FISCHER

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PHASE I BOOK EXPLOITATION POL/5981

Symposium on Electroacoustic Transducers. Krynica, 1958

Proceedings of the Symposium on Electroacoustic Transducers [held in] Krynica, 17-26 September, 1958. Warsaw, Panstwowe Wydawnictwo Naukowe, 1961. 442 p. Errata slip inserted. 630 copies printed.

Sponsoring Agency: Polish Academy of Sciences. Institute of Basic Technical Problems.

Ed. in Chief: Janusz Kacprowski, Doctor of Sciences; Editing Committee: Ignacy Malecki, Professor, Doctor of Sciences; Wincenty Pajewski, Doctor; and Jerzy Wohr, Master of Sciences; Secretary: Juliusz Mierzejewski.

PURPOSE: This book is intended for physicists and acoustical engineers.

COVERAGE: The book is a collection of detailed research papers constituting the proceedings of a conference held in Krynica from 17 to 26 September 1958 under the auspices of the Institute of Technical Problems, Polish Academy of Sciences.

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Symposium on Electroacoustic Transducers PGL/5981

The following basic problems are treated: 1) theoretical research on energy transformation processes; 2) experimental development of new types of transducers; 3) electroacoustic measurements; 4) technology of piezoelectric and magnetostrictive materials; 5) construction of transducers for technical needs; and 6) design of acoustical transducer systems. No personalities are mentioned. References (if any) follow the individual articles.

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GREGUSS, Pal, dr.

Soldering and welding by supersonic sound. Elet tud 15 no.24:763-764 12 Je '60.

GREGUSS, Pal, dr.

Regulation of television by supersonic sound. Elet tud 15 no.24:764 12 Je '60.

GREGUSS, Pal, dr. (Jr.)

Ultrasonic therapy. Elet tud 15 no.43:1352-1354 23 O '60.

GREGUSS, Pal, ifj. Dr., okl. vegyesz; HORVATH, Sandor, okl.gepeszmernok

Ultrasonic prevention of boiler scale deposits. Ipari energia 2 no.4:93-94 Ap '61.

1. Vasuti Tudomanyos Kutatointezet (for Greguss). 2. Pest es Nograd megyei Tejipari V. (for Horvath).

GREGUSS, Pal, ifj. Dr., okl.vegyesz; LIPOVECZ, Ivan, Kossuth-dijas

Influencing of oil combustion by acoustic energy. Ipari energia 2 no.5:97-100 My '61.

1. Vasuti Tudomanyos Kutato Intezet (for Greguss).
2. Budapesti Muszaki Egyetem (for Lipovecz).

GREGUSS, Pal, dr. (Jr.)

Living beings in the fields of force. Elet tud 16 no.12:358-361 19 Mr '61.

GREGUSS, Pal dr. (Jr)

That which is next to ultrasonic waves. Elet tud 17 no.7:219-220 F '62.

GREGUSS, Pal, dr., Jr.

Visible sounds. Elet tud 17 no.33:1053-1055 19 Ag '62.

BERTENYI, Anna, dr.; KAMOCSAY, Dezso, dr.; GREGUSS, Pal, dr., ifj.

Ultrasonic treatment of vitreal opacities. Orv. hetil. 103 no.40: 1887-1889 7 O '62.

1. Budapesti Orvostudomanyi Egyetem, II. Szemeszeti Klinika es I. Noi Klinika.

(ULTRASONIC THERAPY) (VITREOUS BODY)

GREGUSS, Pal, dr.

Acoustics and technology. Technika 7 no.4:6-7 Ap '63.

GREGUSS, Pal, dr.

Sining crystals. Technika 7 no.12:8-9 D '63.

GREGUSS, Pal, dr.

Technical and physiological conditions of constructing buildings and cities on the moon. Technika 7 no.7:8-9 Jl '63.

GREGUSS, Pal, dr.

Technology in criminal investigation. Technika 7 no. 9:8-9 S '63.

GREGUSS, Pal, dr.

Diagnosis by ultrasonic waves. Technika 8 no. 6: 8-9 Je '64.

GREGUSS, Pal, dr.

A world-famed small factory; a visit to the Bruel & Kjaer firm.
Technika 7 no.1:3 Ja '63.

HUNGARY

BRANDSTEIN, Laszlo, Dr, GREGUSS, Sandor, Dr, LITTMANN, Imre, Dr, MATE, Karoly, Dr; Capital City Council Executive Committee Tetenyi Ave Hospital, I. Surgical, Neurological and III. Medical Wards (Fovarosi Tanacs VB. [Vegrehajto Bizottsag] Tetenyi Uti Korhaz, I. Sebeszet, Idegosztaly es III. Belosztaly).

"Organic Hyperinsulinism Diagnosed as Epilepsy for Several Years (Pancreatic Islet-Cell Adenoma)."

Budapest, Orvosi Hetilap, Vol 104, No 30, 28 July 63, pages 1416-1418.

Abstract: [Authors' Hungarian summary] The authors report a case of organic hyperinsulinism which, for years, has been diagnosed as epilepsy. The hyperinsulinism resulted from a plum-sized islet-cell adenoma located in the head of the pancreas. After removal of the adenoma, the blood sugar level became normal and the patient was completely cured. In addition to the presentation of the case, the authors discuss the causes, symptoms, course of organic hyperinsulinism and the dangers of faulty diagnosis. The importance of early diagnosis is stressed. The only course of therapy is surgical removal. 3 Hungarian, 15 Western references.

1/1

GREICIUS, Zenonas, inzh.; PUODZIUKYNAS, Leonas, inzh.; BECONIENE, O., red.

[Technical norms and estimates in the construction industry] Techninis normavimas ir samatos statyboje. Vilnius, Valstybine politines ir mokslines lit-ros leidykla, 1964. 306 p. (MIRA 18:1)

PA 162T106

GREIF, IG. M.

RUMANIA/Radio - Receivers
Printed Circuits

Mar/Apr 50

"Mass Production of Radio Receivers," Ig. M. Greif, Engr

"Electricitatea" No 2, pp 71-73

General introduction of radio receivers requires great reduction in purchase price embodying new methods of more efficient and cheaper production. Greif describes circuits printed on ceramic plates. Claims this method is new improvement on printed circuits.

162T106

GREIF, S;MORO, E..

The Houssay phenomenon in diabetes mellitus. Klin. Med., Wien 5 no.7:304-312 July 1950. (CIML 20:1)

1. Of the Second Medical Department of the Regional Hospital in Graz (Head--Docent Stefan Greif, M. D.).

GREIF, S.; WENNIG, F.

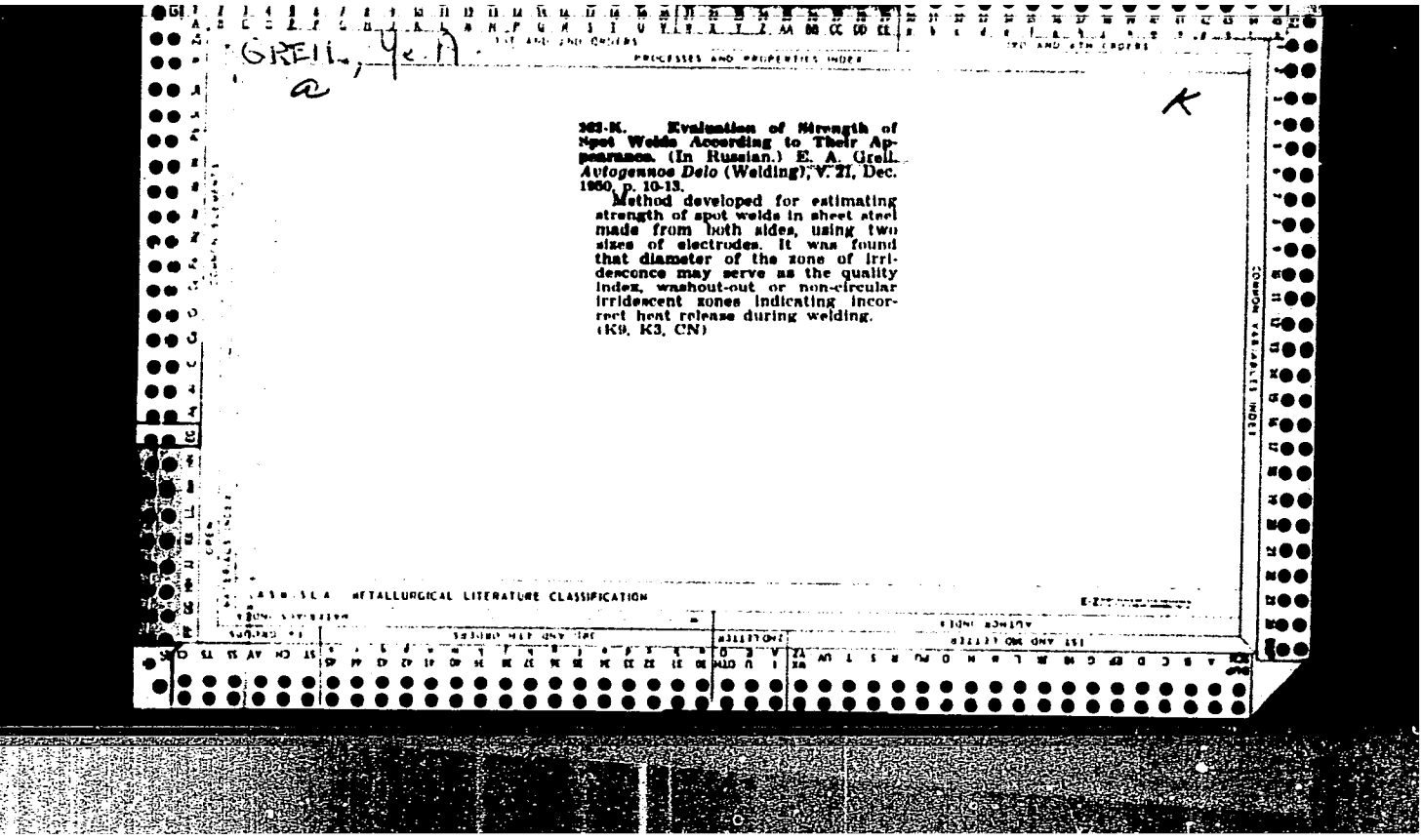
Cobalt, blood regeneration and the treatment of anemia. Wien. klin. Wschr. 63 nos.35-36:657-659 7 Sept 1951. (CIML 21:1)

1. Of the Second Medical Department of the Regional Hospital in Graz (Head -- Docent St. Greif, M.D.).

GREIFOVA, V.; POLASKOVA, V.; WOLFOVA, H.

