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SPESIVTSEVA, N.A., prof.; KURASOVA, V.V., aspirant

Defection of pathogenic fungi in animal tissues. Veterinariia 38 no.6:85-86 Je '61. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Mycosis)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURASZ, Stanislaw

Contribution to the problem of rhabdomyosarcoma. Pat. pol. 14 no.2:279-286 '63.

1. Z Zakladu Anatomii Patologicznej AM w Bialymstoku Kierownik: prof. dr med. L. Komczynski.
(RHABDOMYOSARCOMA) (BIOPSY)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KOMCZYNSKI, Ludwik; KURASZ, Stanislaw

Relation of arteriosclerosis to some chronic diseases, statistical studies. Pat. pol. 13 no.3:305-315 '62.

1. Z Zakladu Anatomii Patologicznej AM w Bialymstoku. Kierownik: prof. dr med. L. Komczynski.
(ARTERIOSCLEROSIS) (CHRONIC DISEASE)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KOMCZYNSKI, Ludwik; KURASZ, Stanislaw

Relation to arteriosclerosis to the age and sex according to autopsy data of the Institute of Pathological Anatomy of the Academy of Medicine in Bialystok collected during the period of 1952-1959. Pat. pol. 13 no.3:317-324 '62.

1. Z Zakladu Anatomii Patologicznej AM w Bialymstoku.Kierownik: prof. dr med. L. Komczynski.

(ARTERIOSCLEROSIS)

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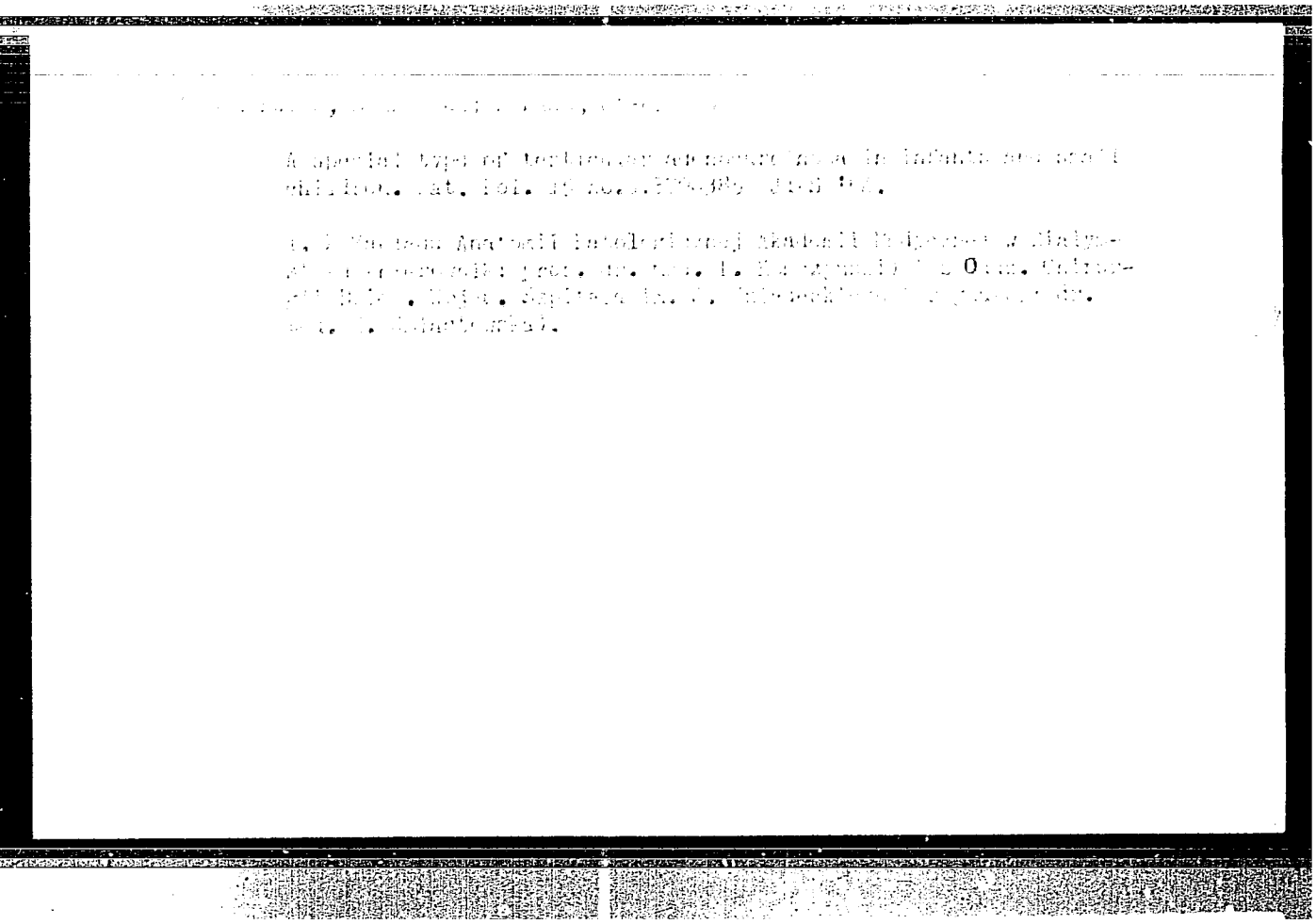

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NOWAK, Henryk Fr.; KURASZ, Stanisław

On granulocytes and histiocytes in the microscopic picture of embryonic rhabdomyosarcoma. Pat. Pol. 15 no.2:269-274 A-J, '64

1. Z Zakladu Anatomii Patologicznej Akademii Medycznej w Bialymstoku (Kierownik: prof. dr. med. L. Komczynski).

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JODCZYK, Jerzy; KURASZ, Stanislaw

A case of amniogenic developmental defects in the facial and skull region. Pol. tyg. lek. 19 no.52:2015-2016 28 D'64.

1. Z Zakladu Anatomii Patologicznej Akademii Medycznej w Bialymstoku (kierownik: prof. dr. med. L. Komczynski).

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BUDZYNSKI, Zdzislaw, inz.; KURASZKIEWICZ, Edmund, inz.

Electric cooking plate with the heating cable moulded in ceramic mass. Przegl elektrotechn 37 no.12:511 '61.

(Stoves—Electric)

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SAWLEWICZ, Ludwika; KURASZKIEWICZ, Waleria

On the effect of chloroacetic acid on benzimidazolone and some of its derivatives. Acta Pol. pharm. 20 no.6:413-417 '63.

1. Z Katedry Chemii Organicznej Wydzialu Farmaceutycznego Akademii Medycznej w Gdansku (Kierownik prof. dr. J. Sawlewicz).

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KURATOR, Teodor, ins.

Notes on the standardization of diagram papers for measuring instruments. Normalizacja 29 no.9:415-416 '61.

(Poland—Paper)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURATOV, A. I.

Motors

Running and testing internal-combustion engines at low speed. MTS 12 no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURATOV, Aleksey Ivanovich; PICHAK, F.I., kandidat tekhnicheskikh nauk, redaktor; POLKANOV, I.P., kandidat tekhnicheskikh nauk, retsenzent; DUGINA, N.A., tekhnicheskiy redaktor.

[Running in and testing automobile and tractor engines after repair] Obkatka i izpytanie avtotraktornykh dvigatelei posle remonta. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1956. 55 p. (MLRA 10:6)
(Tractors--Engines--Testing)
(Automobiles--Engines--Testing)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7"

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KURATOV, A.I.

Improving the running-in and testing of tractor engines. Nauch. trudy Inst. mash.i sel'khoz.mekh.AN URSR 6:125-128 '58. (MIRA 13:4)

(Tractors--Engines--Testing)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURATOV, Aleksey Ivanovich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; SOBOLEV, L.A., inzh., red.

[Running-in and testing of motor-vehicle engines after repair] Obkatka i ispytanie avtotraktornykh dvigatelei posle remonta. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 75 p. (MIRA 13:5)
(Motor-vehicles--Engines--Maintenance and repair)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

ACC NR: AP6010026 SOURCE CODE: UR/0119/66/000/003/0017/0018

AUTHOR: Iyeroklis, A. A. (Engineer); Kuratov, G. S. (Engineer)

27
B

ORG: none

TITLE: Ladder network transistorized time relays 25

SOURCE: Priborostroyeniye, no. 3, 1965, 17-18

TOPIC TAGS: time relay, electronic device, circuit design, transistorized device

ABSTRACT: The paper describes the design and operating principles of a multi-ladder transistorized time relay which makes possible a simple construction of any number of control ladder circuits with mutually independent consecutive time delays. The circuit designed can be regulated during its actual operation, and it allows continuous correction of the time delays as a function of any variable parameter. The transistors work within this circuit over brief operating times only, and thus their heating-up does not substantially affect the operation of the entire unit. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: ~~00/~~ none ORIG REF: 000/ OTH REF: 000

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

1. KURATOV, M. M.

2. USSR (600)

4. Moscow - Facades

7. Better supervision of the condition of facades. Gor khoz Mosk. No 11 1947

9. Monthly List of Russian Accessions, Library of Congress, in April 1953, Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

C/117/60/000/012/017/028
A004/A001

AUTHORS: Aleksandrov, V. V., Kuratov, P. R.

TITLE: Press-Mold Parts of Cast Iron With Spheroidal Graphite

PERIODICAL: Mashinostroitel', 1960, No. 12, p. 37

TEXT: The authors point out that foreign firms have been using successfully cast iron with spheroidal graphite instead of high-alloyed steel for the manufacture of press-mold parts for die-casting operations. In order to investigate this process the authors produced a test lot of bars, 70 mm in diameter and 250 mm high, made of cast iron with spheroidal graphite with the following composition: 2.66% - C; 3.15% - Si; 0.21% - Mn; 0.02% - S; 0.026% - P; 0.27% - Ni; 0.15% - Mg. The charge was calculated on the base of the B4-40-10 (VCh-40-10) cast iron smelted in the "Ayaks" electric-arc furnace. At a temperature of 1,400°C magnesium was added to the molten cast iron in the form of a silicon-magnesium alloy containing 10% magnesium. The melt was poured into sand molds at 1,380°C. To obtain cast iron of the ferrite class, the cast bars were subjected to the following heat treatment: loading into the furnace preheated to 700°C, temperature increase up to 920-930°C, 3-4 hours holding, temperature reduction to 720-730°C, 4-5 hours holding,

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Press-Mold Parts of Cast Iron With Spheroidal Graphite

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A004/A001

further decrease in temperature to 600°C and cooling of the blanks in the air. After heat treatment the cast iron possessed the following mechanical properties: tensile strength limit 47.5 - 47.2 kg/cm^2; relative elongation 18.8 - 16.0%; toughness 2.84 - 2.96 kgm/cm^2; hardness HB 156-148. The microstructure of the magnesium-modified cast iron consists of the ferrite base and graphite of spheroidal shape. A test lot of foundry gate bushes made of this cast iron with spheroidal graphite was manufactured. These bushes, formerly made of the 3Kh2V8 (3Kh2V8) grade steel, had an inner diameter of 15-22 mm. Their working surface finish corresponded to ∇6 = ∇7. The bushes were placed in press-molds for the die casting on the "Polak 900" and "512" machines. The molds were filled with the AL10B (AL10V) aluminum alloy at temperatures of 580 - 600°C and the AL2 (AL2) alloy at temperatures of 650 - 680°C. The press-molds were lubricated with the "Vapor" cylinder oil (ГОСТ-GOST-6411-52). The test casts showed that press-mold parts of cast iron with spheroidal graphite can fully replace high-alloy steel parts. The castings were easily shaken from the mold and the bushes withstood approximately 15,000 castings. In comparison with press-mold parts of scarce high-alloyed steels the cast-iron parts are by 8-10 times cheaper. There are 2 figures.

Card 2/2

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PHASE I BOOK EXPLOITATION SOV/5648

Sokolov, Aleksey Nikolayevich, ed.

Mekhanizatsiya i peredovaya tekhnologiya liteynogo proizvodstva (Mechanization and Advanced Processing in Foundries) [Leningrad] Lenizdat, 1961. 236 p. 2,000 copies printed.

Ed.: Ye. V. Yemel'yanova; Tech. Ed.: I. M. Tikhonova.

PURPOSE: This collection of articles is intended for technical personnel, foremen, and skilled workmen of foundries. It may also be of use to staff members engaged in the mechanization of production operations.

COVERAGE: The collection contains articles discussing the experience of a number of Leningrad plants and engineering and design organizations in mechanizing foundry processes and in applying advanced techniques to the manufacture of castings. No personalities are mentioned. Some

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articles are accompanied by references. References are all Soviet.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

Mechanization and Advanced (Cont.) SOV/5648

Kononov, M. N. Patterns With an Epoxy-Resin Base 229

AVAILABLE: Library of Congress (TS233. S55)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURATOV, Pavel Rudol'fovich, inzh.; LEBEDEV, K.P., red.

