. 2. Map of the piezometric ground water level of the carbonaceous layer of Upper and Middle Carboniferous in the Main Flexure of the Russian Platform.

1.--Number of a well. 2.--The numerator--static ground water level reduced to the level of fresh water; the denominator--depth of the tested horizon.

Card 8/8

L. K. Ovchinnikova



GATAL'SKIY, M.A.

Evaluation of oil and gas potentials of the Russian Platform based  
on hydrochemical indices. Trudy VNIGRI no.111:120-147 '57.

(Russian Platform--Petroleum geology) (MIRA 11:6)

(Russian Platform--Gas, Natural--Geology)

GATAL'SKIY, M.A.

MAKSIMOV, Vasilii Mikhaylovich, dotsent, kand.geologo-miner.nauk; ASATUR, K.G., dotsent, kand.tekhn.nauk; DAVIDOVICH, V.I., dotsent, kand.tekhn.nauk; ALBUL, S.P., kand.geologo-miner.nauk; PAUKER, N.G., inzh.-gidrogeolog; OSTROUMOV, B.P., gidrotekhnik; ZAYTSEV, I.K., doktor geologo-miner.nauk; TOLSTIKHIN, N.I., prof., doktor geologo-mineral.nauk; REZNIKOV, A.A., kand.khim.nauk, starshiy nauchnyy sotrudnik; MERSHALOV, A.F., assistant; VOROPYNTSEV, V.T., dotsent, kand.tekhn.nauk; MARKOV, I.A., dotsent, kand.geologo-miner.nauk; KERKIS, Ye.Ye., dotsent, kand.geologo-miner.nauk; KHITROV, I.N., inzh.-geolog; BOROVITSKIY, V.P., kand.geologo-miner.nauk; RAVDONIKAS, O.V., kand.geologo-miner.nauk; ONIN, N.M., kand.geologo-miner.nauk; BASKOV, Ye.A., inzh.-gidrogeolog; NOVOZHILOV, V.N., dotsent, kand.geologo-miner.nauk; PEKEL'NIYY, I.S., inzh.-gidrogeolog; NEVEL'SHTEYN, Yu.G., inzh.-gidrogeolog; BOSKIS, S.G., inzh.-gidrotekhnik; NIKIFOROV, Ye.M., inzh.-gidrogeolog; GATAL'SKIY, M.A., prof., doktor geologo-miner.nauk, nauchnyy red.; DOLMATOV, P.S., vedushchiy red.; GEN-NAD'YEVA, I.M., tekhn.red.

[Hydrologist's handbook] Spravochnoe rukovodstvo gidrogeologa.  
Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry,  
Leningr.otd-nis, 1959. 836 p. (MIRA 12:4)

1. Vsesoyuznyy geologicheskii nauchno-issledovatel'skiy institut  
(for Reznikov).

(Hydrology)

GATALASEV, M.A.

Microdislocation and fracturing of rocks in the Baltic region  
and their role in the migration and distribution of fluids. Truly  
VNIGRI no.131:65-77 '59. (MIRA 12:9)  
(Baltic Sea region--Faults (Geology))

GATAL'SKIY, M.A.

Underground waters of White Russia in connection with the evaluation  
of its prospective oil and gas reserves. Trudy VNIGRI no.205:  
165-314 '63. (MIRA 16:7)

(White Russia--Oil field brines)

GATAN, Zh. I.

"The Sea Buckthorn (Oblepikha) -- a New Horticultural Crop in the Altai";

dissertation for the degree of Candidate of Agricultural Sciences  
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,  
1963, pp 232-236)

SYCH, Marek, WINID, Boguchwal; GATARSKI, Julian; TRSTER, Aleksander

Use of electric shock therapy in anesthesia with the application  
of controlled muscle relaxation. Neur. &c. polska 10 no.1:129-  
140 Ja-F '60.

l. z I Kliniki Chirurgicznej A.M. w Krakowie, Kierownik:  
prof. dr J. Bogusz. l. z Kliniki Psychiatrycznej A.M. w Krakowie,  
Kierownik: prof. dr. E. Brzezicki.  
(SHOCK THERAPY ELECTRIC)  
(MUSCLE RELAXANTS ther.)  
(ANESTHESIA GENERAL)

KEPINSKI, Antoni; GATARSKI, Julian

Psychotherapy in everyday medical practice. Polski tygod. lek. 15  
no.17:644-647 25 Ap '60.