Thoracic injuries in fatal traffic accidents. Acta chir. orthop. traum. cech. 30 no.3:197-202 Je '63.

1. Ustav pro soudni lekarstvi fakulty vseobecneho lekarstvi KU v Praze, prednosta doc. dr. J. Tesar, CSc.
(THORACIC INJURIES) (ACCIDENTS, TRAFFIC)
(ALCOHOLIC INTOXICATION)
(BLOOD CHEMICAL ANALYSIS)
(STATISTICS)



GRELL, Ye. A.

a

K

Evaluation of Strength of Spot Welds According to Their Appearance. (In Russian.) E. A. Grell. *Avtogennoe Delo* (Welding), V. 21, Dec. 1950, p. 10-13.

Method developed for estimating strength of spot welds in sheet steel made from both sides, using two sizes of electrodes. It was found that diameter of the zone of irridescence may serve as the quality index, washout-out or non-circular irridescent zones indicating incorrect heat release during welding. (K9, K3, CN)

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

GREIL', Ye.A.; TROYEPOL'SKIY, V.N.; KHYUKOV, V.L., redaktor; MUSHTAKOV, L.P., redaktor; PETRUSHKO, Ye.I., tekhnicheskiy redaktor

[Cold welding of cast iron] Kholodnaia svarka chuguna. Moskva, Gos.izd-vo selkhoz.lit-ry, 1955. 46 p. (MLRA 8:10)
(Cast iron--Welding)

GREINER, A.

Hypotensive effect of Viscum album. Orv. hetil. 94 no. 3:80-81 18 Jan 1953. (CIML 24:1)

1. Doctor. 2. Internal Department (Head Physician -- Dr. Antal Greiner), Sopron Municipal Council Hospital.

GREINER, Antal, dr.,; BRENNER, Ferenc, dr.,; HAMBALGO, Gyorgy, dr.

Diagnostic value of pain caused by alcohol consumption in Hodgkin's disease. Orv. hetil. 97 no.21:583-584 20 May 56.

1. A Sopron Varosi Tanacs Korhaza Belosz. (igaz.-foorvos: Greiner Antal dr.) kozl.

(HODGKIN'S DISEASE, manifest.
pain caused by alcohol consumption, diag. value (Hun))
(ALCOHOLIC BEVERAGES, eff.
pain in Hodgkin's dis., diag. value (Hun))
(PAIN
caused by alcohol consumption in Hodgkin's dis., diag. value (Hun))

GREINER, H., inz.

Limits of manufacture and application of plastic materials components in the construction of precision and optical equipment. Pomiary 8 no.4: 174-180 Ap '62

GREINER, I.S.

A case of unsuccessful smallpox prevention vaccination. Orv. hetil. 94 no.21:576-579 24 May 1953. (CIML 25:1)

1. Doctor. 2. Budapest Municipal 13th District Council 13/1 Defense Institute.

GREINER, Iren S --, dr.

Varicella cases in a day nursery. Orv. hetil. 98 no.16: 405-407 21 Apr 57.

1. A Budapesti VIII. ker Tanacs V. B. 2. sz. Csecsemootthona VIII. Kerepesi ut 33.
(CHICKENPOX, epidemiol.
in Hungary, epidemic in a day nursery (Hun))

S. GREINER, Iren, dr.; KENEDI, Istvanne, dr.; F. KEREKES, Emilia, dr.

Nutrition of newborn infants using Moll's calcium milk.
Gyermekgyogyaszat 14 no.1:28-31 Ja '62.

1. A Budapesti VIII. ker. Tanacs VB. 2. sz. Csecsemootthona, VIII., Kerepesi ut 33. (Intezeti igazgato: S. Greiner Iren dr.) kozlemenye.
(RICKETS) (ANDROGENS) (STEROIDS)
(INFANT NUTRITION DISORDERS)

GREINER, J.

From the practice of an instructor pilot, p. 12, REPULES, (Magyar Onkentes Honvedelmi Szovetseg) Budapest, Vol. 8, No. 11, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol.4, No. 12, December 1955

GREINER, JOZSEF

SZONDY, Istvan, dr; VAJDA, Laszlo, dr; GREINER, Jozsef, dr

Application of acrylic resins in prostheses in dental practice. Fogorv. szemle 47 no.7:209-217 July 54.

1. Kozlemeny a Fogorvosi Tovabbkepzo Intezetbol (Vezeto foorvos: Kende Janos dr.)

(ACRYLIC RESINS, dent. prosthesis) (DENTAL PROSTHESIS, acrylic)

CSORBA, Lajos, dr.; SCHERER, Eva, dr.; GREINER, Veronika, dr.

General and local anesthesia in pulmonary surgery. Orv. hetil. 101 no.18:622-626 1 My '60.

1. Orszagos Koranyi Tbc. Intezet, Sebeszeti Osztaly.
(LUNG surg.)
(ANESTHESIA LOCAL)
(ANESTHESIA GENERAL)

GREJCZ, B.

"Leveling and telecommunication measurements in interurban stations."

p. 18 (Tele-Radio) Vol. 3, no. 1, Jan. 1958
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

S/194/62/000/002/091/096
D230/D301

AUTHOR: Grejcz, Boleslav

TITLE: Long-distance communication network in Poland

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-8-1a (Wiadom. telekomun., 1961, 1, no. 1, 16-26)

TEXT: A short historical review is given of the long-distance communication network in Poland, emphasizing its rapid growth in recent years, particularly in the field of telephonic communication. The trunk network employs loaded cable lines, single and twin-cable lines with unloaded pairs, overhead cables, coaxial cables and radio links. The loaded cable lines employ spiral twists with core diameters of 1.2 and 0.9 mm. Old-type 32 l.f. amplifiers and universal amplifiers of the new type U-1 and U-2 are used in this trunk service. Single-cable lines with unloaded pairs are used in conjunction with h.f. apparatus type MF-8 or Z8/V16. It is intended, in the near future, to use these cables on a double-band apparatus

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type TN12/24 (Poland), in the operating bands 6 - 24 and 60 to 108 kc/s. Twin-cable, 1.2 mm dia. lines with unloaded pairs are used on 12- and 24-channel h.f. systems of the type V-12, TF-941 (GDR), K-24 (USSR) and also ME-16 and U-12 made by Siemens (FRG). Work is being done in conjunction with the domestic 12-channel h.f. apparatus type AT-12 (operating frequency band 12 to 60 kc/s). The construction of the overhead lines will be considerably limited in the future. Color circuits are used on single and twin-wire lines (Cu, 3 mm dia.). Steel circuits (3 and 4 mm dia.) comprise 30% of total circuits. Overhead circuits employ single-channel apparatus made at home and by the Tesla firm (CSR); in addition, the multi-channel equipment used are the B50T3, SOS/SOT, ME-8 and MG-15 types. Between 1961 and 1965 it is planned to use multi-channel systems on coaxial and symmetric cables and to use cable lines on short links. It is intended employing 1920 and 300-channel h.f. systems on coaxial lines and 12- to 24-channel systems on symmetric cables. The main trend in the development of the telephone communication is the realization of symmetric trunking without loading, and application of the equipment to d.c. [Abstracter's note: Complete translation.]

Card 2/2

GREJCZ, Boleslaw, mgr inz.

Works of Study Commission IV of the International Telegraph and Telephone Committee (CCITT) on maintenance of the teletransmission network. Przegl telekom 34 no.9:273-276 S '61.

GREJCZ, Boleslaw, mgr inz.

Protection of cables from corrosion; works of Study Commission VI of the International Telegraph and Telephone Consultative Committee (CCITT). Przegl telekom 34 no.9:277 S '61.

LEVITSKIY, Ya.B.; MASKIN, M.G.; GRIGOR'YEV, G.I.; SHMIDT, A.K.; GREK, A.I.

For radical changes to improve coal quality standards. Ugol' 32 no.10: 44-45 O '57. (MIRA 10:11)

(Coal--Grading)

ACC NR: AP7006064 SOURCE CODE: UR/0251/66/042/001/0011/0015

AUTHOR: Grek, A. S.
ORG: Ivanovo Chemical Technological Institute (Ivanovskiy khimiko-tekhnologicheskiy institut)
TITLE: Regular polyhedra on surfaces with an euler characteristic of $\chi = -4$

SOURCE: AN GruzSSR. Soobshcheniya, v. 42, no. 1, 1966, 11-15
TOPIC TAGS: solid geometry, Euler equation
SUB CODE: 12
ABSTRACT: An article by V. A. REFREMOVICH gave a simple definition of a locally regular polyhedron of local type (μ, m) plotted on a surface and showed that on a closed surface of negative characteristic there exists a finite number of locally regular and "completely" regular polyhedra.