[Production of thin-walled castings by the method of directed consecutive crystallization] Izgotovlenie tonkostennogo lit'ia metodom napravlenno-posledovatel'noi kristallizatsii. Leningrad, 1963. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no.5)
(MIRA 17:4)

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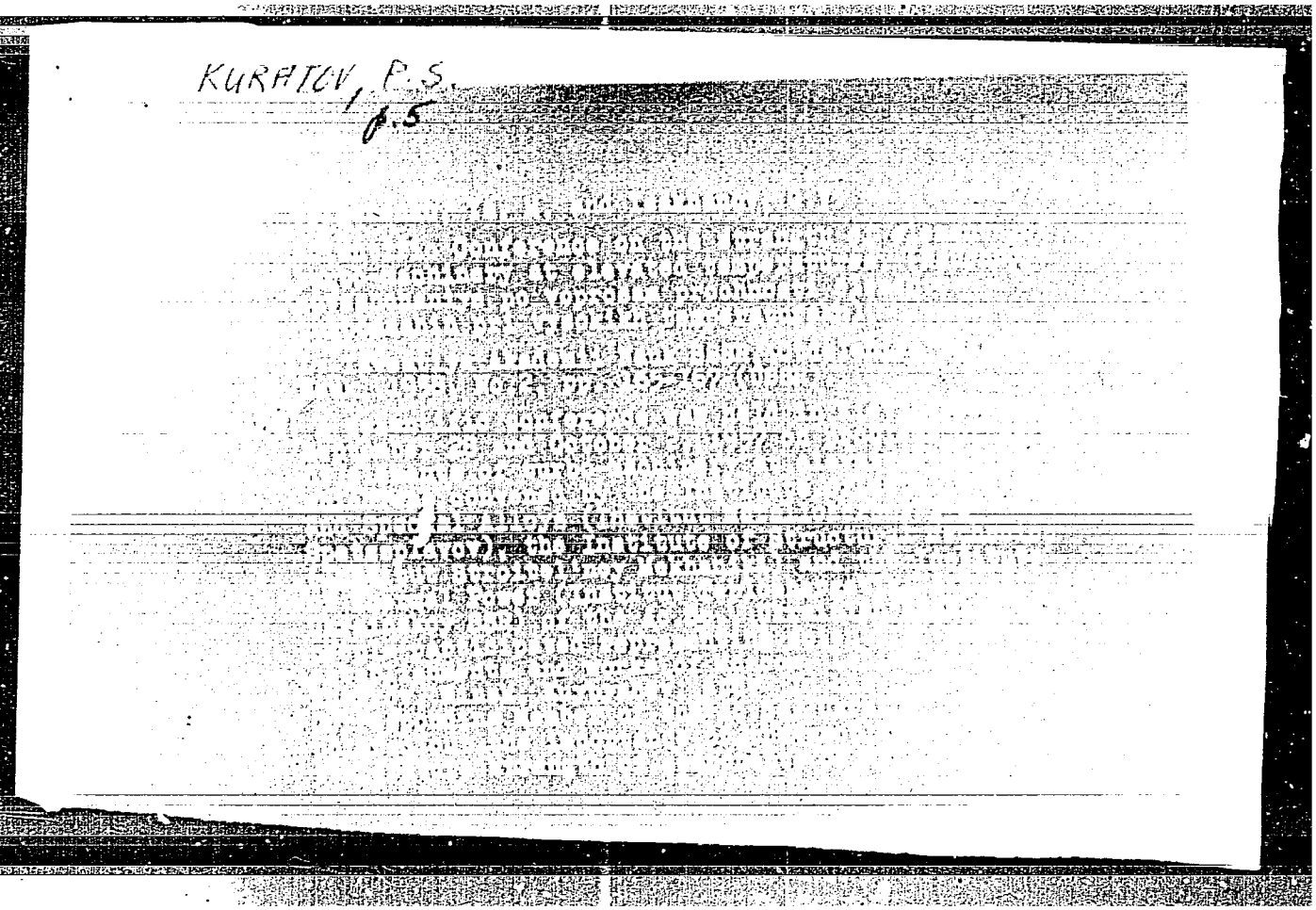

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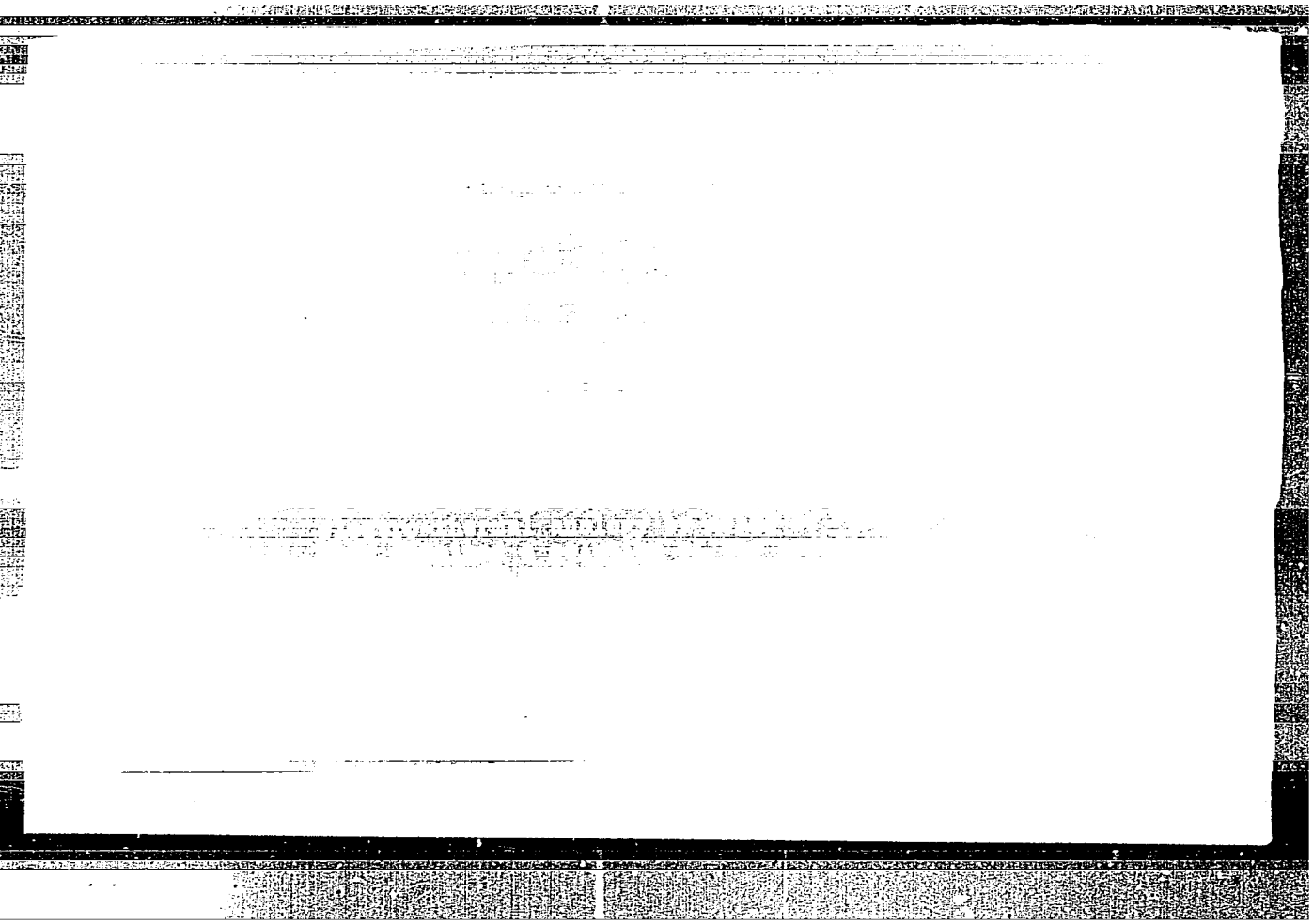

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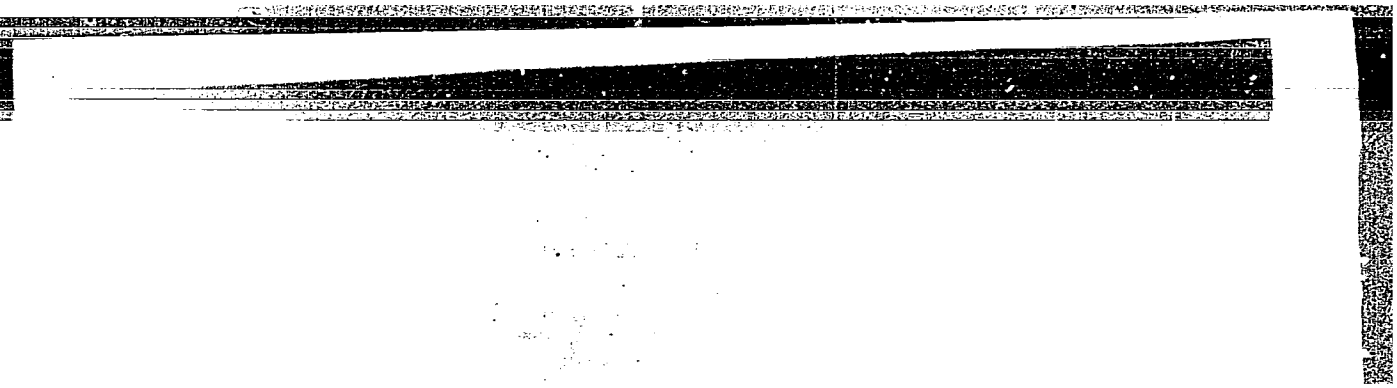

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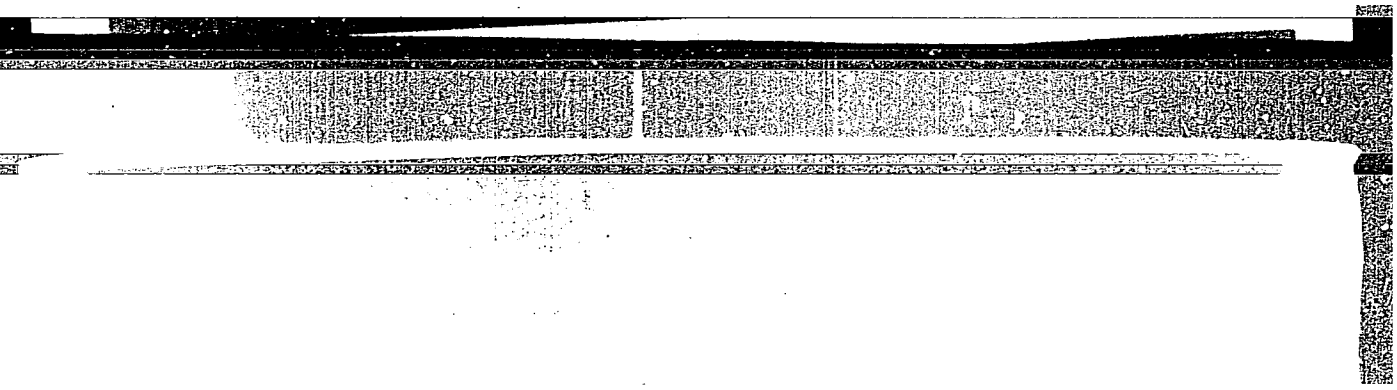

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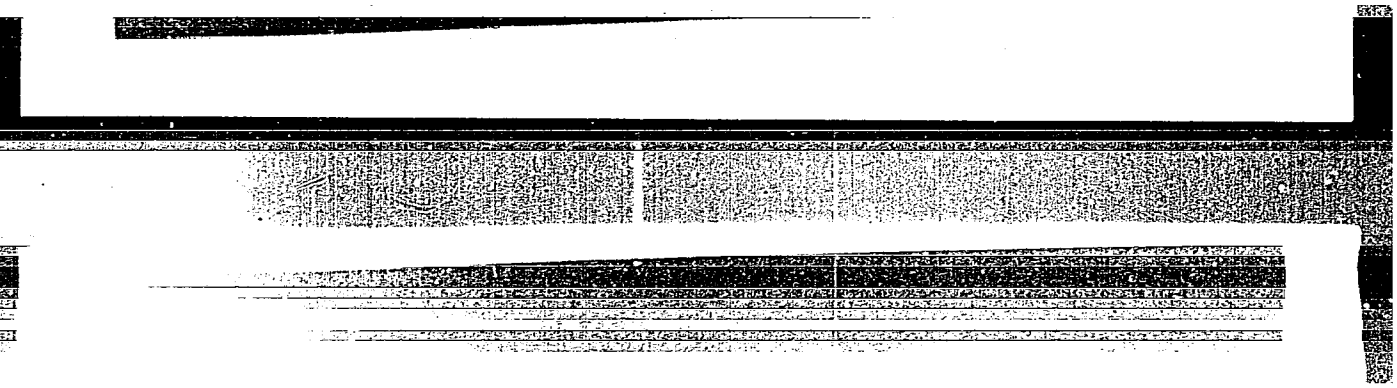

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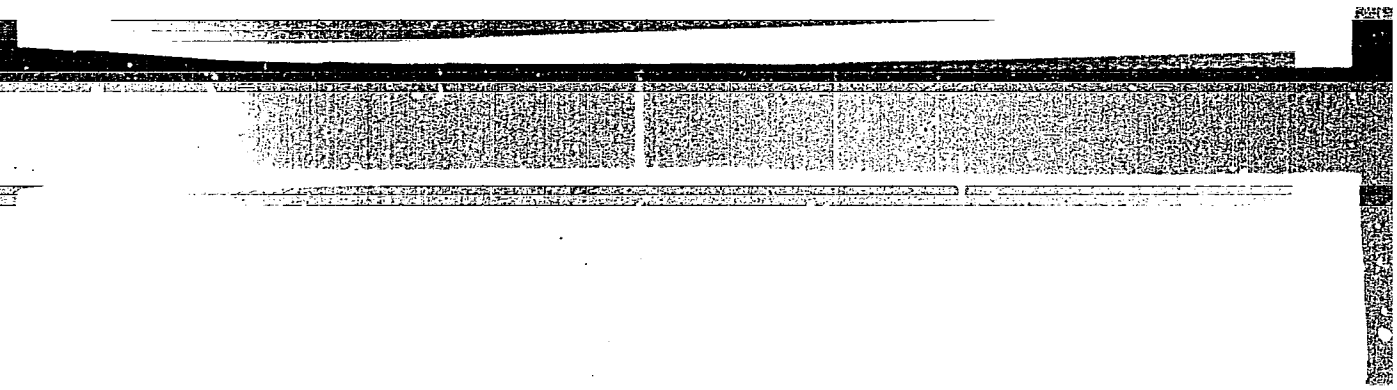