1. Z Kliniki Psychiatrycznej A.M. w Krakowie; kierownik: prof.  
dr E.Brzesicki.  
(PSYCHOTHERAPY)

KEPINSKI, Antoni; ORWID, Maria; GATARSKI, Julian

Further practical considerations on group psychotherapy. Neur.  
&c.polska 10 no.5:697-701 '60.

1. Z Kliniki Psychiatrycznej A.M. w Krakowie, Kierownik: prof.  
dr E.Brzezicki.  
(PSYCHOTHERA Y GROUP)



GATARSKI, Julian; KEPINSKI, Antoni; ORWID, Marian; SZYMUSIK, Adam

Some problems of psychotherapeutic methods. Pol. tyg. lek. 17 no.9:  
327-328 26 F '62.

1. Z Kliniki Psychiatrycznej AM w Krakowie; kierownik: prof. dr  
Eugeniusz Brzezicki.

(PSYCHOTHERAPY)

GATARSKI, R.

Intrafactory training activity of the Czestocha Fancy-Goods  
Factory. p. 52. ODZIEZ, Lidz. Vol. 7, no. 2, Feb. 1956.

SOURCE: East European Acession (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956.

GATAULLIN, A.B., assistant

Compound treatment of chronic ulcers of the leg. Kaz.med.zhur.  
no.3:28-30 My-Je '62. (MIRA 15:9)

1. Gospital'naya khirurgicheskaya klinika No.1 (zav. - prof. N.V.  
Sokolov) Kazanskogo meditsinskogo instituta.  
(LEG--ULCERS)

GATAULIN, Akhiyar Muginovich; ZAVERNYAYEVA, L.V., red.

[Prime cost and aggregate labor input in the management of farm output] Sebestoimost' i sovokupnye zatraty truda v proizvodstve sel'skokhoziaistvennoi produktsii. Moskva, Ekonomika, 1965. 187 p. (MIRA 18:6)

L 09988-67 EWT(d)/EWT(l)/EWT(m)/EWP(w)/EWP(c)/EWP(v)/EWP(k) IJP(c) FDN/vv/EM  
ACC NR: AP6030309 SOURCE CODE: UR/0124/66/000/003/0040/0016

AUTHORS: Gataullin, I. G. (Moscow); Stolbotsov, V. I. (Moscow)

ORG: nono

TITLE: Some evaluations of coefficients for equations of perturbed motion of a body with fluid

SOURCE: Inzhonernyy zhurnal. Mekhanika tverdogo tela, no. 3, 1966, 40-46

TOPIC TAGS: incompressible fluid, ideal fluid, perturbation method, motion equation, free oscillation

ABSTRACT: The perturbation motion of a container partially filled with an ideal incompressible fluid is analyzed. The body is assumed to have two planes of dynamic symmetry. The linearized equations of motion for the body-liquid are written, and the following expression is obtained for the apparent moment of inertia of the liquid

$$J_{vv}' = J_{vv} + \sum_{n=1}^{\infty} \frac{\lambda_n}{\mu_n \omega_n^2} \left( 2\lambda_{0n} + \frac{\lambda_n}{\omega_n^2} \right), \quad \lambda_{0n}' - \lambda_{0n} = \lambda_n / \omega_n^2$$

where  $\lambda_n$  and  $\mu_n$  are defined by  $\lambda_n = \int_{\Sigma} z \psi_n dS$ ,  $\mu_n = \int_{\Sigma} \varphi_n \psi_n dS$ .