The author of the present article previously showed that there are no completely regular polyhedra on a surface with $\chi = \alpha_0 - \alpha_1 + \alpha_2 = -1$ but that completely regular polyhedra exist on surfaces with $\chi = -2$ or -3. The present article enumerates all the completely regular polyhedra on surfaces with $\chi = -4$, both in the orientable case (triple torus) and in the non-orientable case. The authos notes that in finding the regular polyhedra he used the results and methods given by him in an earlier article, and therefore no proof is given in the present article. There was found to be 17 polyhedra on surfaces with $\chi = -4$ in the orientable case and 6 polyhedra in the non-orientable case.

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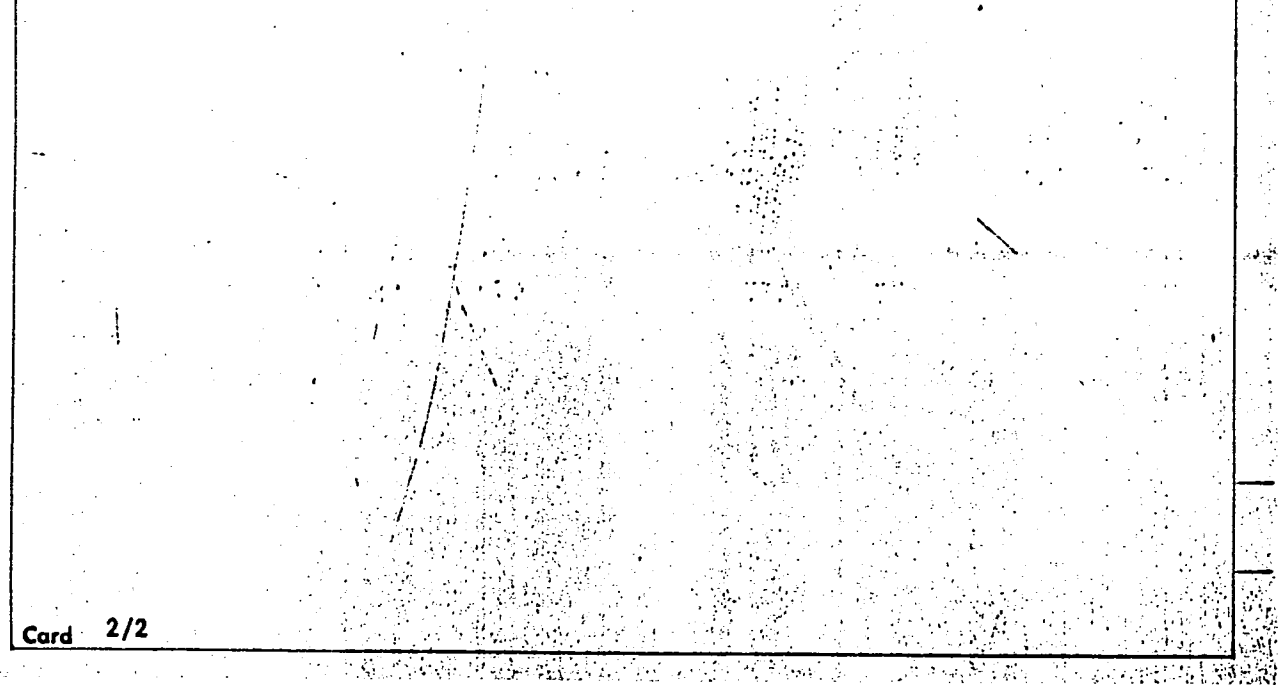
0927087Z

ACC NR: AP7006064

This paper was presented by Academician G. S. Chogoshvili on 15 March 1965.
Orig. art. has: 1 figure and 8 formulas. [JPRS: 37,330]



Card 2/2

GREK, A.S.

Regular polyhedra on a closed surface with the Euler characteristic $\chi = -1$. Trudy Mat. inst. AN Gruz. SSR 27:103-112 '60. (MIRA 15:3)

(Polyhedra) (Topology)

GREK, A.S.

Regular polyhedra of simple hyperbolic type. Uch.zap.Ivan.gos.ped. inst. 34:27-30 '64. (MIRA 18:4)

GREK, A.V., starshiy nauchnyy sotrudnik.

Necessity of coal classification by size. Standartizatsiia no.3:41-45 My-Je '54. (MLRA 7:6)

1. Nachal'nik otdela standartizatsii VNII ugleobogashcheniya.
(Coal--Standards)

GREK, A.V.

KHARITONOV, S.I.; SHTUMPF, A.G.; GREK, A.V.; TSYMBALYUK, A.G.; KAZNACHEYEV, I.M.; BOGACHEVA, A.G.

Response to V.D.Avramenko's article "For a fundamental change in the system of standardizing the quality of coal" ("Ugol'" no.2. 1955). Ugol' 30 no.9:43-45 S'55. (MLRA 8:12)

1. Trest Molotovugol' kombinata-Kuzbassugol' (for Kharitonov) 2. Shakhta "Kapital'naya-1" tresta Molotovugol' (for Shtumpf) 3. Nachal'nik Otdela standartizatsii Vsesoyuznogo nauchno-issledovatel'skogo instituta Ugleobogashcheniya (for Grek) 4. Toplivnaya inspektsiya M.P.S. po Kuzbassu "Sibtranstop" (for TSymbalyuk and Kaznacheyev) 5. Nachal'nik Otdela tekhnicheskogo kontrolya shakhty no.4 "Yurkovskaya" (for Bogacheva)
(Coal--Standards) (Avramenko, F.D.)

GREK, A.V., inzh.

Basic principles for establishing a classification of coals.
Sbor. inform. po obog. i brik. ugl. no.3:36-40 '57.
(MIRA 12:9)

(Coal grading)

GREK, A.V., ekonomist; KOZKO, A.I., inzh.

The Scientific Research Institute of Coal Preparation is the basic organization for coal standardization. Obog.i brik. ugl. no.21: 141-148 '61. (MIRA 16:5)
(Coal preparation) (Coal standards)

GREK, F.Z.; KISEL'NIKOV, V.N.

Determination of the porosity of fluidization systems using the acoustic method. Izv.vys.ucheb.zav.;khim.i khim.tekh. 6 no.4:659-667 '63. (MIRA 17:2)

1. Ivanovskiy khimiko-tekhnologicheskiy institut. Kafedra protsessov i apparatov khimicheskoy tekhnologii.

GREK, F.Z.; KISEL'NIKOV, V.N.

Viscosity of the fluidized bed. Zhur.prikl.khim. 35 no.10: 2235-2241 O '62. (MIRA 15:12)

1. Kafedra protsessov i apparatov Ivanovskogo khimiko-tekhnologicheskogo instituta.

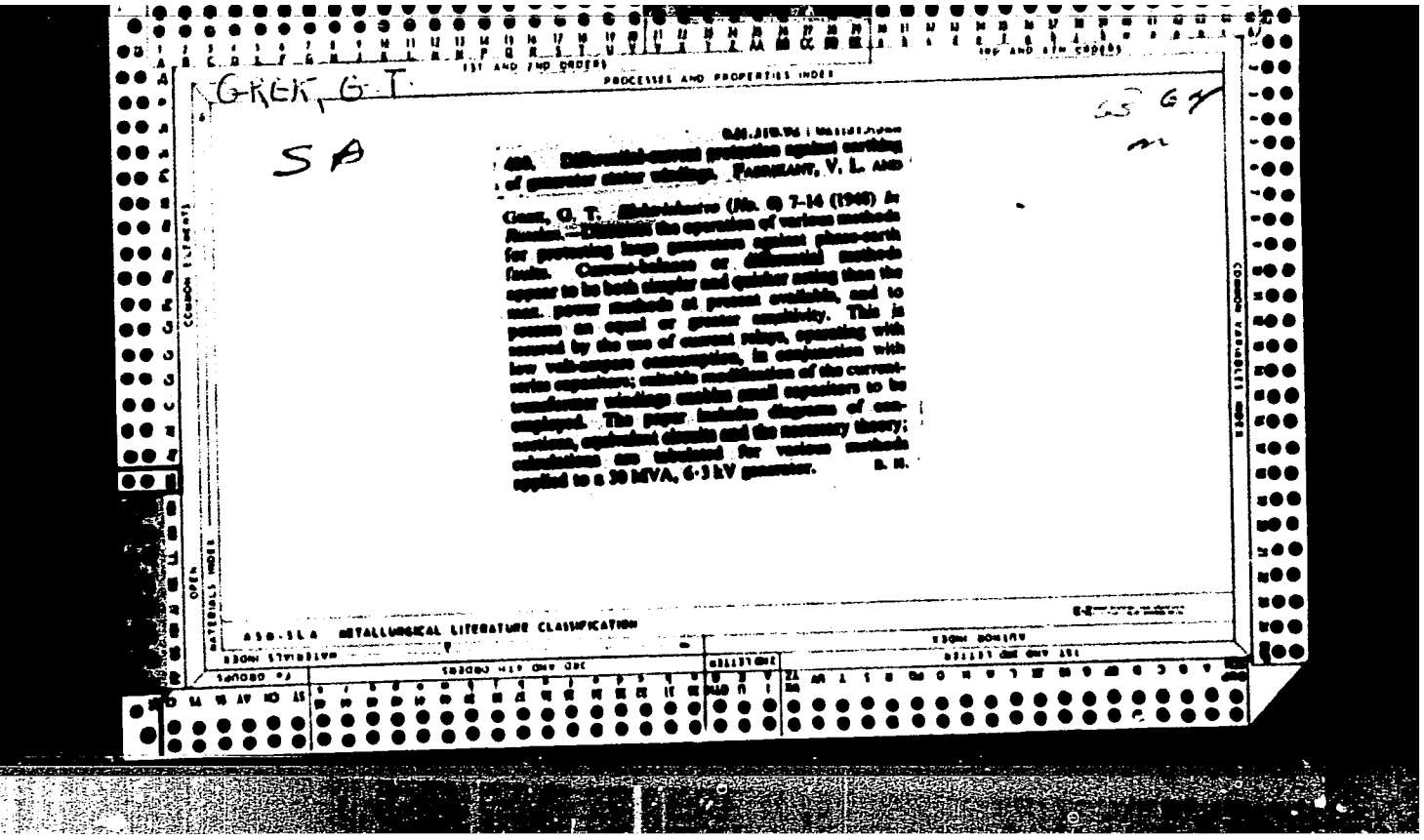
(Fluidization) (Viscosity)