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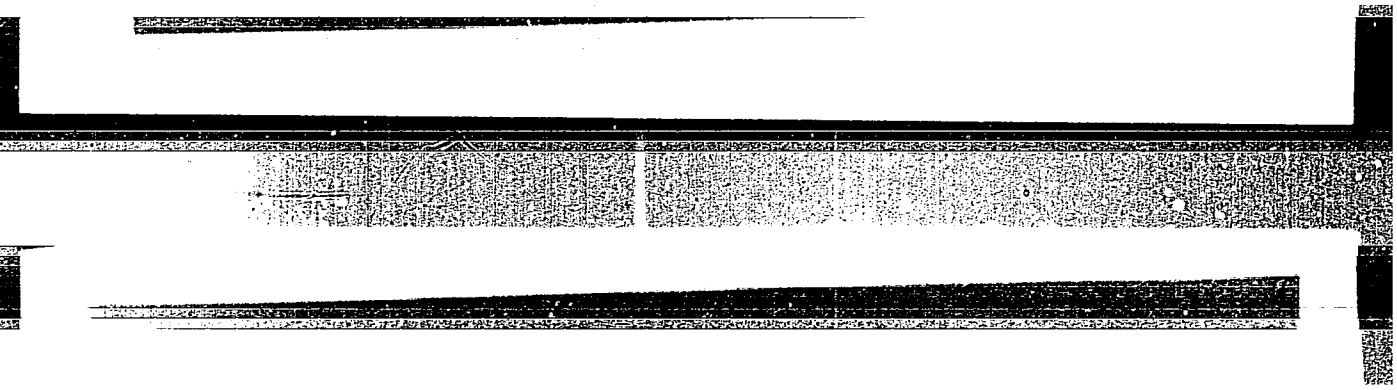

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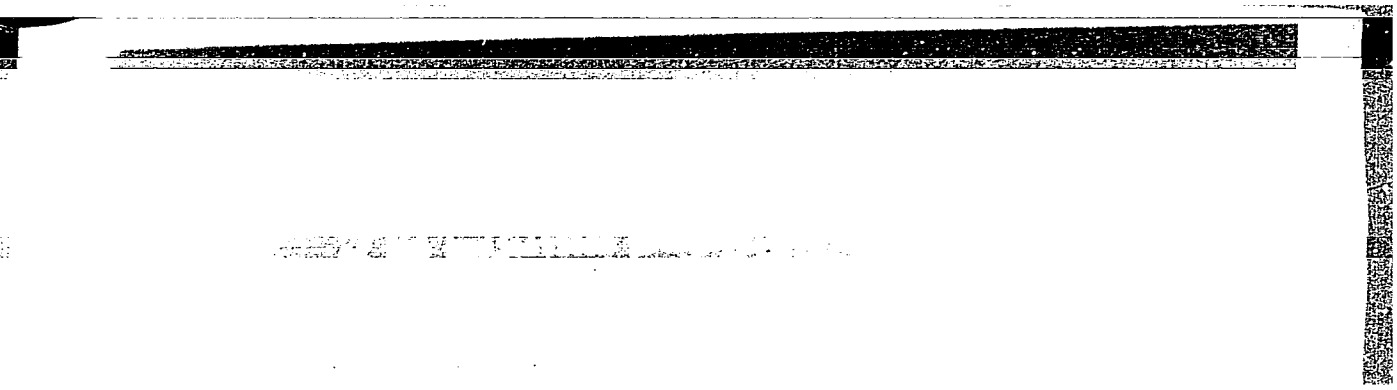

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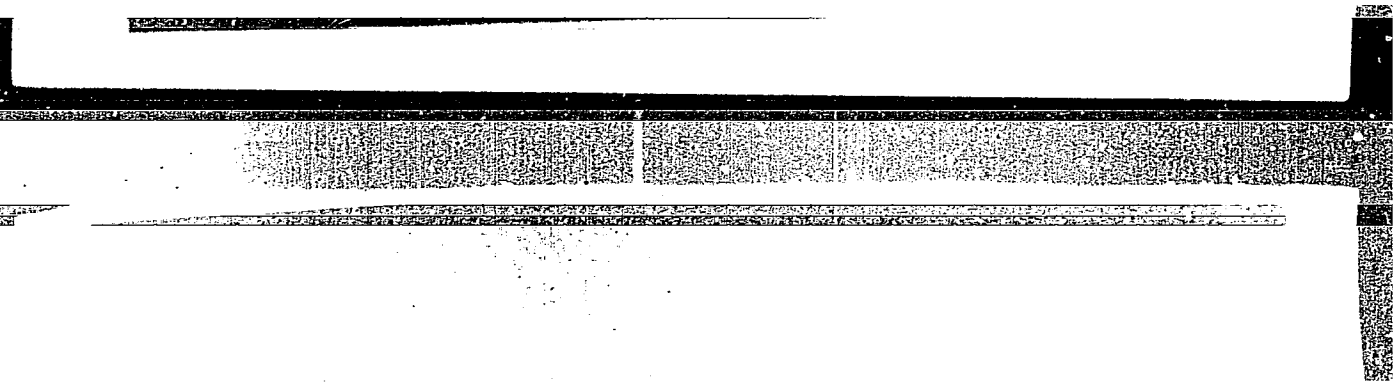

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KURATOV, P.S., kand.tekhn.nauk; FOMIN, V.L.

Continuous creep of unevenly heated discs. Energomashinostroenie 9 no.8:20-21 Ag '63. (MIRA 16:8)
(Heat--Transmission)

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77992
SOV/40-24-1-20/28

AUTHORS: Kuratov, P. S., Rozenblyum, V. I. (Leningrad)

TITLE: Integration of the Unsteady Creep Equations for Solids

PERIODICAL: Prikladnaya matematika i mekhanika, 1960, Vol 24, Nr 1, pp 146-148 (USSR)

ABSTRACT: The authors present an approximate method using finite increments for integrating the unsteady creep equations. They consider a material occupying some volume; on a part of its surface a load is given and on the remaining part, the components of the velocity vector are assigned. The elastic stressed state for t = 0 is regarded as known, and the surface and volume stress components are assumed to be time-dependent. The equilibrium equations and assigned surface load are first differentiated with respect to time. The resulting equations, the formulas for the strain rates in terms of the velocity components, and the creep stress-strain relations of L. M. Kachanov (Certain Questions in the

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Theory of Creep, GTTI, 1949) then form the starting point. The time interval is divided into a number of small segments (not necessarily equal). The time derivatives are then replaced by finite increments at the points of subdivision, e.g., $\partial \sigma_x / \partial t \Big|_{t = t_1} = \Delta_1 \sigma_x / \Delta t$. For a strain rate and velocity component, the notations $\Delta \xi_x = \dot{\xi}_x \Big|_{t = t_1} \Delta t$ and $\Delta ux = v_x \Big|_{t = t_1} \Delta t$ are introduced. This leads to a certain system of linear equations for determining the stress and strain increments (which is analogous to the problem of thermoelasticity), the solution of which is described. In particular, for an equilibrium stressed state (stress relaxation in a rod), the calculation process reduces to Euler's method. The authors note that a solution can be constructed if a suitable Green's function for the thermoelastic problem can be found. The authors also show how the process can be

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Integration of the Unsteady Creep Equations for Solids

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generalized to the case of plastic deformations. There are 3 Soviet references.

SUBMITTED: May 18, 1959

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

BUDYKA, Ivan Nikolayevich; KURATOV, P.S., kand. tekhn. nauk, retsenzent; MATARCHUK, G.A., red. izd-va; BARDINA, A.A., tekhn. red.

[Design of steam turbine disks] Raschet diskov parovykh turbin. Izd.2., dop. i perer. Moskva, Mashgiz, 1962. 254 p. (MIRA 15:7)

(Disks, Rotating)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURATOV, P.S., kand. tekhn. nauk, dotsent; ROZENBLYUM, V.I., kand. tekhn. nauk

Concerning the book "Strength of steam turbine components" by L.A. Shubenko-Shubina and others. Reviewed by P.S. Kuratov V.I. Rozenblium. Energomashinostroenie 10 no.8:44-45 Ag '64. (MIRA 17:11)

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KURATOV, T.

(6)

1105. THERMAL MEASUREMENTS IN METALLURGICAL PLANTS, Kuratov, T. (Hutnik (Smelter, Warsaw), Oct. 1953, vol. 20, 207-211). Present methods of temperature measurement in the iron and steel industry are illustrated by examples of the instrumentation for a battery of gas producers and reheating furnaces. I.S.I.

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9(6)

SOV/112-59-3-5317

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 146 (USSR)

AUTHOR: Kuratov, V. M.

TITLE: Electron Meter of Aggressive Liquids
(Elektronnyy schetchik agressivnykh zhidkostey)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 16, pp 26-29

ABSTRACT: A vinyl-plastic vane carries a small steel insert while a permanent magnet carrying a coil on one of its pole pieces is mounted on the outside of its (vinyl-plastic) housing. As the vane rotates, the steel insert passes under the pole pieces. Each passage induces a pulse in the coil. The number of pulses is proportional to the number of vane revolutions and, consequently, to the quantity of the flowing liquid. The pulses are applied to an electron amplifier and further to an electromagnetic counter or integrator; the latter's contacts control an electric actuator which opens and shuts the pipeline valve. Two varieties of the primary detector, the electron amplifier, the summating counter and the integrator are described. Five illustrations.

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Karapet'yants M.Kh.

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PHASE I BOOK EXPLOITATION SOV/6260

Gurvich, Lev Veniaminovich, Georgiy Akopovich Khachkuruzov, Vadim Andreyevich Medvedev, Inessa Veniaminovna Veyts, Georgiy Andreyevich Bergman, Vladimir Stepanovich Yungman, Nina Petrovna Rtishcheva, Lidiya Fedorovna Kuratova, Georgiy Nikolayevich Yurkov, Amaliya Abramovna Kane, Boris Fedorovich Yudin, Boris Isidorovich Braunshteyn, Viktor Feodoseyevich Baybuz, Valeriy Aleksandrovich Kvlividze, Yevgeniy Aleksandrovich Prozorovskiy, and Boris Aleksandrovich Vorob'yev.

Termodinamicheskiye svoystva individual'nykh veshchestv; spravochnik v dvukh tomakh. tom 1: Vychisleniye termodinamicheskikh svoystv; tom 2: Tablitsy termodinamicheskikh svoystv (Thermodynamic Properties of Individual Substances; Reference Book in Two Volumes, v. 1: Calculation of Thermodynamic Properties; v. 2: Tables of Thermodynamic Properties). 2d ed., rev. and enl. Moscow, Izd-vo AN SSSR, 1962. 1161 and 916 p. 4000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut goryuchikh iskopayemykh; and Gosudarstvennyy komitet Soveta Ministrov SSSR

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po khimii. Institut prikladnoy khimii.

Resp. Ed.: V. P. Glushko, Academician, L. V. Gurvich, G. A. Khachkuruzov, I. V. Veyts, and V. A. Medvedev; Ed. of Publishing House: K. P. Gurov; Tech. Ed.: V. G. Laut.

PURPOSE: This reference book may be used in scientific-research and experimental-design work in institutes, design offices, and schools of higher education, as well as for training specialists in chemical thermodynamics and thermal physics.

COVERAGE: Volume 1 of this work deals with methods for calculating thermodynamic properties and with the selection of constants required for the calculations. Volume 2 contains tables of thermodynamic properties (reduced thermodynamic potential, entropy, enthalpy, and the logarithm of the dissociation or ionization constants of equilibrium) compiled, where data were lacking, on the basis of published and unpublished material from a number of Soviet research institutes. Thermodynamic properties for the ideal gas

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Thermodynamic Properties (Cont.) SOV/6260

state are presented in table form for 335 gases, 44 liquids, and 45 solids compounded from 33 chemical elements and their isotopes, viz.: H, D, T, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Br, Kr, Rb, Sr, Zr, I, Xe, Cs, Ba, Hg, and Pb. Thermodynamic properties are given for the following 20 gases in the range from room temperature to 20,000°K: H, H^+, H^-, O, O^+, H_2, O_2, O_3, OH, OH^+, H_2O, N, N^+, N_2, N_2^+, NO, NO^+, C, C^+, CO, CO^+, and e^-; for the 14 least stable gases up to 4000°K; and for the remaining 299 gases up to 6000°K. Virial coefficients for 34 gases are also given up to 6000°K.

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Gurvich, Lev Veniaminovich, Georgiy Akopovich Khachkuruzov, Vadim Andreyevich Medvedev, Inessa Veniaminovna Veyts, Georgiy Andreyevich Bergman, Vladimir Stepanovich Yungman, Nina Petrovna Rtishcheva, Lidiya Fedorovna Kuratova, Georgiy Nikolayevich Yurkov, Amaliya Abramovna Kane, Boris Fedorovich Yudin, Boris Isidorovich Brounshteyn, Viktor Feodoseyevich Baybuz, Valeriy Aleksandrovich Kvlividze, Yevgeniy Aleksandrovich Prozorovskiy, and Boris Aleksandrovich Vorob'yev.

Termodinamicheskiye svoystva individual'nykh veshchestv; spravochnik v dvukh tomakh. tom 1: Vychisleniye termodinamicheskikh svoystv; tom 2: Tablitsy termodinamicheskikh svoystv (Thermodynamic Properties of Individual Substances; Reference Book in Two Volumes. v. 1: Calculation of Thermodynamic Properties; v. 2: Tables of Thermodynamic Properties). 2d ed., rev. and enl. Moscow, Izd-vo AN SSSR, 1962. 1161 and 916 p. 4000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut goryuchikh iskopayemykh; and Gosudarstvennyy komitet Soveta Ministrov SSSR

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Thermodynamic Properties (Cont.) SOV/6260

po khimii. Institut prikladnoy khimii.

Resp. Ed.: V. P. Glushko, Academician, L. V. Gurvich, G. A. Khachkuruzov, I. V. Veyts, and V. A. Medvedev; Ed. of Publishing House: K. P. Gurov; Tech. Ed.: V. G. Laut.

PURPOSE: This reference book may be used in scientific-research and experimental-design work in institutes, design offices, and schools of higher education, as well as for training specialists in chemical thermodynamics and thermal physics.