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L 09988-67

ACC NR: AP6030809

5

and  $\varphi_n, \Psi, \Psi'$  are harmonic functions. The values of the four coefficients

$$\omega_n^2, \lambda_n^2 / \mu_n, \lambda_{on}^2 / \mu_n, J_{nn}$$

of the above expression are then evaluated and shown to be invariant relative to the normalization of the function  $\varphi_n$  in the fundamental harmonic of the fluid oscillations. Several cases are considered, such as a right circular cylinder, conical and spherical cavities, and a circular cylinder with longitudinal, symmetric internal fins. It is shown that the expression

$$\Lambda_1 \approx \omega_1^2 \Omega$$

is a good approximation, where

$$\Omega = \int_E z^2 dS = \sum_{n=1}^{\infty} \frac{\lambda_n^2}{\mu_n \omega_n^2} = \sum_{n=1}^{\infty} \Lambda_n \omega_n^{-2}, \quad \Lambda_n = \lambda_n^2 / \mu_n$$

The authors thank B. I. Rabinovich for his attention to this work. Orig. art. has: 33 equations and 7 figures.

SUB CODE: 20/ SUBM DATE: 02Nov65/ ORIG REF: 007/ OTH REF: 001

Card 2/2 egk

GATAULLIN, M.F., red.; PETROV, K., red.; LEBEDEV, Ye.A., red.; RUMYANTSEV,  
V.P., red.; SMILYANSKAYA, I.M., red.; KOZLOVSKAYA, G.M., red.;  
BERESLAVSKAYA, L.Sh., tekhn. red.

[Modern Lebanon; a handbook]Sovremennyi Livan; spravochnik. Mo-  
skva, Izd-vo vostochnoi lit-ry, 1963. 222 p. (MIRA 16:2)

1. Akademiya nauk SSSR. Institut narodov Azii.  
(Lebanon--Guidebooks)

GATAULLIN, Malyuta Fasluyevich; GEORGIYEV, Yu., redaktor; DANILINA, A.,  
tekhnikeskii redaktor

[Syria] Siria. Moskva, Gos. izd-vo polit. lit-ry, 1956. 39 p.  
(Syria) (MIRA 10:1)



GATAULLIN, N.G.

Preoperative use of oxygen therapy in patients with acquired heart defects [with summary in English]. Vest.khir. 79 no.11:80-86 N '57.  
(MIRA 11:3)

1. Iz 1-go khirurgicheskogo otdeleniya (zav.-prof. N.I.Krakovskiy) Instituta khirurgii im. A.V.Vishnevskogo AMN SSSR. Adres avtora; Moskva, B.Serpukhovskaya, d.27, Institut khirurgii im. A.V.Vishnevskogo AMN SSSR.

(MITRAL STENOSIS, surg.  
preop. oxygen ther. (Rus)  
(OXYGEN, ther. use  
mitral stenosis, preop. (Rus)

GATAULLIN, N.G., Cand Med Sci--(disc) "The value of oxygen therapy  
in <sup>the</sup> surgical treatment of patients with mitral ~~stenosis~~." Mos, 1958.

16 pp (Acad Med Sci USSR), 200 copies (KL, 45-58, 152)

-141-

EXCERPTA MEDICA Sec 18 Vol 3/9 Cardio. Dis. Sept. 59

2642. Oxygen therapy following mitral commissurotomy (Russian text) GATAULLIN  
N. G. Klin. Med. (Moskva) 1958, 36:11 (44-49) Graphs 3

Report on 40 cases of commissurotomy successfully treated with 60% or pure oxygen inhalations through respirators which were moistened with ethyl alcohol (3-4 sessions daily, 15 l./min. for 40-60 min.). The time of cure was dependent upon the degree of mitral stenosis, dyspnoea and hypoxaemia, and was continued for 2-10 days following the operation. The oxygen therapy was applied before the commissurotomy (for 24 sessions) also, on account of the reduction of pulmonary pressure by pure oxygen respiration. In pulmonary oedema small doses of morphine s.c. are recommended to stimulate the vagus, to reduce the pulse rate and respiration frequency, and especially the pure oxygen therapy (20 l./min.). Bialowas - Wroclaw (XVIII, 9)