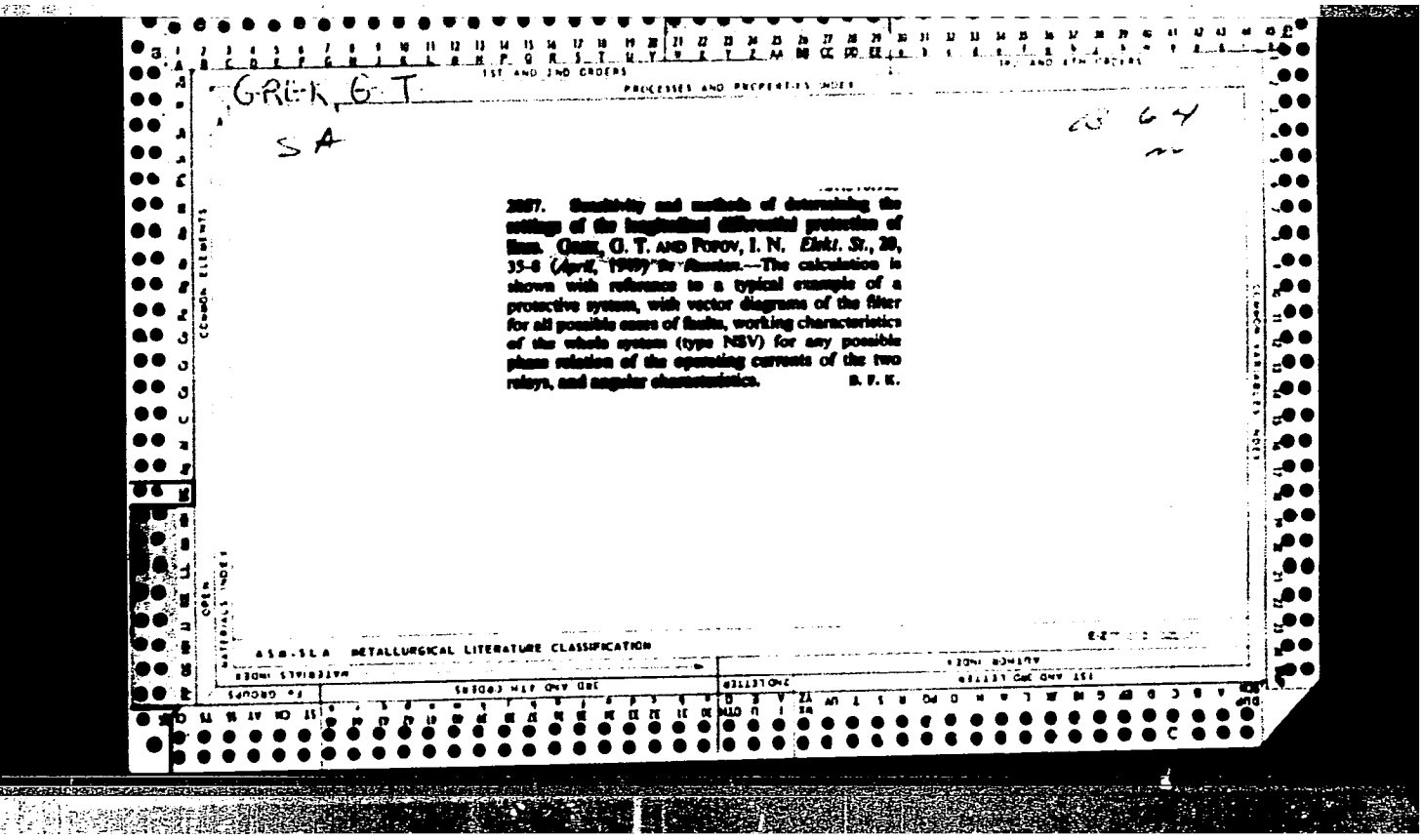
GREK, F. Z.; KISELNIKOV, V. N.

"Apparent viscosity offluidized bed as a measure of its aggregation."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Ivanov Chemical Technology Inst.





GREEK, G. T.

SA

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2087. Sensitivity and methods of determining the settings of the longitudinal differential protection of lines. Greek, G. T. and Popov, I. N. *Elektr. St.*, 20, 35-8 (April, 1949) In Russian.—The calculation is shown with reference to a typical example of a protective system, with vector diagrams of the filter for all possible cases of faults, working characteristics of the whole system (type NSV) for any possible phase relation of the operating currents of the two relays, and angular characteristics. B. F. K.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

GREK, G. T.

USSR/Electricity - Relay Protection Aug 51
Transformers, Instrument

"Determination of the Optimum Parameters for Fast-Saturation Current Transformers Used in Relay Protection," Docent V. L. Fabrikant, G. T. Grek, Engr, Moscow

"Elektrichestvo" No 8, pp 30-37

Gives method of detg the optimum parameters of fast-satn current transformers used in protective relaying by tests with dc magnetization. Determines optimum parameters for transformer steel, high-permeability cold-rolled steel, and permalloy. Submitted 20 Jan 51. 196T26

GREK, G.T., inzh. (Moskva)

High-speed differential relay protection using semiconductors.
Elektrichestvo no.3:14-20 Mr '60. (MIRA 13:6)
(Electric relays) (Electric protection)

DROZDOV, Aleksandr Dmitriyevich; GREK, G.T., inzh., red.

[Electric circuits with ferromagnetic cores in relay protection] Elektricheskie tsepi s ferromagnitnymi serdechnikami v releinoi zashchite. Moskva, Energiia, 1965. 239 p. (MIRA 18:2)

GREK, Ivan

Waste water from cellulose and paper factories; survey of 1963 literature. Papir a celuloza 19 no.12:322-324 D '64.

1. Research Institute of Paper and Cellulose, Workaite Prague.

GREK, I.

Development of the fat industry in Slovakia.

p. 117
Vol. 6, no. 3, 1955
PRUMYSL POTRAVIN
Praha

SOURCE: Monthly List of East European Accessions (EEAL), LC, VOL, 5, no. 3
March 1956

GREK, N. V., ekonomist

Basic requirements for fuel sampling and sample processing machines. Obog. i brik. ugl. no.24:45-48 '62. (MIRA 15:10)

(Fuel—Analysis) (Testing machines—Standards)

GEL'MAN, N.E.; BRESLER, P.I.; RUZIN, B.N.; GREK, N.V.; SHEVELEVA, N.S.; MEL'NIKOVA, A.A.

New method for the automatic microdetermination of carbon and hydrogen in organic compounds. Dokl. AN SSSR 161 no.1:107-110 Mr '65. (MIRA 18:3)

1. Institut elementoorganicheskikh soyedineniy AN SSSR i Spetsial'-noye konstruktorskoye byuro analiticheskogo priborostroyeniya AN SSSR. Submitted July 29, 1964.

GREKH, I.F.

Data on the characteristics of the anti-inflammatory effect of sulfapyridine. Farm.i toks. 16 no.6:31-37 N-D '53. (MLRA 7:1)
(Sulfapyridine)

GR[illegible], T. P.

"Data on the Comparative Characteristics of the Anti-Inflammatory Effect of Sulfidine, Pyramidon, and Ascorbic Acid in Thermal Burns." Cand Med Sci, Naval Medical Academy, Leningrad, 1954. (RZhBiol, No 4, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

USSR

Antiphlogistic effects of metacyl and pentoxyl. I. F. Grekh. *Farmakol. i Toksikol.* 17, No. 5, 30-9(1954). Rabbit ears (distal half of helix) were inflamed by 3-min. contact with water at 53°. Metacyl and pentoxyl were given *per os*, 40 mg./kg. in 3 ml. distd. water, 3 hrs. before, half doses 6 and 9 hrs. after, full doses 24, 48, 72, and 96 hrs. after treatment. Both drugs ameliorated exudative changes and had antipyretic effects. Julian F. Smith

GREKH, I. F.