COVERAGE: Volume 1 of this work deals with methods for calculating thermodynamic properties and with the selection of constants required for the calculations. Volume 2 contains tables of thermodynamic properties (reduced thermodynamic potential, entropy, enthalpy, and the logarithm of the dissociation or ionization constants of equilibrium) compiled where data were lacking, on the basis of published and unpublished material from a number of Soviet research institutes. Thermodynamic properties for the ideal gas

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Thermodynamic Properties (Cont.) SOV/6260

state are presented in table form for 335 gases, 44 liquids, and 45 solids compounded from 33 chemical elements and their isotopes, viz.: H, D, T, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Br, Kr, Rb, Sr, Zr, I, Xe, Cs, Ba, Hg, and Pb. Thermodynamic properties are given for the following 22 gases in the range from room temperature to 20,000°K: H, H^+, H^-, O, O^+, H_2, O_2^+, O_2, OH, OH^+, H_2O, N, N^+, N_2, N_2^+, NO, NO^+, C, C^+, CO, CO^+, and e^-; for the 14 least stable gases up to 4000°K; and for the remaining 299 gases up to 6000°K. Virial coefficients for 34 gases are also given up to 6000°K.

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PART I. METHODS OF CALCULATING THE THERMODYNAMIC PROPERTIES OF INDIVIDUAL SUBSTANCES

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POTEKUSHIN, N.V.; KURATOVA, L.P.; RIGER, M.M.; BAKULIN, S.B.

"Handbook on the manufacture of sheet metal working dies" by V.M.Anikin, IU.S.Lukashin. Reviewed by N.V.Potekushin and others. Kuz.-shtam.proizv. 4 no.2:45-47 F '62. (MIRA 15:2)
(Dies (Metalworking)) (Sheet-metal work)
(Anikin, V.M.) (Lukashin, IU.S.)

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SKARRE, O.K.; TERESHKEVICH, M.C.; KURATOVA, T.S.; LARCHENKO, L.N.

Effect of the nature of cation on the mobility of oxygen atoms in anion in aqueous solutions. Part 3. Zhur. fiz. khim. 37 no.4:879-881 Ap '63. (MIRA 17:7)

1. Dnepropetrovskiy gosudarstvennyy universitet.

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SKARRE, O.K.; TERESHKEVICH, M.O.; KURATOVA, T.S.

Effect of the nature of cation on the mobility of oxygen atoms in an anion in aqueous solutions. Part 4. Zhur. fiz. khim. 37 no.5:1132-1134 My '63. (MIRA 17:1)

1. Dnepropetrovskiy gosudarstvennyy universitet.

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[illegible], T.S.; [illegible]

Lability of oxygen atoms of [illegible] in mixed [illegible].
Zhur. fiz. khim. 36 no.[illegible] [illegible]
([illegible])

1. Dnepropetrovskiy gosudarstvennyy universitet.

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KURATOVA, T.S.; TERESHKEVICH, M.O.; GOL'TEUZEN, E.E.; POZHIDAYEVA, E.Yu.; SKARRE, O.K.

Oxygen atomic mobility in certain anions and mixed solvents. Sodium and potassium bromates. Zhur.fiz.khim. 39 no.10:2365-2369 O '65. (MIRA 18:12)

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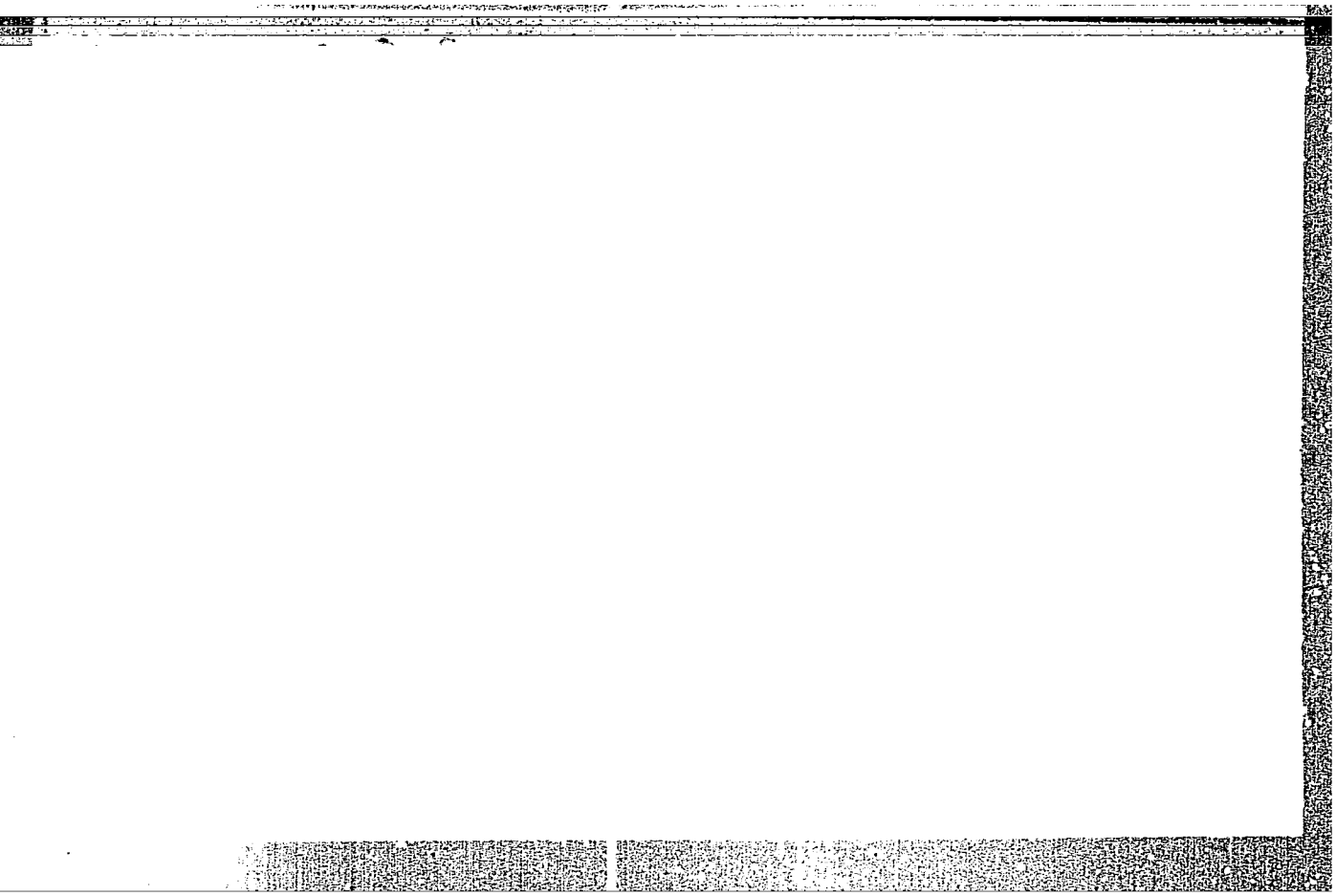

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TYURIN, Yu.M.; VESELOVA, M.V.; KURATOVA, V.A.; KOVSMAN, Ye.P.; BELOUS, A.P.

Electrolysis of monomethyl ester of adipic acid in methanol solution. Zhur.prikl.khim. 35 no.5:1082-1092 My '62. (MIRA 15:5)

1. Lisichanskiy filial Gosudarstvennogo instituta azotnoy promyshlennosti.
(Adipic acid) (Electrolysis)

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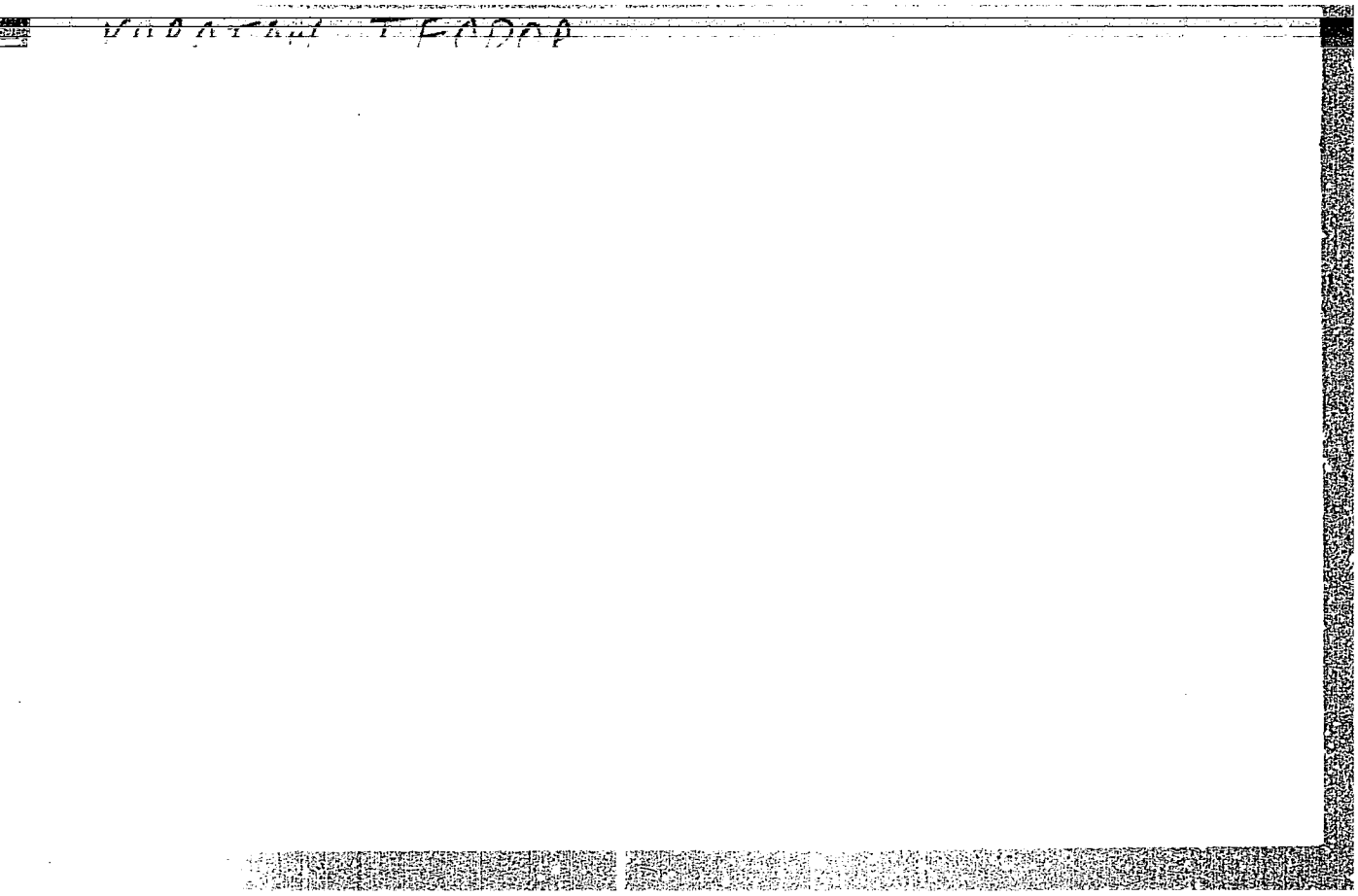

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KURATOW, Teodor, mgr inz.

Methods of forecasting gas demand in the Polish iron metallurgy. Gosp paliw 12 no. 5: 160-162 My '64.

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Kuratow T. **Heat Control in Metallurgical Plants.**

„Pomiary cieplne urzadzeń hutniczych" Hutnik No. 10, 1953, pp. 207—211, 7 figs.

Demonstration of the necessity of heat control in metallurgical plants. Example of a control system: quantity of air promoted by ventilating fans, total quantity of vapour, pressure in the ventilating duct, pressure of the air-vapour mixture, pressure of the outgoing producer gas, temperature of the outgoing producer gas in the central gas producer plant without retort for cold gas. Description of the design and delineations of advantages of a measurement and control unit of a new type for reheating furnaces giving a plastic picture of measurements and flow. Measurement and control panel for a blast furnace and a high pressure gas reduction station. Summary calculation of returns of capital investment in measuring and control apparatus for a reheating furnace operating on a coke gas fuel. Even a large control unit pays for itself in less than a year's time.

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KURATOW, T.

"Measuring Gas In Industry" p. 283. (Gaz, Woda I Technika Sanitarna, Vol. 27, no. 10, Oct. 1953, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February, 1954 1953, Uncl.

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KURATOW, Teodor, mgr inz.; SLUPIANEK, Edmund, mgr inz.

Gas generator management in Poland. Gosp paliw 13 no.2:47-50 F '65.

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KURATOWSKA, Z.

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"Influence of Certain Inhibitors of Tissue Metabolism on Functional Currents of Skeletal Muscles." p. 321 (Acta Physiologica Polonica. Vol, 4, no. 4, 1953 Warszawa.)

SO: Monthly List of East European Accessions./Library of Congress, June, 1954, Uncl. Vol. 3, no. 6

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KURATOWSKA-LEWARTOWSKA, Zofia

Problems of humoral regulation of hemopoiesis. Polskie arch. med. wewn. 27 no.9:1265-1278 1957.

1. Z oddzialu Chorob Wewnetrznych Kierownik: doc. E. Kowalski Instytutu Hematologii Dyrektor: doc. A. Trojanowski i z Zakladu Fizjologii Czlowieka A.M. w Warszawie Kierownik: prof. Fr. Czubalski.

(HEMOPOIESIS, physiology,
erythropoiesis, humoral regulation, review (Pol))

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KURATOWSKA-LEWARTOWSKA, Zofia; MICHALAK, Eligia

Research on the humoral erythropoetic factor in erythremia. Polski tygod. lek. 13 no.35:1341-1344 1 Sept 58.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Hematologii; kierownik: doc. dr. E. Kowalski i z Zakladu Fizjologii Czlowieka Akademii Medycznej w Warszawie; k kierownik: prof. dr Fr. Czubalski. Warszawa, ul. Chocimska 5 Instytut Hematologii.