*Encl. Surgery in A.V. Vishnevskiy  
AMS - USSR*

GATAULLIN, N.G., kand.med.nauk

Torsion of the ovary and fallopian tube in combination with acute appendicitis in a 10-year-old girl. Vop. okh. mat. i det. 6 no.12:80-82 D '61. (MIRA 15:3)

1. Iz kafedry gosspital'noy khirurgii (zav. - prof. L.G. Granov) Bashkirskogo meditsinskogo instituta imeni 15-letiya Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi (dir. - dotsent N.F. Vorob'yev).

(APPENDICITIS)

(~~OVARIAN DISEASES~~)

(~~FALLOPIAN TUBES DISEASES~~)

GATAULLIN, N.G., kand.med.nauk; ATLASOVA, R.Kh.

Mesotheliomas of the peritoneum and pleura. Sov.Med. 27  
no.7:125-128 J1'63. (MIRA 16:9)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. L.G. Granov) i kafedry gospital'noy terapii (zav. - dotsent Z.Sh.Zagidullin) Bashkirskogo meditsinskogo instituta.  
(PERITONEUM-TUMORS) (PLEURA-TUMORS)

GATAULLIN, N.G., kand.med.nauk; ATLASOVA, R.Kh.

Mesotheliomas of the peritoneum and pleura. Sov.Med. 27  
no.7:125-128 JI'63. (MIRA 16:9)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. L.G.  
Granov) i kafedry gospital'noy terapii (zav. - dotsent  
Z.Sh.Zagidullin) Bashkirskogo meditsinskogo instituta.  
(PERITONEUM-TUMORS) (PLEURA-TUMORS)

GATAULLIN, N.G., kand. med. nauk (Ufa, Arkhitekturnaya ulitsa, dom 3,  
kvartira 20)

Surgical tactics in adhesive intestinal obstruction. Vest.  
Khir. 91 no.10:65-69 O '63. (MIRA 17:7)

1. Iz gospi'tal'noy khirurgicheskoy kliniki (zav. - prof. L.G.  
Granov) Bashkirskogo meditsinskogo instituta (rektor - dotsent  
N.F. Vorob'yev).

GATAULLIN, N.G. (Ufa, ul. 8-go Marta, d.134, kv.24)

Intrathoracic cyst of the dura mater. Grud. khir. 6 no.5:118-119  
S-0 '64. (MIRA 18.4)



GATAULLIN, N.G., kand. med. nauk

Pneumoperitoneum as a method for the diagnosis of postoperative  
interperitoneal adhesions. Sov. med. 28 no. 9:96-100 1985.

(MIRA 18:9)

I. Kafedra gosptal'noy khirurgii (zav. - prof. L.G. Granov)  
Bashkirskog meditsinskogo instituta, Ufa.

GATAULLIN, Sh.L. (Bukhara)

Demonstrating the properties of semiconductors. Fiz.v shkole 21  
no.4:88 JI-Ag '61. (MIRA 14:10)  
(Semiconductors)

GATAULLIN, Sh.L. (Tashkent)

Experiment on self-inductance using a semiconducting diode. Fiz.  
v shkole 20 no.4:36 J1-Ag '60. (MIRA 13:8)  
(Self-inductance) (Diodes)

GATAULLIN, Shavkat Lutfullovich; IVANOV, A.I., retsenzent;  
YEGOROVA, Z.F., retsenzent; CHEBOTAREVA, A.V., red.;  
KLIMONTOVICH, V.L., red.

[Study of semiconductors in physics course in secondary schools; manual for teachers] Izuchenie poluprovodnikov v kurse fiziki srednei shkoly; posobie dlia uchitelia. Moskva, Prosveshchenie, 1964. 73 p. (MIRA 18:1)