"The Influence of Pentoxyl on the Course of Radiation Sickness in White Mice," by I. F. Grekh, Chair of Pharmacology (Prof N. V. Lazarev, chief, Honored Scientific Worker), Naval Medical Academy, Meditsinskaya Radiologiya, Vol 1, No 5, Sep-Oct 56, pp 51-55

White mice were irradiated by 800 r, 1036 r, and 633 r, and then treated by pentoxyl. Series 1, 2, 3, and 4 of the experiments proved that treatment with pentoxyl and isotonic salt solution prolonged the life of the mice and there was a greater survival from radiation sickness. Results proved, also, that the effect was more pronounced if treatment was started immediately after irradiation. Series 5 of these experiments combined pentoxyl with chemotherapeutic agents, and the results proved that pentoxyl was most effective when combined with streptomycin or streptomycin combined with penicillin.

Experimental results coincided with clinical observations which reflected a decrease in the severity of radiation sickness due to pentoxyl or pentoxyl combined with chemotherapeutic agents. The author concludes that pentoxyl increases the effectiveness of chemotherapeutic agents in radiation sickness and evidently in other sicknesses in which infection plays an important role.

Sum 1274

GREKH, I.F. (Leningrad)

Protective effect of certain pyrimidine derivatives agains X rays in white mice. Med.radl 3 no.6:67 N-D '58. (MIRA 12:1)
(PYRIMIDINE)
(RADIATION PROTECTION)

GREKH, I.F. (Leningrad)

Combined treatment of radiation sickness in white mice. Med.rad. 3 no.6:68 N-D '58. (MIRA 12:1)
(RADIATION SICKNESS)

LAZAREV, N.V., prof., zasl.deyatel' nauki RSFSR; GREKH, I.F., kand.med.nauk (Leningrad)

Pyrimidines and therapy. Vrach.delo no.2:113-118 F '59. (MIRA 12:6)

1. Kafedra farmakologii, farmatsii i farmakognozii (zav. - zasl.deyatel' nauki RSFSR, prof.N.V.Lazarev) Voyenno-meditsinskoy akademii imeni S.M.Kirova.
(PYRIMIDINES--THERAPEUTIC USE)

GREKH, I.F.

Potentiation of the therapeutic effect of chlortetracycline by certain pyrimidine derivatives. Antibiotiki 4 no.3:90-94 My-Je '59. (MIRA 12:9)

1. Kafedra farmakologii, farmatsii i farmakognozii (nach. - prof.N.V.Lazarev) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(ROENTGEN RAYS, eff.
eff. of chlortetracycline potentiated by pyrimidine deriv. on radiation sickness (Rus))
(CHLORTETRACYCLINE, eff.
on exper. radiation sickness, potentiation by pyrimidine deriv. (Rus))
(PYRIMIDINES, eff.
on exper. radiation sickness, potentiation of chlortetracycline (Rus))

GREKH, I.F., dotsent

Conference on adaptive reactions and methods for increasing the resistance of the body. Voen.med.zhur. no.5:93-95 My '59. (MIRA 12:8)

(IMMUNITY)

GREKH, I.F. (Leningrad)

Effect of certain drugs on blood aspiration from the pleural cavity in rabbits. Pat. fiziol. i eskp. terap. 4 no. 6:53-57 N-D '60. (MIRA 14:2)

1. Iz kafedry farmakologii i farmakognozii (zav. - zasluzhennyy deyatel' nauki prof. N.V. Lazarev) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(HEMOTHORAX)

GREKH, I.F.

Conference on the regulation of inflammatory and regenerative processes. Farm.i toks. 23 no.4:370-372 Jl-Ag '60. (MIRA 14:3)
(INFLAMMATION) (REGENERATION (BIOLOGY))

LAZAREV, N.V.; GRIKH, I.F.

Conference on the problem of accommodation reactions and methods for increasing the resistance of the organism to unfavorable influences. Zhur.mikrobiol.epid.i immun. 31 no.1:156-158 Ja '60. (MIRA 13:5)

(ADAPTATION (BIOLOGY))

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L., prof.; VAL'DMAN, A.V., doktor med. nauk; VEDENEYEVA, Z.I., kand. med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L., kand. med. nauk; GINETSINSKIY, A.G., prof.; GORBOVITSKIY, S.Ye., prof.; GREBENKINA, M.A., dotsent; GREKH, I.F., dots.; DENISENKO, P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYANIKOV, V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZEYMAL', E.V., kand. med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.M., prof.; KIVMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV, A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV,N.V., prof.; LAPIN, I.P., kand. med. nauk; MEL'NIKOVA, V.F., prof.; MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY, Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PANIBOK, V.P., prof.; PERSHIN, G.N., prof.; PLANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A., prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.; ROZOVSKAYA, Ye.S., dots.; RYBOLOVLEV, R.S., starshiy nauchnyy sotr.; SALYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, R.R., kand. biol. nauk; TIUNOV, L.A., kand. med. nauk; TOMILINA, T.N., dots.; FELISTOVICH, G.I., kand. med. nauk; FRUYENTOV, N.K., kand. med. nauk; KHAUNINA, R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I., prof.;

(Continued on next card)

ABRAMOVA, Zh.I.---(continued) Card 2.
CHERNOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.; YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.; NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUMAYEVA, Z.V., tekhn. red.

[Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad, Medgiz. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Anichkov, Karasik, Cherkes). 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy, Planel'yes).

(PHARMACOLOGY)

GREKH, I.F.; BOGNIBOV, Ye.A.

Method of determining pepsinogen (uropepsinogen). Lab. delo 7 no.5:16-17 My '61. (MIRA 14:5)

1. Kliniko-diagnosticheskaya laboratoriya (zav. - dotsent I.F. Grekh) Instituta onkologii AMN SSSR, Leningrad.
(PEPSINOGEN)

GREKH, I.F., dotsent (Leningrad)

Conference on the problem of the medical use of pyrimidine derivatives (January 20 - 22, 1961 in Rostov-on-Don). Kaz. med. zhur. no.5:92-93 S-O '61. (MIRA 15:3)
(PYRIMIDINE)

GREKH, I.F.

Comparative evaluation of the determination of the blood coagulation rate according to the methods of Bazaron and Sukharev. Lab.delo 7 no.7:28-31 Jl '61. (MIRA 14:6)

1. Kliniko-diagnosticheskaya laboratoriya (zav. - dotsent I.F.Grekh) Instituta onkologii AMN SSSR, Leningrad.
(BLOOD--COAGULATION)

GREKH, I.F.; BOGNIBOV, Ye.A.

Method for determining calcium in the blood plasma by means of flame photometry. Lab.delo 8 no.8:15-18 Ag '62. (MIRA 15:9)

1. Kliniko-diagnosticheskaya laboratoriya (zav. - dotsent I.F. Grekh) Instituta onkologii (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I.Serebrov) AMN SSSR, Leningrad.
(CALCIUM IN THE BODY) (FLAME PHOTOMETRY)

GREKH, I.F.; BOGNIBOV, Ye.A.

Evaluation of the incretory activity of the stomach and its importance in the diagnosis of malignant neoplasms. Vop. onk. 8 no.9:68-75 '62. (MIRA 17:6)

1. Iz kliniko-diagnosticheskoy laboratorii (zav.- dotsent I.F. Grekh) Instituta onkologii AMN SSSR (dir.-deystvitel'nyy chlen AMN SSSR, prof. A.I. Serebrov). Adres avtorov: Leningrad, P-129 2-ya Berezovaya alleye, 3, Institut onkologii AMN SSSR.

GREKH, I.F.

Conference on the Problem of Medical use of Pyrimidine Derivatives. (MIRA 15:8)
Sov.med. 25 no.5:151-153 My '62.
(PYRIMIDINE)

GREKH, I.F.; TURBINA, I.L.; KARLINSKAYA, R.S.

Effect of some pyramidine derivatives on the toxic and antineoplastic action of sarcolysine. Vop. onk. 9 no.8:41-48 '63
(MIRA 17:4)

1. Iz laboratorii eksperimental'noy onkologii (zav. - zasluzhennyy deyatel' nauki prof. N.V. Lazarev) i kliniko-diagnosticheskoy laboratorii (zav. - dotsent I.F. Grekh) Instituta onkologii AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov). Adres avtorov: Leningrad, P-129, 2-ya Berezovaya alleya, 3, Institut onkologii AMN SSSR.

GREKH, I.F.; KARLINSKAYA, R.S.; TURBINA, I.L.

Effect of some pyrimidine derivatives on the metastasis of inoculated SSK sarcoma in rats. Vop. onk. 9 no.9:23-27 '63. (MIRA 17:9)

1. Iz laboratorii eksperimental'noy onkologii (zav.- zasluzhennyy deyatel' nauki prof. N.V. Lazarev) i kliniko-diagnosticheskoy laboratorii (zav.- dotsent I.F. Grekh) Instituta onkologii AMN SSSR (dir.- deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov). Adres avtorov: Leningrad, P-129, 2-ya Berezovaya alleya, 3, Institut onkologii AMN SSSR.

GREKH, I.F.; ZEL'DOVICH, D.R.; BOGNIBOV, Ye.A.

Effect of radiotherapy on the content of some electrolytes in erythrocytes, blood plasma and urine of patients with cancer of the cervix uteri. Med. rad. 9 no.2:52-56 F '64.
(MIRA 17:9)

1. 3-ye khirurgicheskoye otdeleniye (zav.- prof. V.P. Tobilevich) i kliniko-diagnosticheskaya laboratoriya (zav.- dotsent I.F. Grekh) Instituta onkologii AMN SSSR.

GREKH, I.F.; KARLINSKAYA, R.S.; TURBINA, I.L.