(POLYCYTHEMIA VERA, blood in
erythropoietic factor, assay in rats (Pol))
(ERYTHROCYTES
erythropoietic factor in blood of patients with polycythemia vera, assay in rats (Pol))

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KURATOWSKA-LEWARTOWSKA, Zofia

Application of certain "tranquilizers" in clinical internal diseases. Polski tygod. lek. 14 no.32:1507-1510 10 Aug 59.

1. (Z Oddzialu Chorob Wewnetrznych Instytutu Hematologii; kierownik - doc. dr E. Kowalski)
(TRANQUILIZING AGENTS, ther.)

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A case of renal cancer with paroxysmal hypertension. Polskie arch. med. wewn. 29 no.4:517-522 1959.

1. Z Oddzialu Chorob Wewnetrznych Kierownik: doc. dr med. E. Kowalski Instytutu Hematologii Dyrektor: doc. dr med. A. Trojanowski
(HYPERTENSION, etiol.) (KIDNEYS, neopl.)

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Certain recent achievements in the field of bilirubin metabolism.
Polskie arch. med. wewn. 29 no.7:981-988 1959.

1. Z Oddzialu Wewnetrznego Instytutu Hematologii Kierownik: doc. dr med. E. Kowalski.
(BILIRUBIN, metab.)

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KURATOWSKA, Z.; LEWARTOWSKI, B.; MICHALAK, E.

Studies on the production of erythropoietin by the isolated hypoxic kidney. Bul Ac Pol biol 8 no.2:77-80 '60. (EEAI 10:4)

1. Laboratory of Clinical Biochemistry, Institute of Haematology, Warsaw and Laboratory of Human Physiology, School of Medicine, Warsaw Presented by F.Czubalski.
(ERYTHROPOIETIN)
(KIDNEYS)

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KURATOWSKA, Z.; LIPINSKI, B.; KOWALSKI, E.

The role of --SH-groups in the binding of heme and globin. Postepy biochem. 8 no.4:578-579 '62.

1. Z Zakladu Ochrony Zdrowia Instytutu Badan Jadrowych PAN w Warszawie.
(SULFHYDRYL COMPOUNDS) (HEMOGOGLOBIN)

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KURATOWSKA, Zofia

Erythropoietin — progress in the study on humoral regulation of erythropoiesis. Postepy hig. med. dosw. 16 no.3:373-400 '62.

1. Z Zakladu Ochrony Zdrowia IBJ w Warszawie Kierownik: prof. dr E. Kowalski.

(ERYTHROPOIETIN)

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KURATOWSKA, Zofia; KOWALSKI, E.; LIPINSKI, B.; MICHALAK, Eligia

Preparation of the erythropoietic factor from human blood plasma. Acta biochim. polon. 9 no.3:189-197 '62.

1. Department of Health Protection, Institute of Nuclear Research, Warszawa.

(ERYTHROCYTES) (HEMATOPOIESIS)

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NIEWIAROWSKI, Stefan; KURATOWSKA, Zofia; PIECHOCKA, Teresa

Studies on hemophilia in Poland. III. A case of hemophilia C (PTA factor deficiency). Pol. tyg. lek. 17 no.14:507-510 2 Ap '62.

1. Z Pracowni Biochemii Klinicznej Instytutu Hematologii; kierownik: prof. dr E. Kowalski i z Poradni dla Chorych na Hemofilie przy Instytucie Hematologii; kierownik: dr St. Niewiarowski.

(HEMOPHILIA statist)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

RAFALOWICZ, Adam; ZIELINSKI, Jan; KURATOWSKA, Zofia

A case of pregnancy toxemia in the form of malignant hypertension with hematological changes. Pol. tyg. lek. 17 no.21:840-842 21 My '62.

(PREGNANCY TOXEMIAS compl)
(PYELONEPHRITIS in pregn)
(HYPERTENSION RENAL in pregn)
(ANEMIA in pregn)

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KOPEC, Maria; KURATOWSKA, Zofia; CZECHOWSKA, Zofia

A case of generalized vascular dysplasia with an unusual hematologic syndrome. Pol. arch. med. wewn. 33 no.2:201-208 '63.

1. Z Oddzialu Wewnetrznego Instytutu Hematologii w Warszawie Ordynator: prof. dr med. E. Kowalski i z Zakladu Anatomii Patologicznej Instytutu Hematologii w Warszawie Kierownik: dr med. Z. Czechowska.
(FISTULA, ARTERIOVENOUS) (HEMATOLOGY) (PATHOLOGY)
(SPLEEN) (ERYTHROCYTES)

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LEWARTOWSKI, B.; KURATOWSKA, Z.

Intracellular localization of haemicholinium sensitive and haemicholinium insensitive acetylcholine fractions in the heart atria. Bull. acad. Pol. sci. [Biol.] 13 no.1:37-41 '65.

1. Submitted on November 17, 1964.

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KURATOWSKI, KAZIMIERZ

Topologie. Warszawa. (Monografje matematyczne, t. 3, 21) Topology. In French. footnoes)

Vol.1(Spaces measurable in meters, complete spaces) 1933.

Vol. 2. (Compact spaces, connected spaces, Euclidian plan surface) 1950.

MB

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

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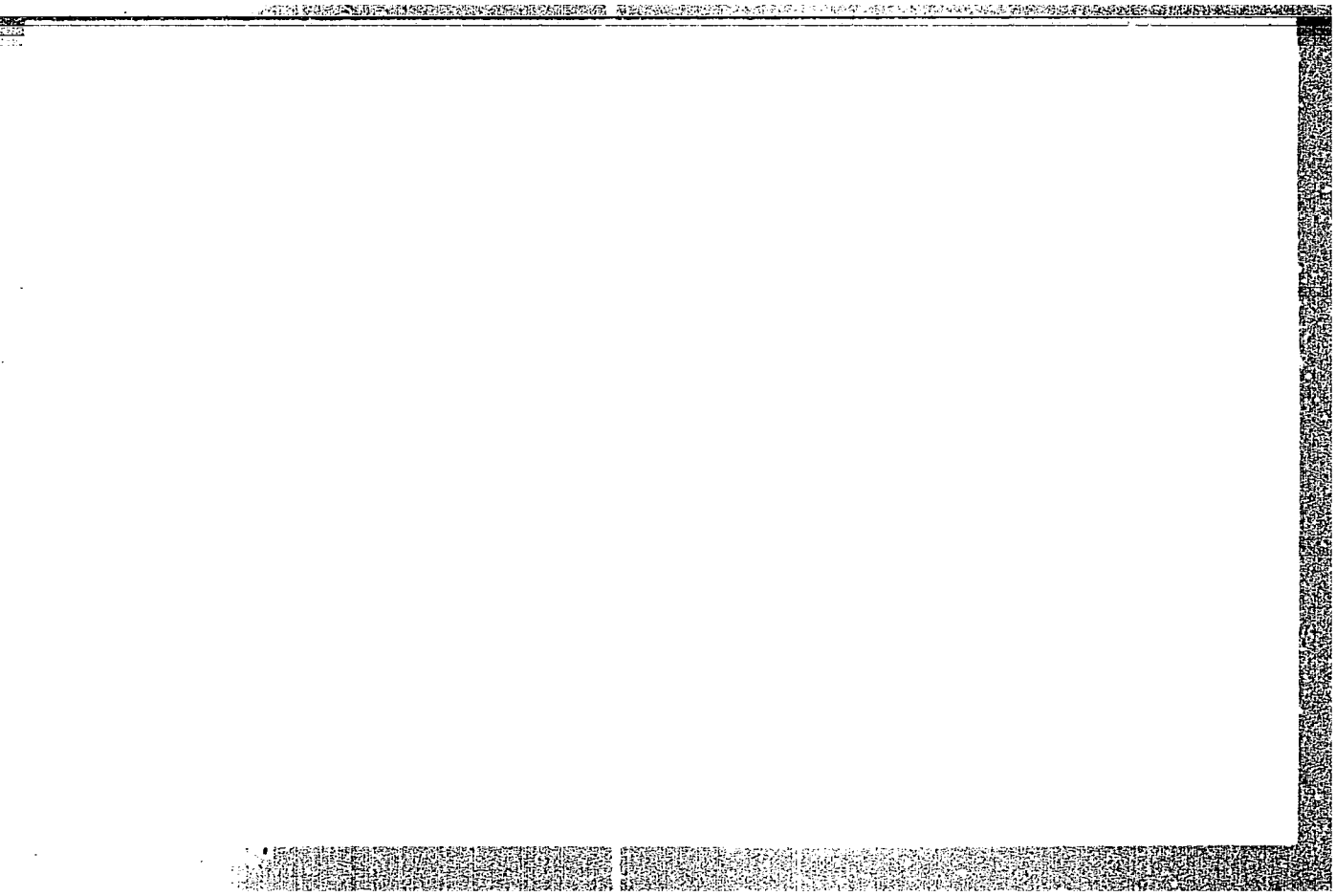

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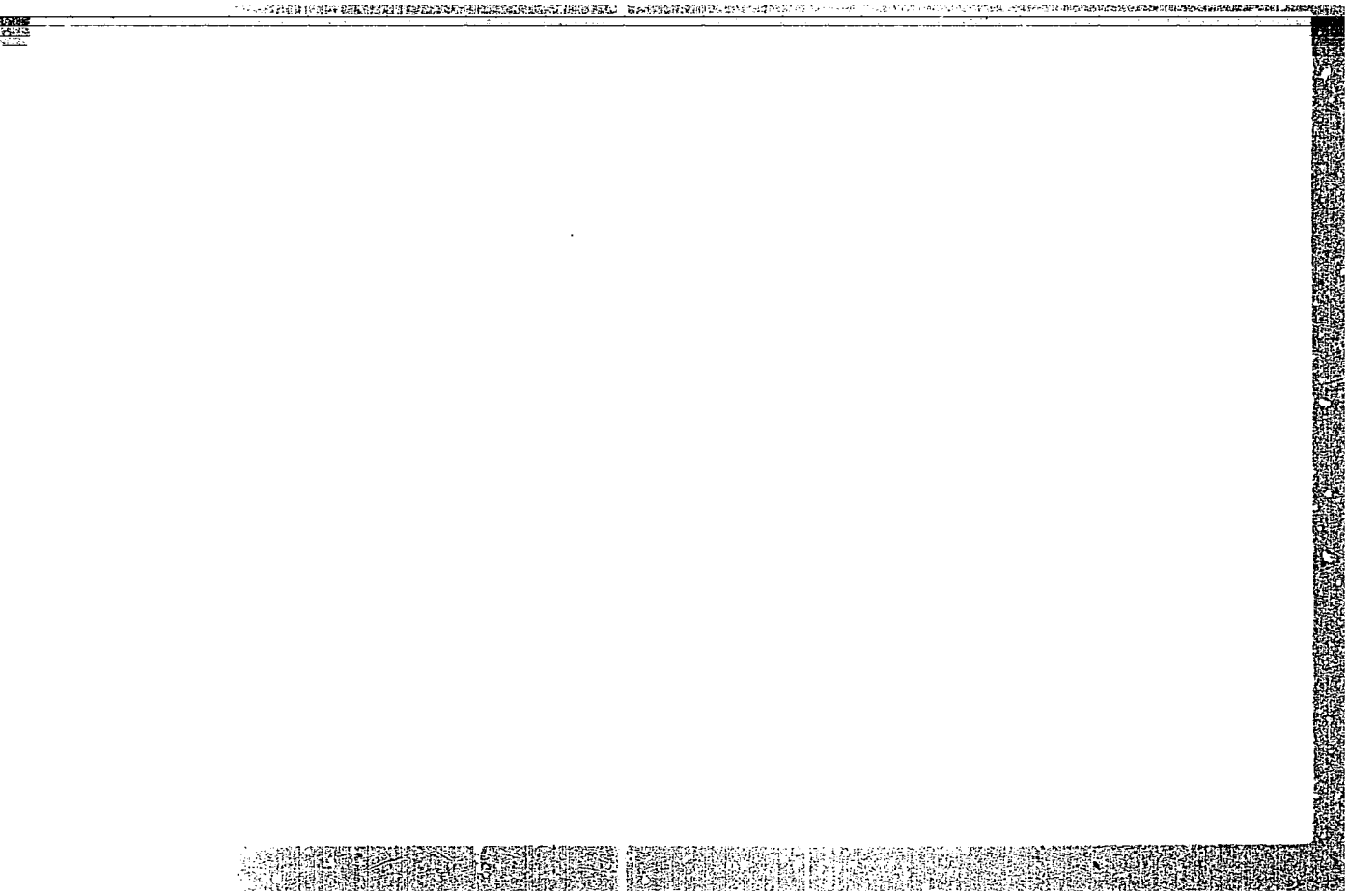