Effect of some pyrimidine derivatives on the metastasis of transplantable SSK rat sarcoma. Vop. onk. 10 no.2:98-105 '64. (MIRA 17:7)

1. Iz laboratorii eksperimental'noy onkologii (zav. -zasluzhennyy deyatel' nauki prof. N.V. Lazarev) i kliniko-diagnosticheskoy laboratorii (zav.- dotsent I.F. Grekh) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov). Adres avtorov: Leningrad, P-129, 2-ya Berezovaya alleya, Institut onkologii AMN SSSR.

GREKH, I.F., dotsent

Conference on the use of pyrimidine derivatives in oncology and other branches of medicine. Vop. onk. 10 no.4:112-114 '64. (MIRA 17:11)

GREKH, I.F. (Leningrad, K-156, B. Osipovskaya ul., d.6, kv.22); KARLINSKAYA, R.S.; TURBINA, I.L.

Results of the treatment of rats with transplanted SSK sarcoma with ThioTEPA associated with some pyrimidine derivatives. Vop onk. 10 no.8:84-87 '64. (MIRA 18:3)

1. Iz laboratorii eksperimental'noy onkologii (zav. - zasluzhennyy deyatel' nauki prof. N.V.Lazarev) i kliniko-diagnosticheskoy laboratorii (zav. - dotsent I.F.Grekh) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I.Serebrov).

GREKH, I.F.; KLECHIKOV, L.Z.; YASHKIN, P.M.; TURBINA, I.I.

C-reactive protein in benign neoplasms and cancer. Vop. onk. 11 no.7:37-40 '65. (MIRA 18:9)

1. Iz klinika-diagnosticheskoy laboratorii (zav.- dotsent I.F. Grekh Instituta onkologii AMN SSSR (dir.- deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov).

GREKH, S.P., inzh.; GOL'DIN, G.B., inzh.

Tubular joint for joining bundles of coiled strands and straight wire. Transp. stroi. 14 no.4:50-51 Ap '64. (MIRA 17:9)

[redacted]

Building a multispan bridge across the Irtysh. Transp. stroi.
35 n.3:21-22 F '65. (MIRA 18:3)

GREKH, V.D.

Cost accounting in the Oil Field Administration of the Dolina Petroleum Trust of the Lvov State Farm. Neft. i gaz. prom. no.2:36-39 Ap-Je '64. (MIRA 17:9)

GREKHNEV, A.N.

Studying local agriculture as part of the course in economic geography of the U.S.S.R. Geog. v shkole 20 no.3:39-40 My-Je '57. (MLRA 10:6)

1. Bol'she-Klyuchishchenskaya shkola Ul'yanovskoy oblasti.
(Agriculture--Study and teaching)
(Geography, Economic--Study and teaching)

CHEKHNEV, A.N.

Excursion as a method of reviewing material covered in geography. Geog.v shkole 23 no.2:61-63 Mr-Ap '60. (MIRA 13:6)

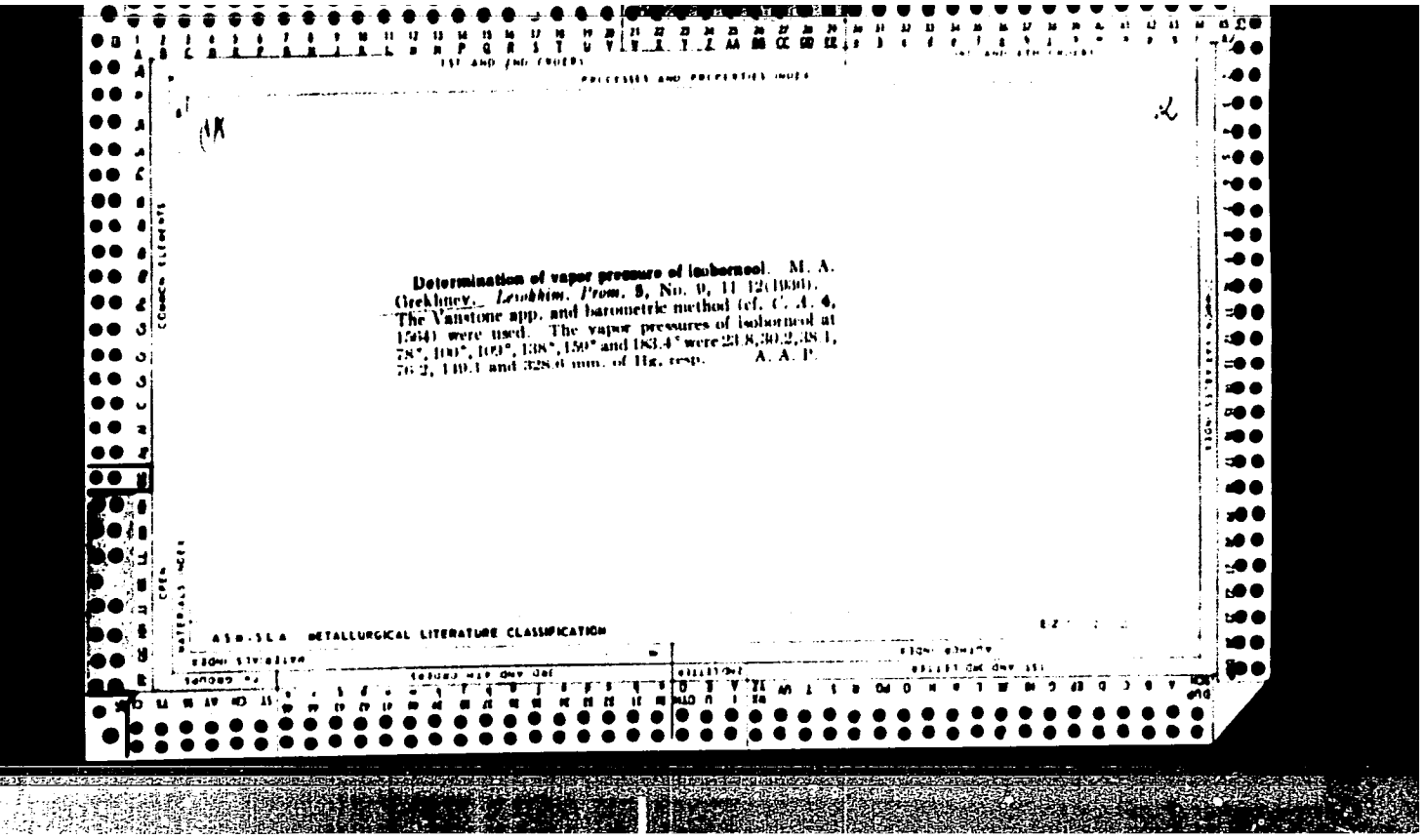
1. Bol'she-Klyuchishchenskaya shkola Ul'yanovskoy obl.
(Ul'yanovsk Province—School excursions)
(Geography--Study and teaching)

GREKHNEV, A.N.

Excursions for the study of the natural resources of a local province. Geog. v shkole 26 no.1:52-53 Ja-F '63. (MIRA 16:5)

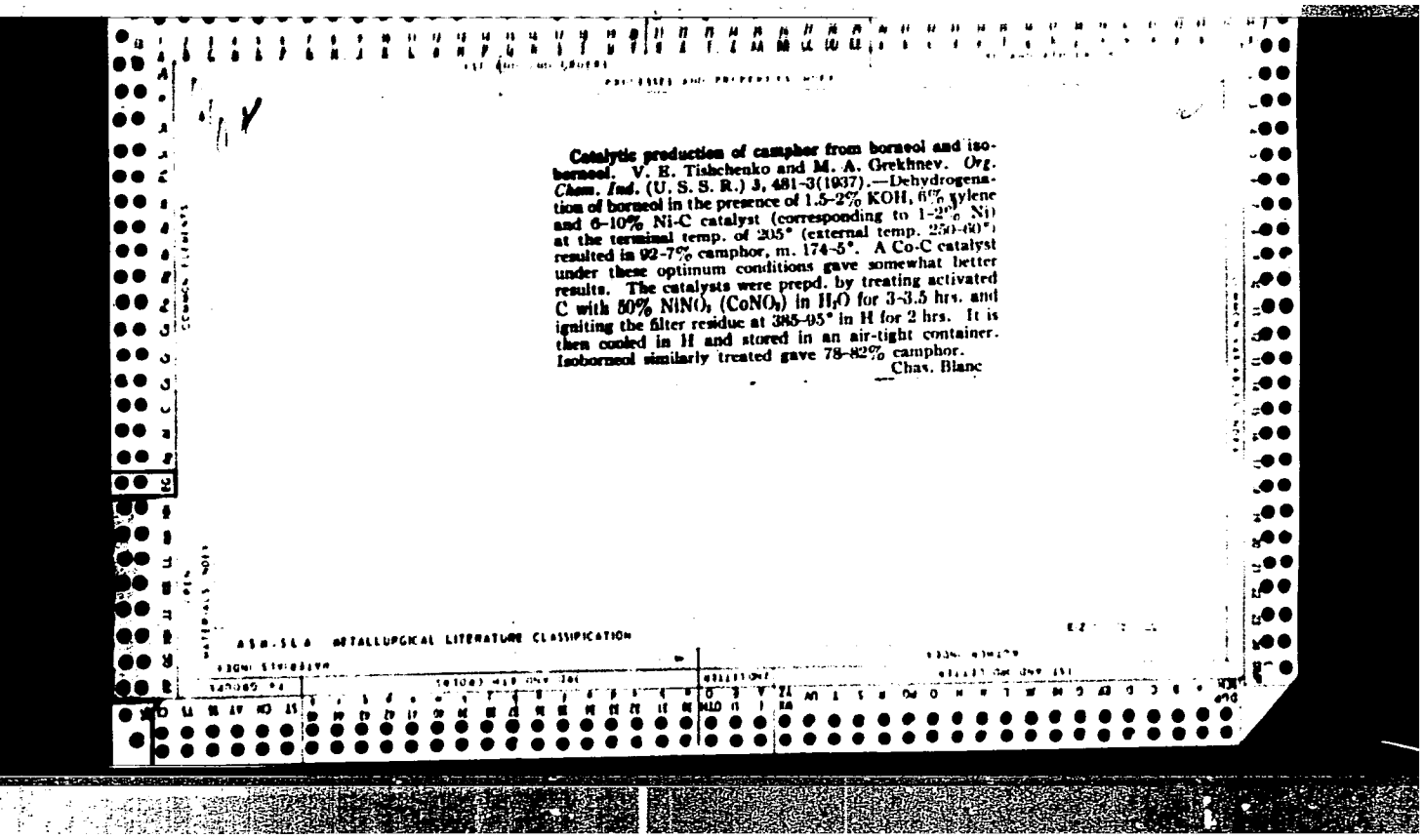
1. Bol'sheklyuchishchenskaya srednyaya shkola Ul'yanovskoy oblasti.

(Geography, Economic--Study and teaching)
(School excursions)



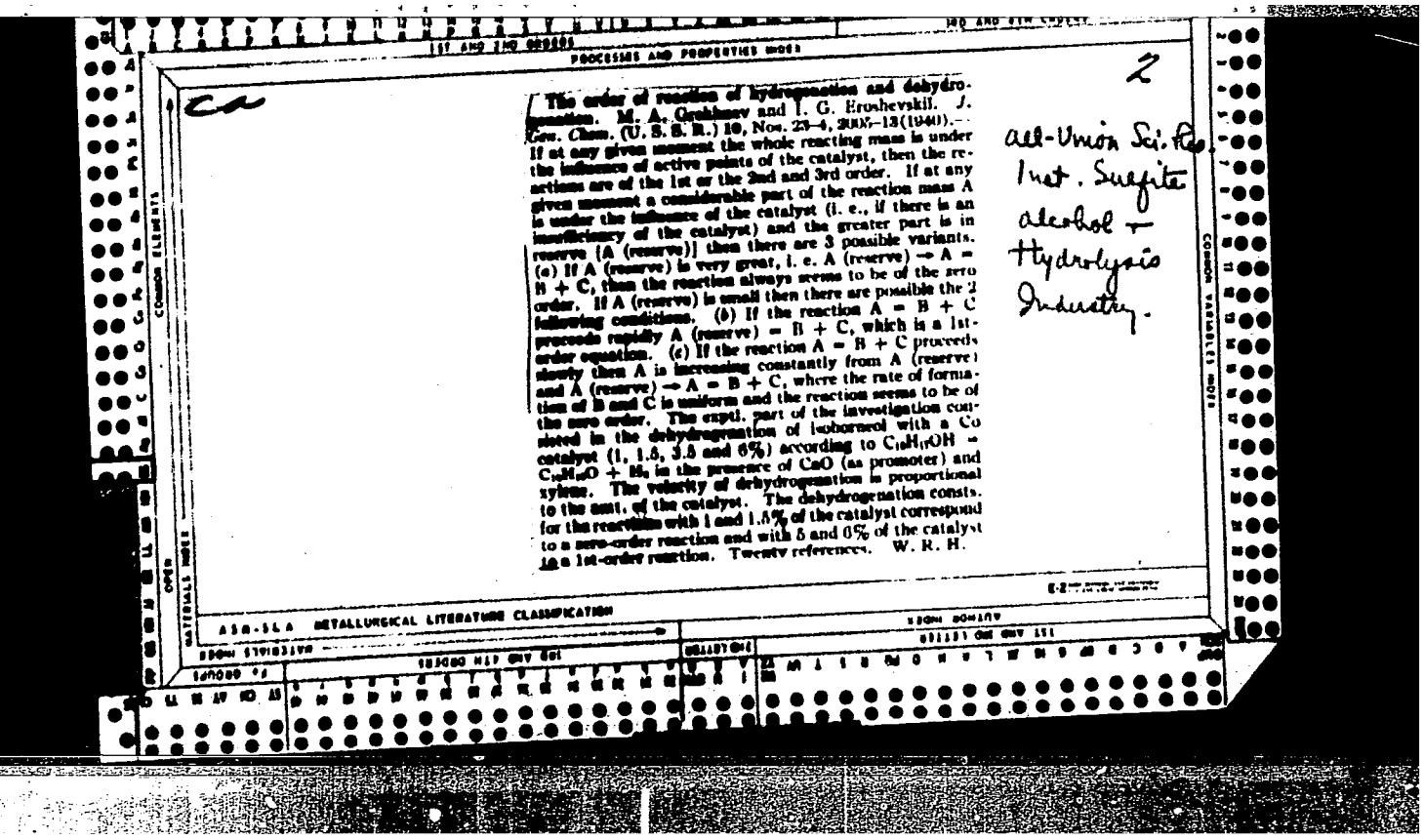
Determination of vapor pressure of isobornool. M. A. Orekhov. *Zashchita Rast.* No. 9, 11-12(1960). The Vanstone app. and barometric method (cf. C. A. 6, 1564) were used. The vapor pressures of isobornool at 78°, 101°, 103°, 138°, 150° and 183.4° were 21.8, 30.2, 48.1, 76.2, 140.1 and 328.6 mm. of Hg, resp. A. A. P.

A59-51A METALLURGICAL LITERATURE CLASSIFICATION



Catalytic production of camphor from borneol and isoborneol. V. E. Tishchenko and M. A. Grekhnev. *Org. Chem. Ind.* (U. S. S. R.) 3, 481–3(1937).—Dehydrogenation of borneol in the presence of 1.5–2% KOH, 6% xylene and 6–10% Ni-C catalyst (corresponding to 1–2% Ni) at the terminal temp. of 205° (external temp. 250–80°) resulted in 92–7% camphor, m. 174–5°. A Co-C catalyst under these optimum conditions gave somewhat better results. The catalysts were prepd. by treating activated C with 50% $NiNO_3$ ($CoNO_3$) in H_2O for 3–3.5 hrs. and igniting the filter residue at 385–95° in H for 2 hrs. It is then cooled in H and stored in an air-tight container. Isoborneol similarly treated gave 78–82% camphor.

Chas. Blanc



The order of reaction of hydrogenation and dehydrogenation. M. A. Grakhanov and I. G. Eroshevskii. J. Gen. Chem. (U. S. S. R.) 10, Nos. 23-4, 2087-13(1940).— If at any given moment the whole reacting mass is under the influence of active points of the catalyst, then the reactions are of the 1st or the 2nd and 3rd order. If at any given moment a considerable part of the reaction mass A is under the influence of the catalyst (i. e., if there is an insufficiency of the catalyst) and the greater part is in reserve [A (reserve)] then there are 3 possible variants. (a) If A (reserve) is very great, i. e. A (reserve) → A = B + C, then the reaction always seems to be of the zero order. If A (reserve) is small then there are possible the 2 following conditions. (b) If the reaction A = B + C proceeds rapidly A (reserve) = B + C, which is a 1st-order equation. (c) If the reaction A = B + C proceeds slowly then A is increasing constantly from A (reserve) and A (reserve) → A = B + C, where the rate of formation of B and C is uniform and the reaction seems to be of the zero order. The expti. part of the investigation consisted in the dehydrogenation of isobornrol with a Co catalyst (1, 1.5, 3.5 and 6%) according to $C_{10}H_{17}OH = C_{10}H_{16}O + H_2$ in the presence of CaO (as promoter) and xylene. The velocity of dehydrogenation is proportional to the amt. of the catalyst. The dehydrogenation consts. for the reactions with 1 and 1.5% of the catalyst correspond to a zero-order reaction and with 5 and 6% of the catalyst to a 1st-order reaction. Twenty references. W. R. H.

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All-Union Sci. Res. Inst. Sulfite alcohol + Hydrolysis Industry.