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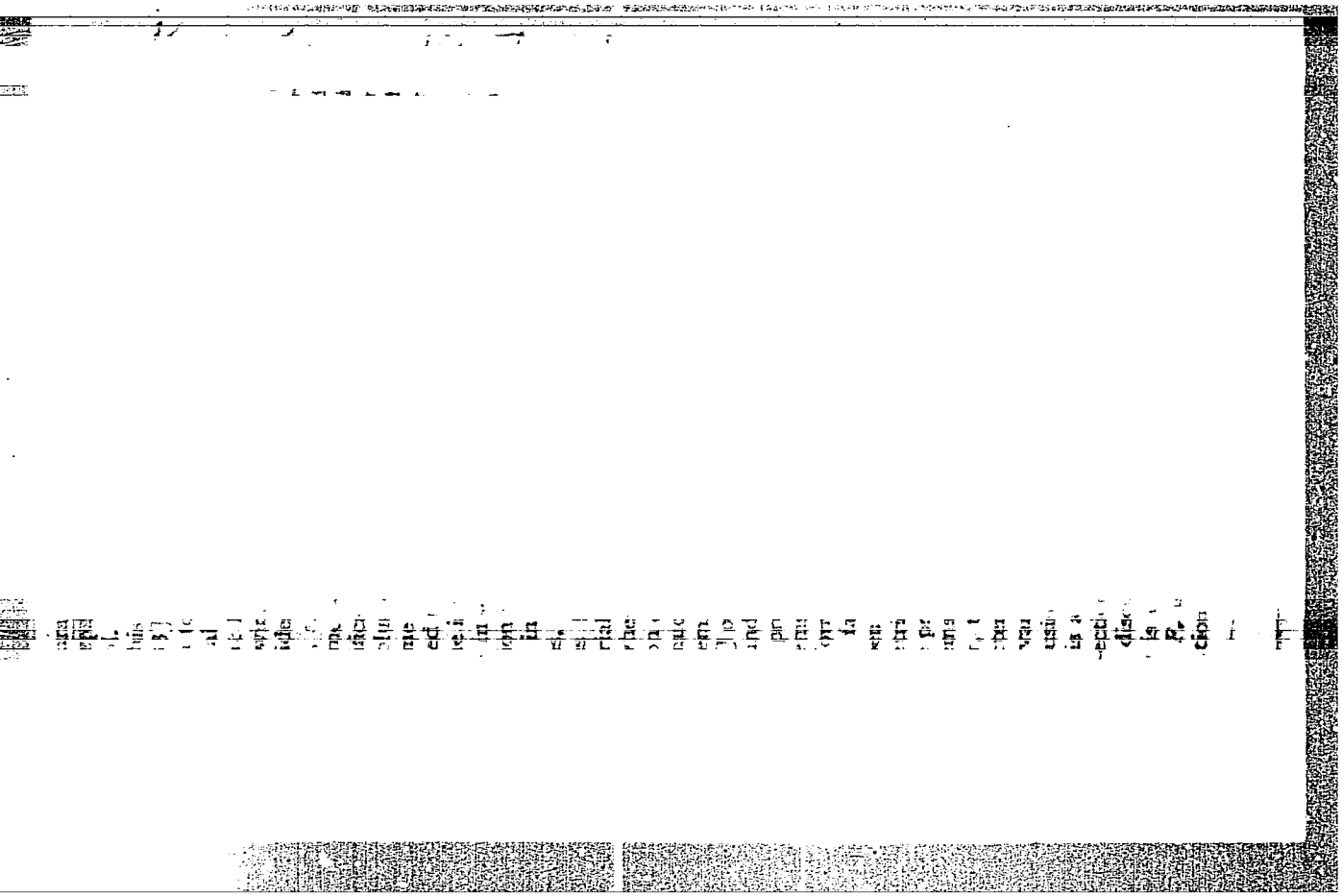

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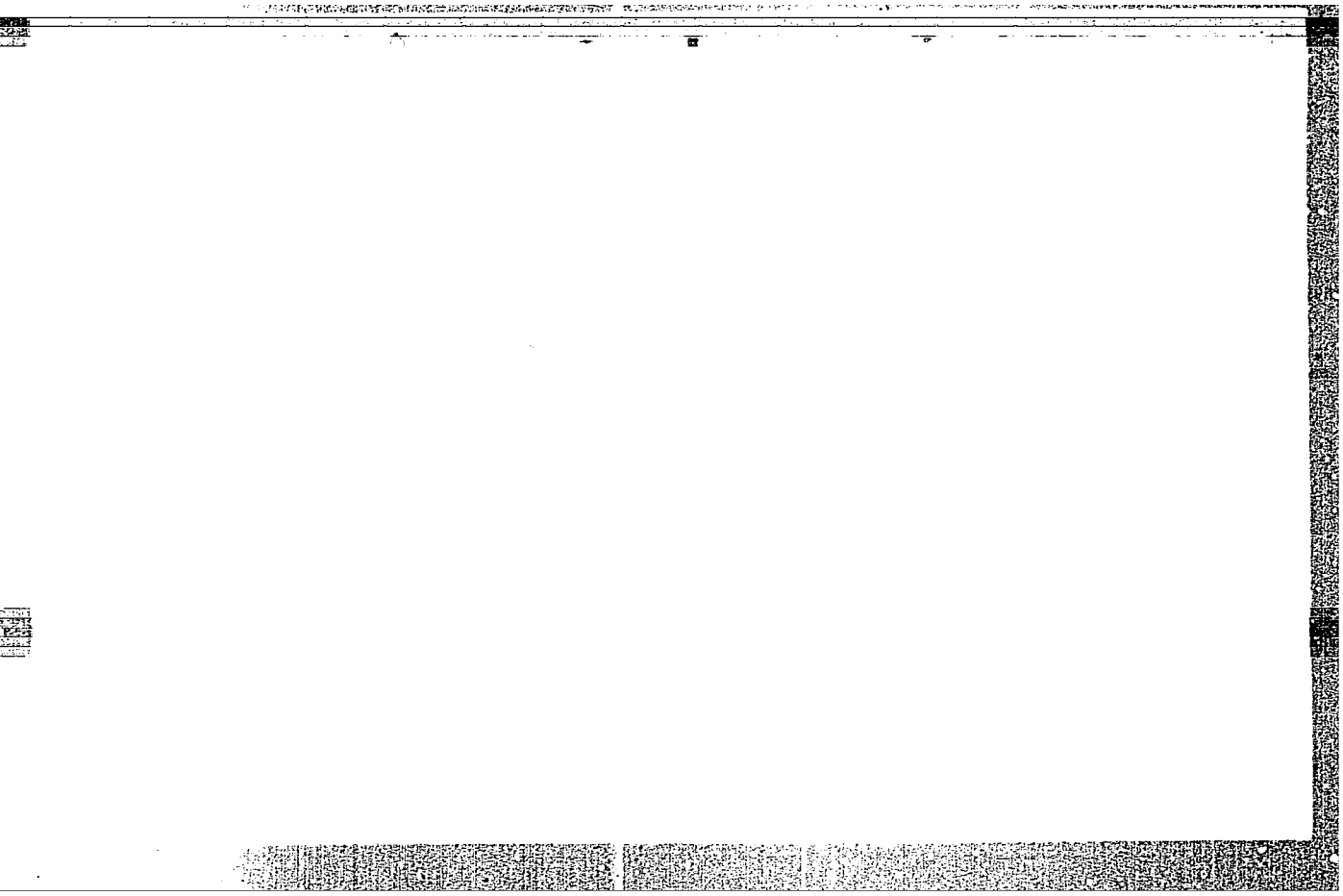

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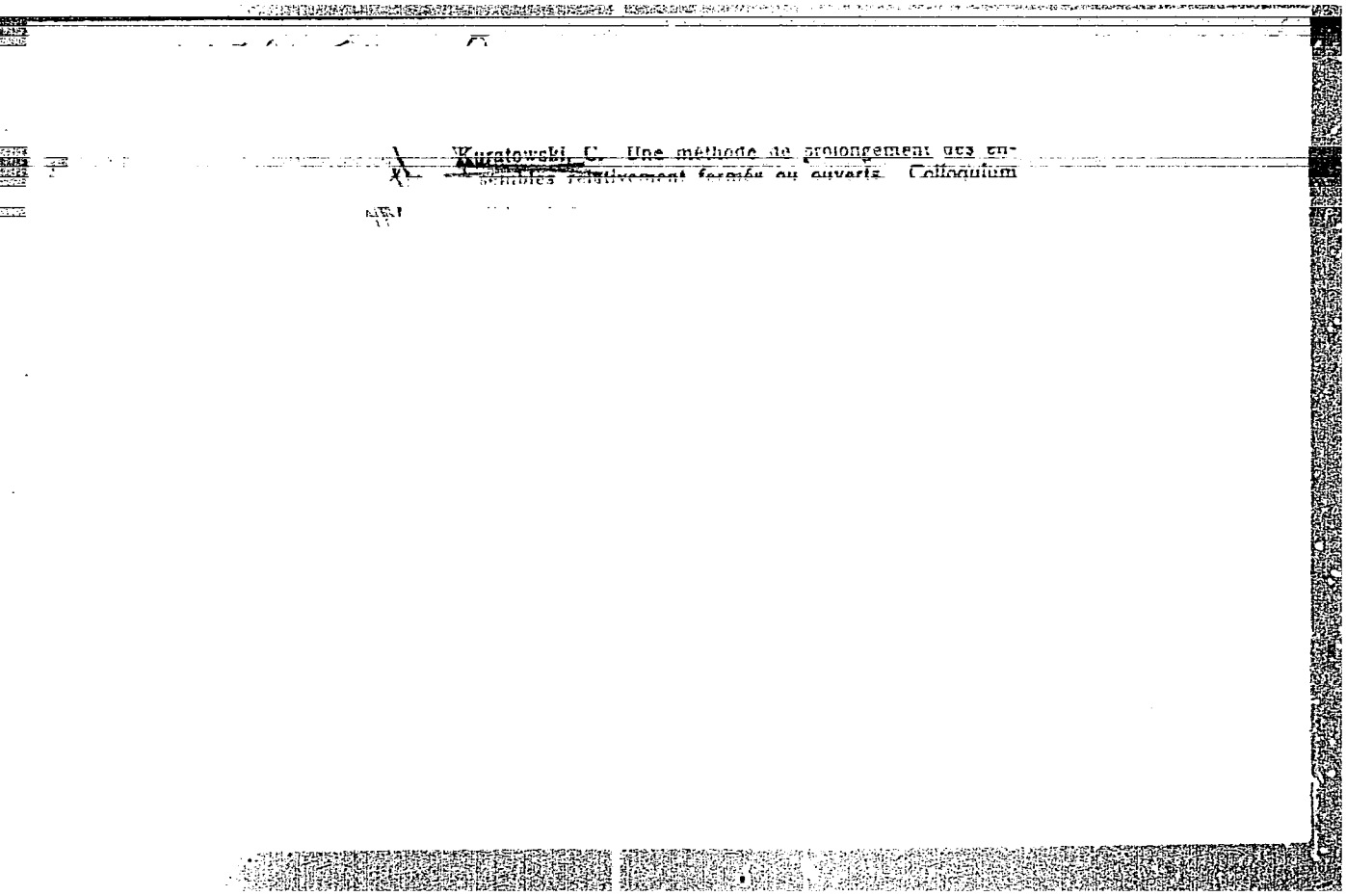

Kuratowski, C. Une méthode de prolongement des en-
[illegible] relativement fermés au ouverts. Colloquium

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KURATOWSKI Casimir

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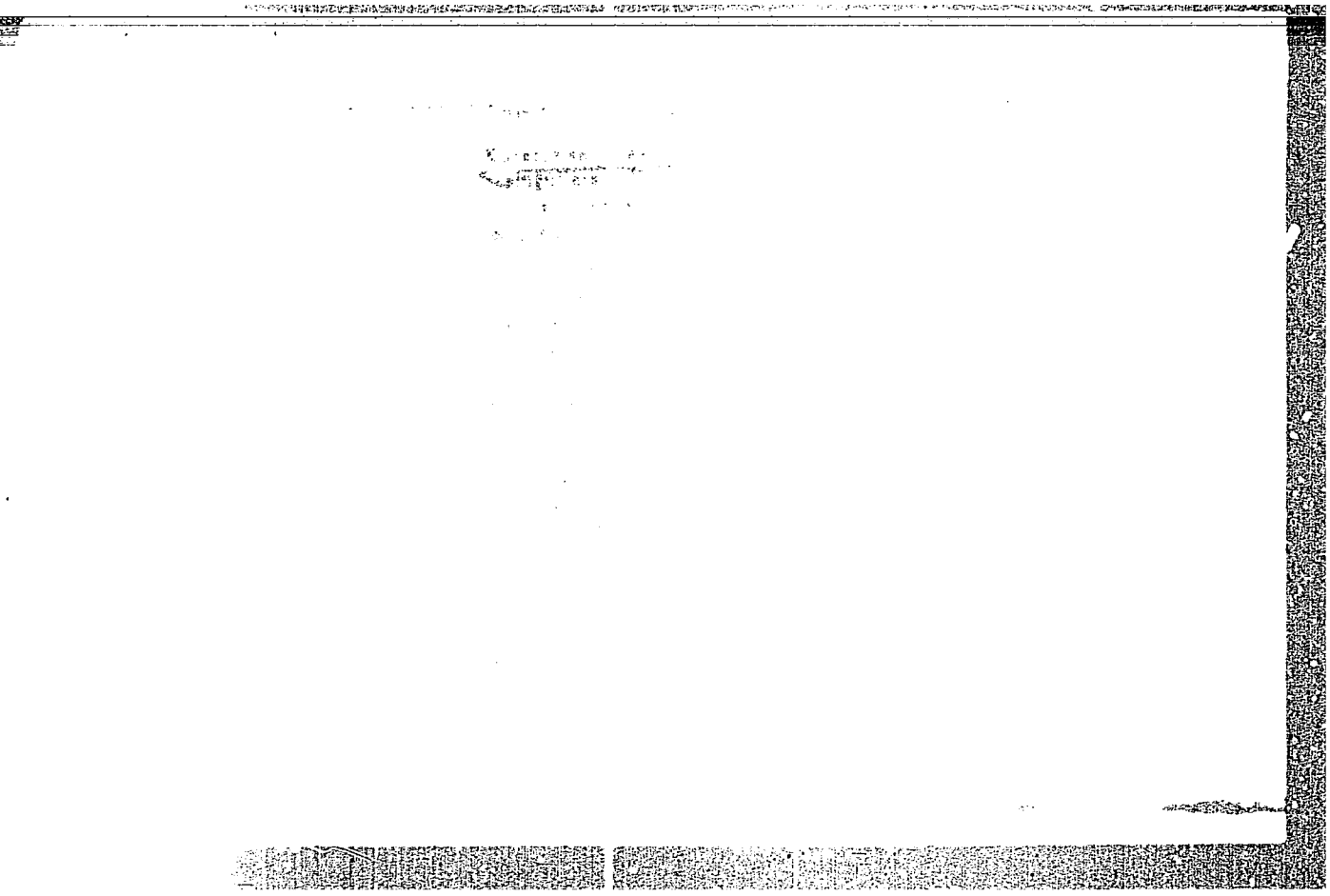