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

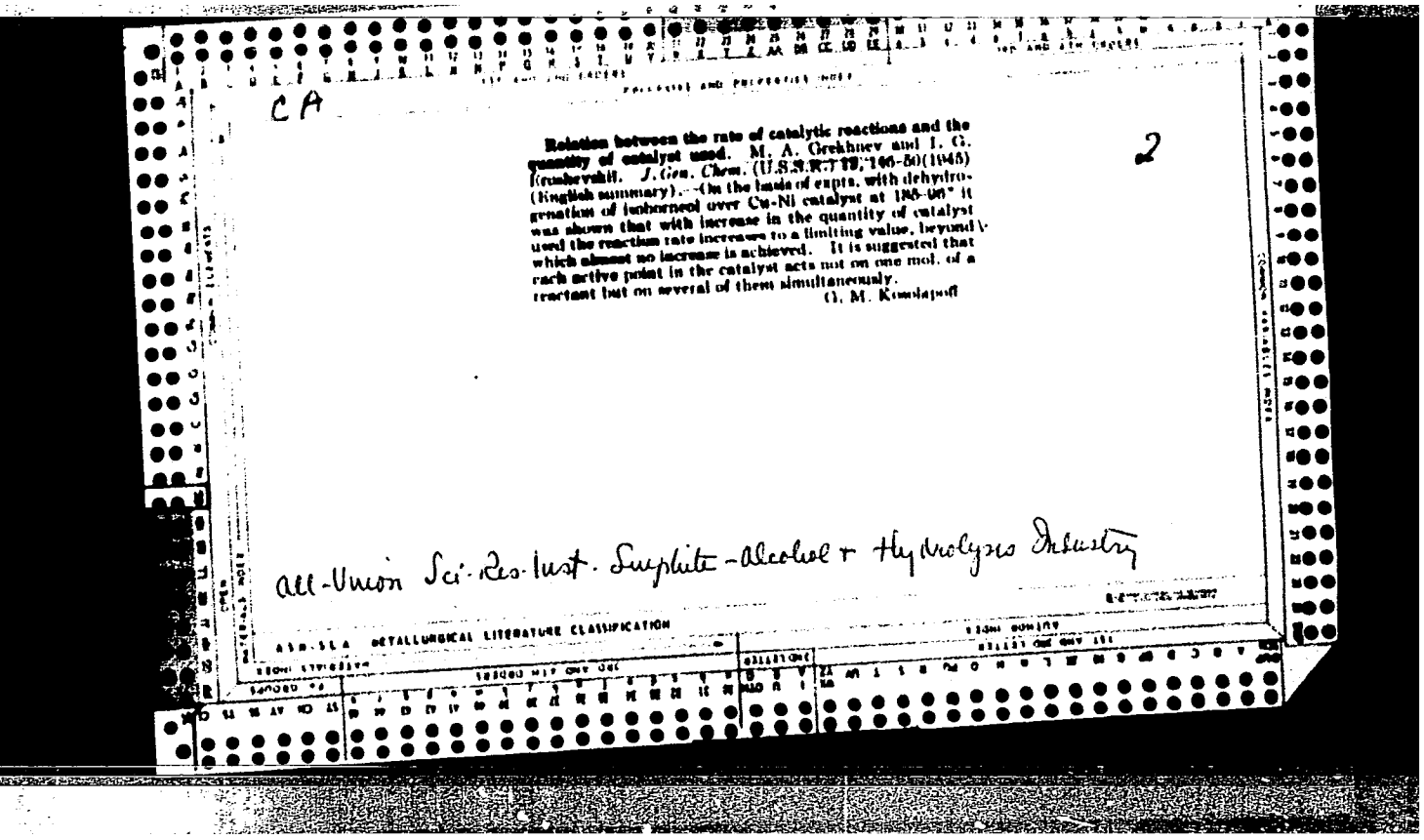
CA

18

Dehydrogenation of isoborneol by copper catalyst.
V. B. Tishchenko and M. A. Grekhnev. *J. Applied Chem.* (U.S.S.R.) 14, 880-83(1941); cf. *C.A.* 35, 3005.
In prepn. of Cu catalyst suitable for dehydrogenation of isoborneol, it is not necessary to reduce it in a H stream; ordinary heating at 300-400° is sufficient to produce an active catalyst. The activity of a given catalyst is greatly augmented by very small addns. of Na, K, and Ba.

G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



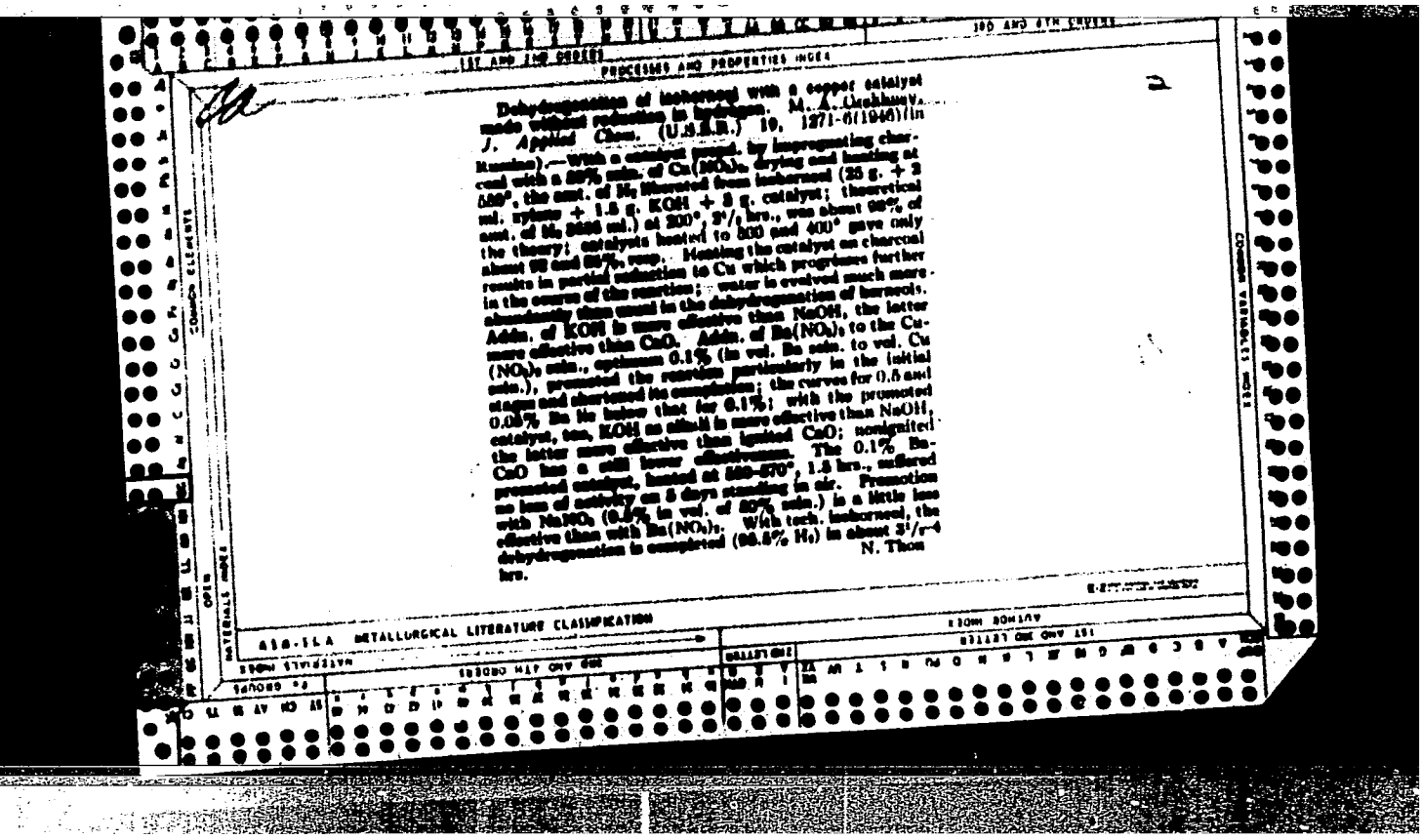
CA

2

Relation between the rate of catalytic reactions and the quantity of catalyst used. M. A. Grekhnev and I. G. Kuznetsovskii. *J. Gen. Chem.* (U.S.S.R.) 18, 166-80 (1948) (English summary).—On the basis of expts. with dehydrogenation of isoborneol over Cu-Ni catalyst at 185-90° it was shown that with increase in the quantity of catalyst used the reaction rate increases to a limiting value, beyond which almost no increase is achieved. It is suggested that each active point in the catalyst acts not on one mol. of a reactant but on several of them simultaneously.
G. M. Kondratieff

All-Union Sci. Res. Inst. Sulphite-Alcohol & Hydrolysis Industry

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



PROCESSES AND PROPERTIES INDEX

Dehydrogenation of isoheptanes with a copper catalyst made without reduction in hydrogen. M. T. Leshkov. J. Applied Chem. (U.S.S.R.) 19, 1271-6(1946)(in Russian).—With a catalyst prepd. by impregnating charcoal with a 20% soln. of $Cu(NO_3)_2$, drying and heating at 350°, the amt. of H_2 liberated from isoheptanol (25 g. + 2 ml. xylene + 1.5 g. KOH + 3 g. catalyst; theoretical amt. of H_2 3360 ml.) at 300°, 2½ hrs., was about 90% of the theory; catalysts heated to 300 and 400° gave only about 60 and 80% resp. Heating the catalyst on charcoal results in partial reduction to Cu which progresses further in the course of the reaction; water is evolved much more abundantly than usual in the dehydrogenation of heptanols. Addn. of KOH is more effective than NaOH, the latter more effective than CaO. Addn. of $Ba(NO_3)_2$ to the $Cu(NO_3)_2$ soln., optimum 0.1% (in vol. Ba soln. to vol. Cu soln.), promoted the reaction particularly in the initial stages and shortened its completion; the curves for 0.5 and 0.05% Ba lie below that for 0.1%; with the promoted catalyst, too, KOH is about is more effective than NaOH, the latter more effective than ignited CaO; nonignited CaO has a still lower effectiveness. The 0.1% Ba-promoted catalyst, heated at 350–370°, 1.5 hrs., suffered no loss of activity on 5 days standing in air. Promotion with $NaNO_3$ (0.5% in vol. of 20% soln.) is a little less effective than with $Ba(NO_3)_2$. With tech. isoheptanol, the dehydrogenation is completed (90.5% H_2) in about 3½–4 hrs. N. Thon

416-11A METALLURGICAL LITERATURE CLASSIFICATION