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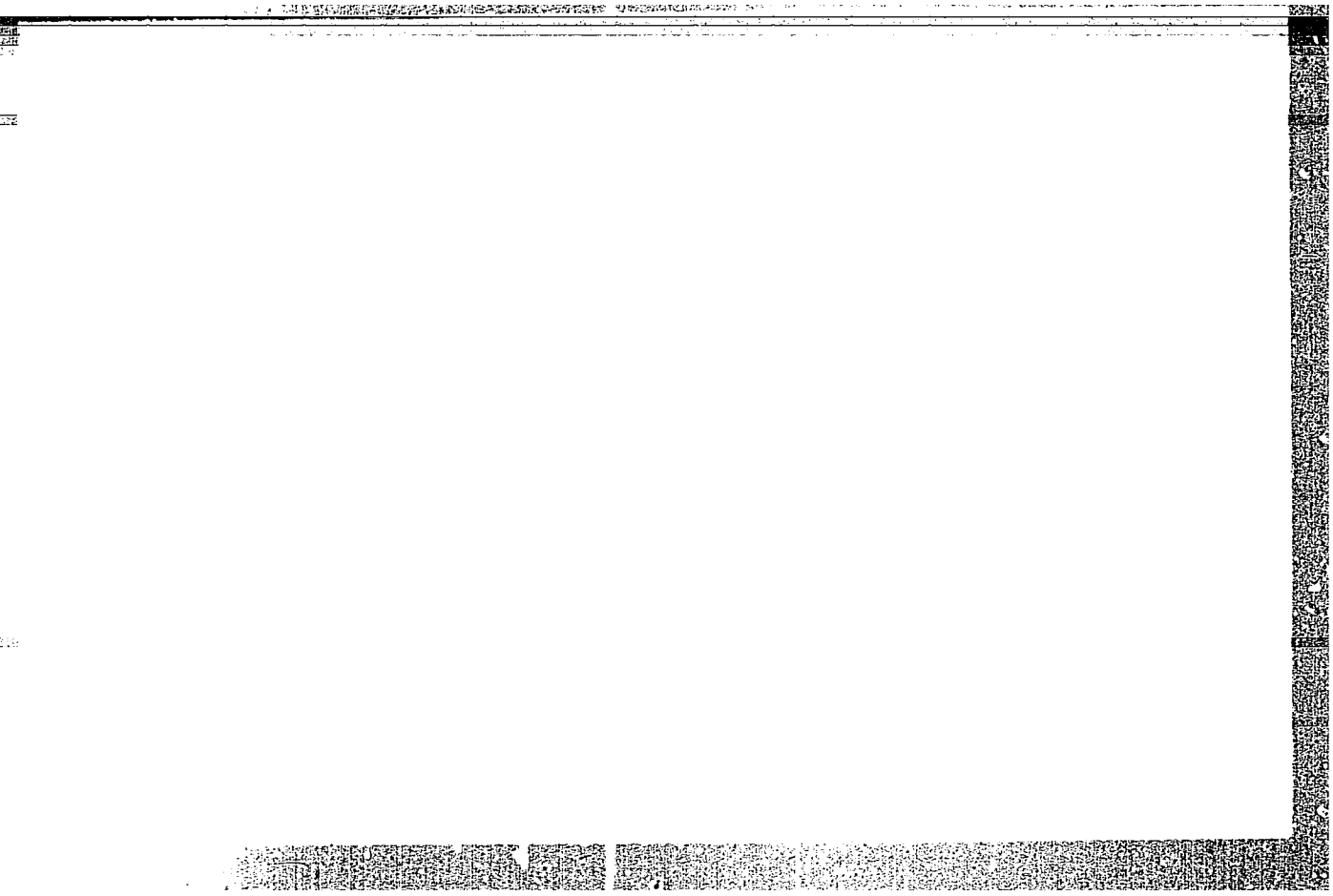

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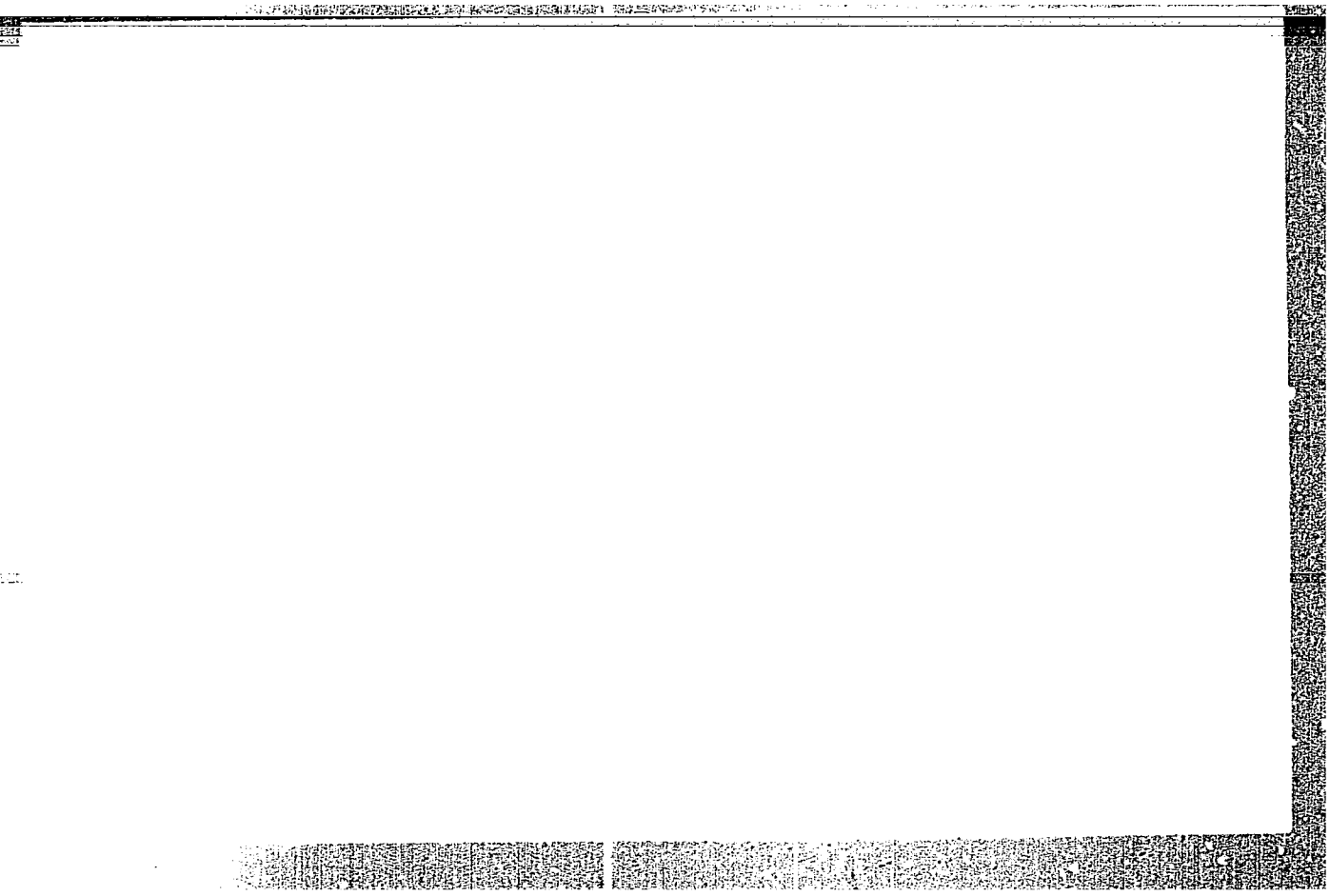

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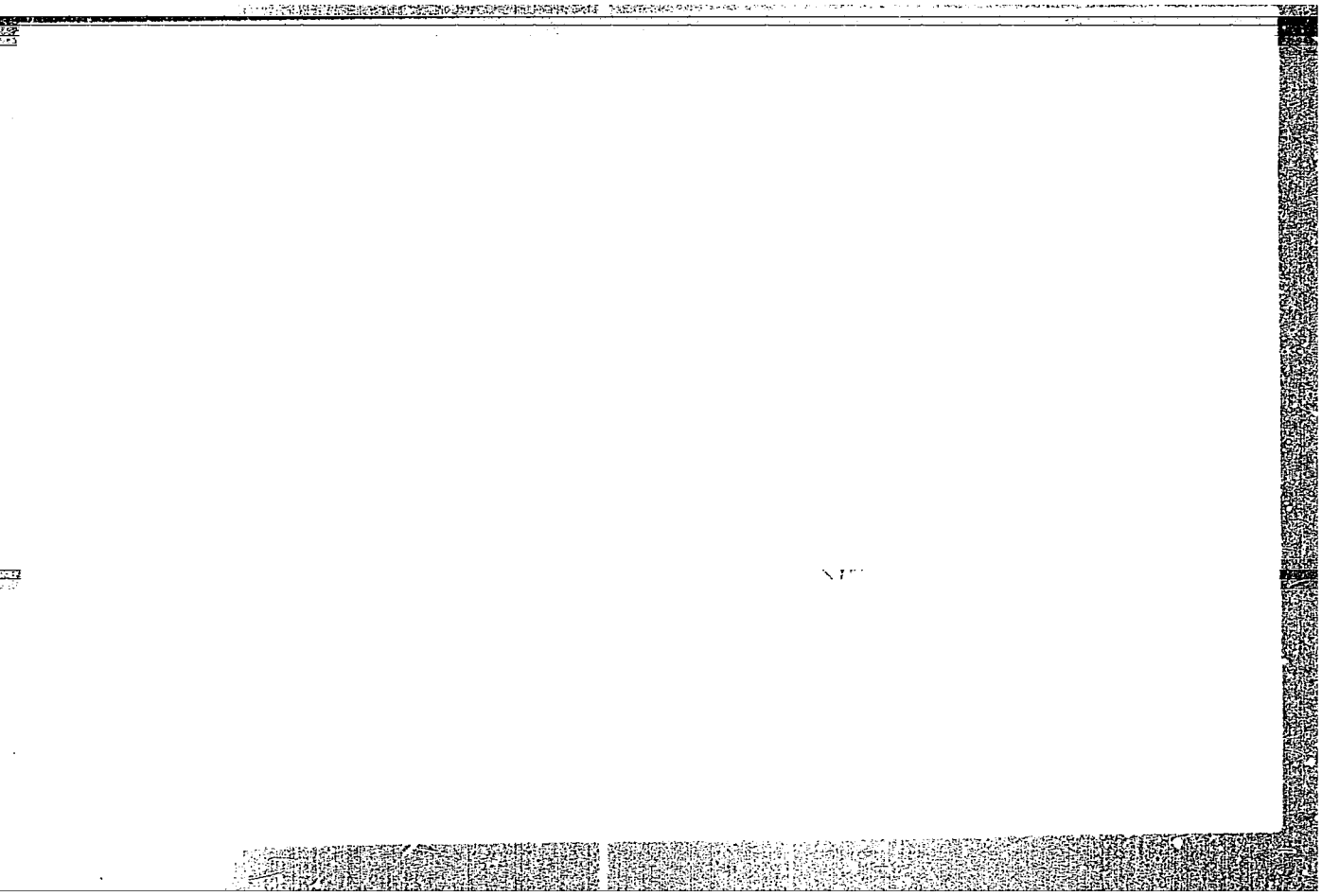

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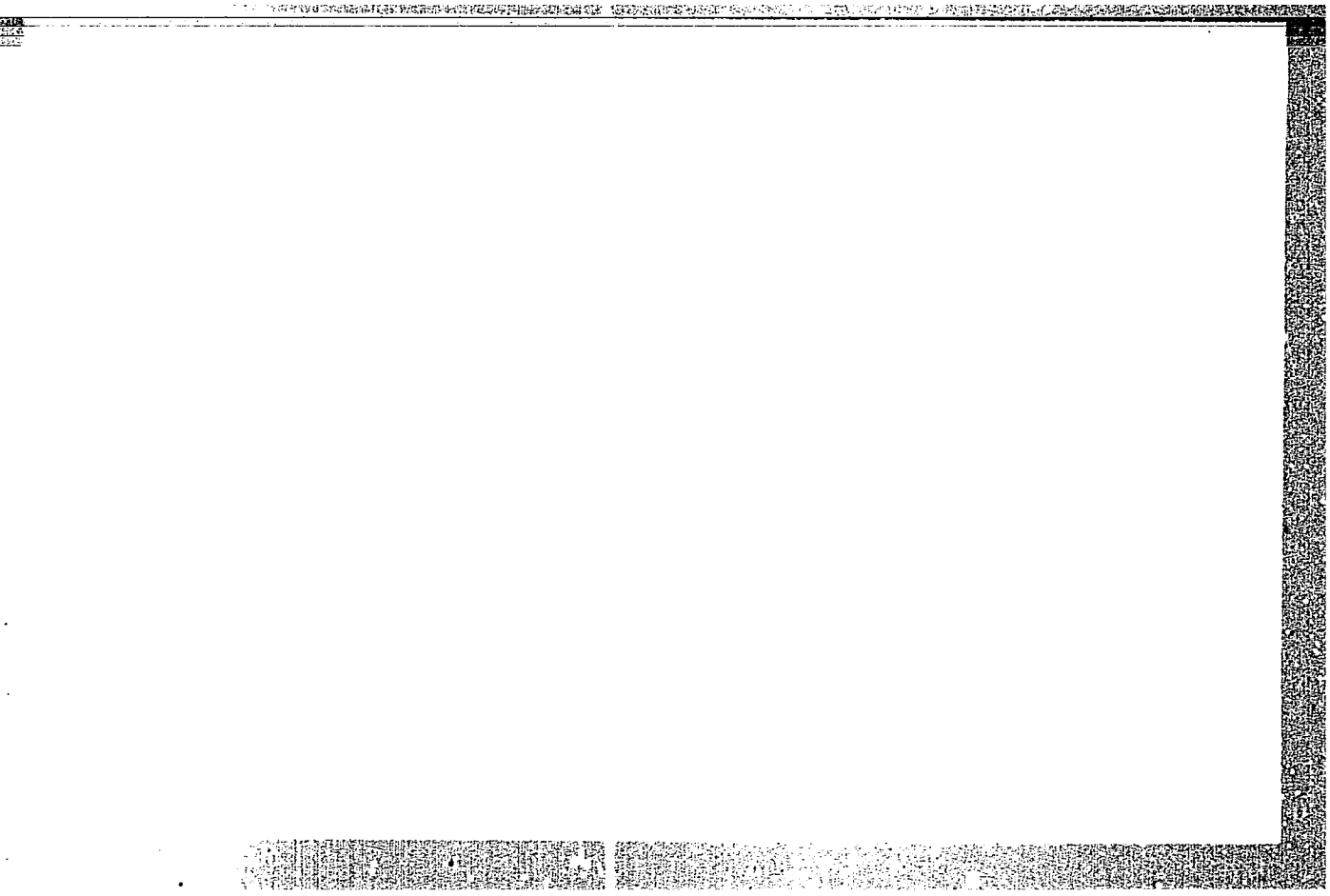

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Mathematical Reviews
Vol. 14 No. 10
Nov. 1953
Analysis

*Kuratowski, Kazimierz, i Mostowski, Andrzej. Teoria mnogości. (Theory of sets.) Monografie Matematyczne, Tom XXVII. Polskie Towarzystwo Matematyczne, Warszawa-Wrocław, 1952. ix+311 pp.

This excellent monograph presents a modern course on general set-theory. The presentation follows a mimeographed course of lectures by Kuratowski on set-theory, issued in 1924, but is considerably enlarged and completed. Thus the systematic use of logical operators in set-theory, the study of the operation of the direct product of sets, and the theory of partial order form new features of this volume. Chapter VI, dealing with the study of independence and non-contradiction of the axioms of set-theory, is new and contains a survey of Gödel's work and recent results connected with it.

The book is extremely readable, due to a system of development of set-theory which combines the two approaches: the "naive" method followed by Cantor himself, and the formalistic treatment developed on the axiomatic method. The symbolism of mathematical logic is used throughout, but with moderation, and ample motivation is given in the text appealing to the intuition on the infinite sets. This intuition will continue to be necessary as no one

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etc., in such systems as CaO-Fe_2O_3-SiO_2, and Dolch and von Haasy have demonstrated the possibilities of relatively stable sulfosilicates. The modern methods of desulfurization of pig iron by soda melts have made another important contribution to the study of the sulfide-silicate melt equilibria. The mineralogical study of sulfides in slags by chalcographic methods has also shown the importance of primary alabandite(MnS) in many slags. The parallels to the constitution of meteoric irons are equally suggestive for a future development of basic sulfide-slag investigations. The present book is introduced by an extensive discussion of the theories and experimental determinations of the general characteristics of blast-furnace and related slags. The most representative literature data are compiled in tables. Theories of the nature of chemically bound sulfur in silicate slags are discussed in relation to the results of detailed studies on the sulfide crystal phases observed in slags under polarized transmitted and reflected light. From this empirical data, the specific problem of the use of sulfide-containing slags in chemical technology and building construction is discussed with special reference to the decomposition of sulfides by atmospheric factors, moisture, and circulating solutions, which results in corrosive products of sulfide oxidation. The results of theoretical metallurgy are related to the chemistry and mineralogy of silicate systems on a modern physicochemical basis. Investigations in the fields of phase equilibria in fused systems and the elements of modern crystallochemistry are correlated with thermochemical methods whose importance in the calculation of affinities and stability conditions in sulfide-silicate slags is emphasized. A bibliography of 162 well-selected papers is given, besides hundreds of valuable footnote references. W.E.

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KURATOWSKI, CASIMIR

Mathematical Reviews
Vol. 14 No. 9
October 1953
Topology

*Kuratowski, Casimir. Topologie. Vol. II. 2ème éd. Monografie Matematyczne, Tom XXI. Polskie Towarzystwo Matematyczne, Warszawa, 1952. viii+443 pp. $6.00.

Reprinted, with corrections, from the 1st edition (Warszawa-Wrocław, 1950; these Rev. 12, 517).

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Mathematical Reviews
Vol. 14 No. 10
Nov. 1953
Topology

Kuratowski, Casimir. Topologie. Vol. I. 3ème ed. Monografie Matematyczne, Tom XX. Polskie Towarzystwo Matematyczne, Warszawa, 1952. xii+450 pp. $7.50.

Except for the correction of a few minor errors, this is identical with the second edition, published in 1948 [these Rev. 10, 389]. *E. G. Begle* (New Haven, Conn.).

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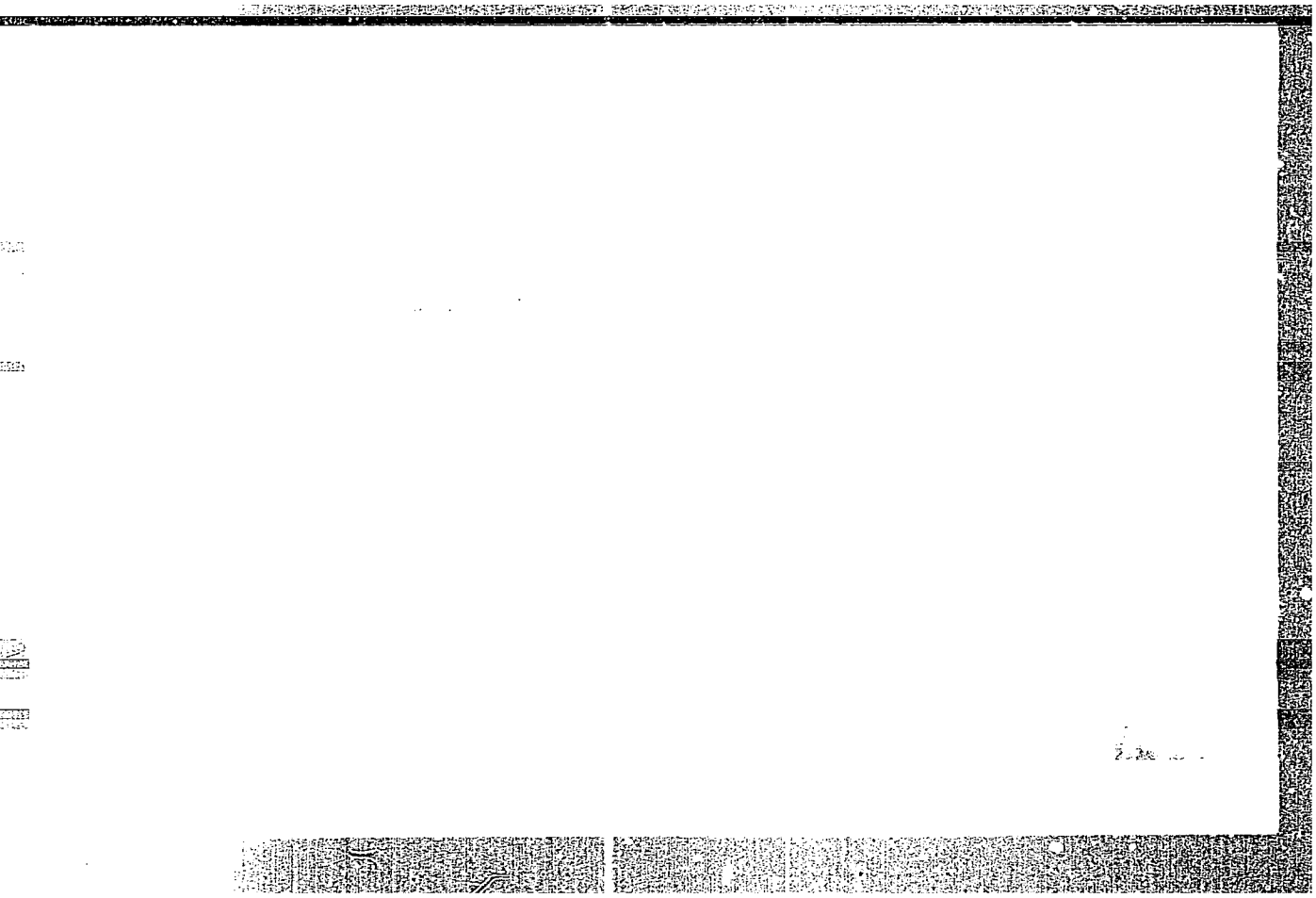

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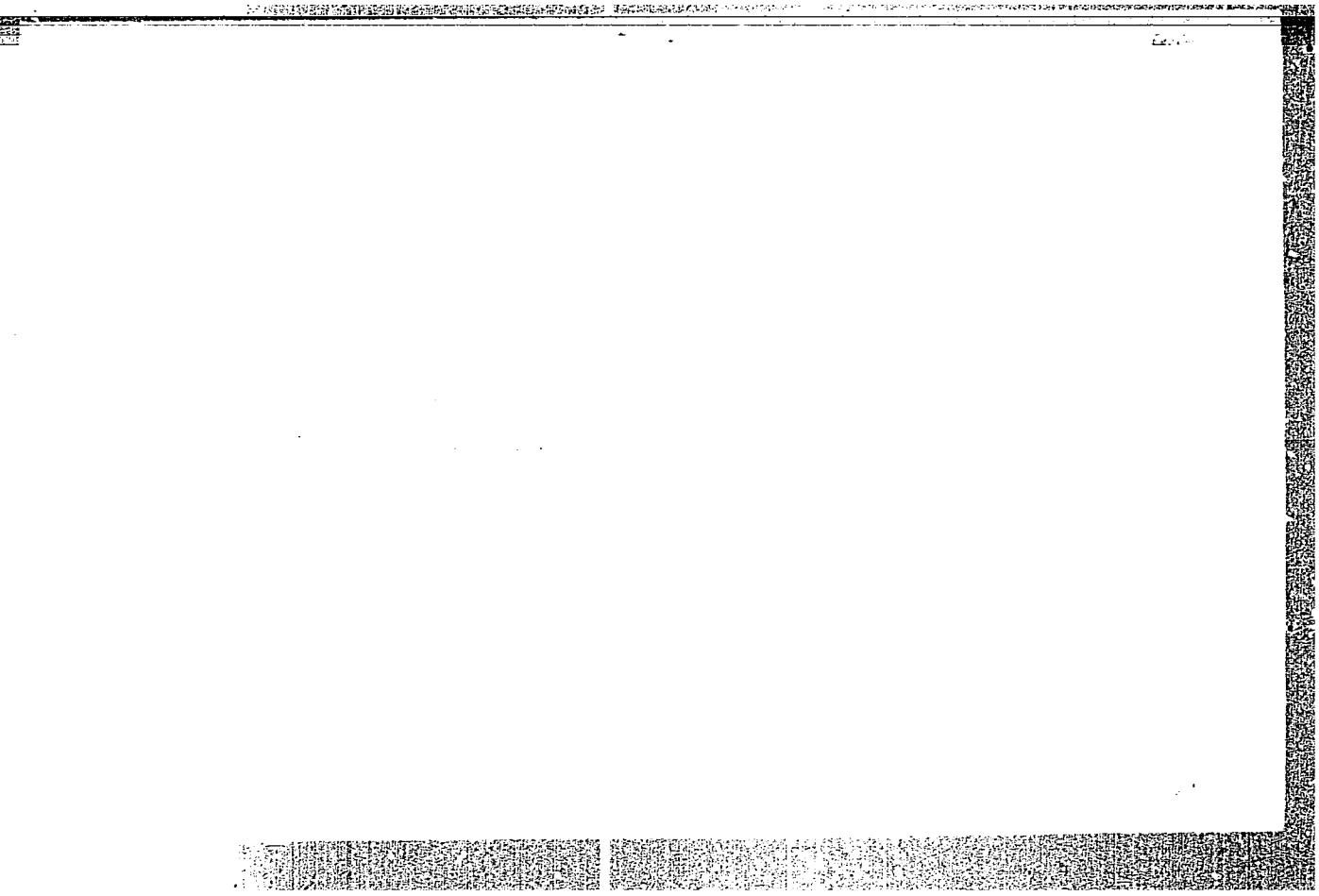

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KURATOWSKI, K.

(2)

Mathematical Reviews
Vol. 15 No. 4
Apr. 1954
Topology

Kuratowski, K., et Steinhaus, H. **Une application géométrique du théorème de Brouwer sur les points invariants.** Bull. Acad. Polon. Sci. Cl. III. 1, 83–86 (1953).

The n-dimensional case of the following theorem is proved. Let R be a bounded measurable set in the plane, and let $r=|R|$ be the measure of R. Let A_0, A_1, A_2 be the angles determined by three rays emanating from a point. Finally, let α_0, α_1, α_2 be three non-negative numbers such that $\alpha_0+\alpha_1+\alpha_2=1$. Then there is a translation τ such that, denoting τR by R', $|R'\cap A_i|=r\alpha_i$ for $i=0, 1, 2$.

E. G. Begle (New Haven, Conn.).

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KURATOWSKI, C.

Mathematical Reviews
Vol. 14 No. 11
Dec. 1953
Topology

Grzegorczyk, A., and Kuratowski, C. On Janiszewski's property of topological spaces. Ann. Soc. Polon. Math. 25 (1952), 169-182 (1953).

Let S be a connected, locally connected, Normal T space, and suppose that, whenever A and B are closed connected subsets of S such that S- (A∪B) is connected, then A∩B is connected. The authors deduce that, whenever C, D are components of any closed subsets A, B of S such that S - (A∪B) is connected, then C∩D is connected; and that this in turn implies the same property with "closed" replaced by "open". If further S is compact metric, all these properties are known to be equivalent to one another [from the fact that they make every true cyclic element of S a 2-sphere; see C. Kuratowski, Fund. Math. 13, 307-318 (1929)]. In the general case, the question of equivalence remains open. In an appendix it is pointed out that the results extend to a suitable class of "closure algebras" [R. Sikorski, Fund. Math. 36, 165-206 (1949); these Rev. 12, 85]. A. H. Stone (Manchester).

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[illegible], K.

"Analytic Propriety of Infinite Homeomorphism in Continuous Plane", P. 9, (POLSKA AKADEMIA NAUK, Vol. 2, No. 1, 1954, Warsovie, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

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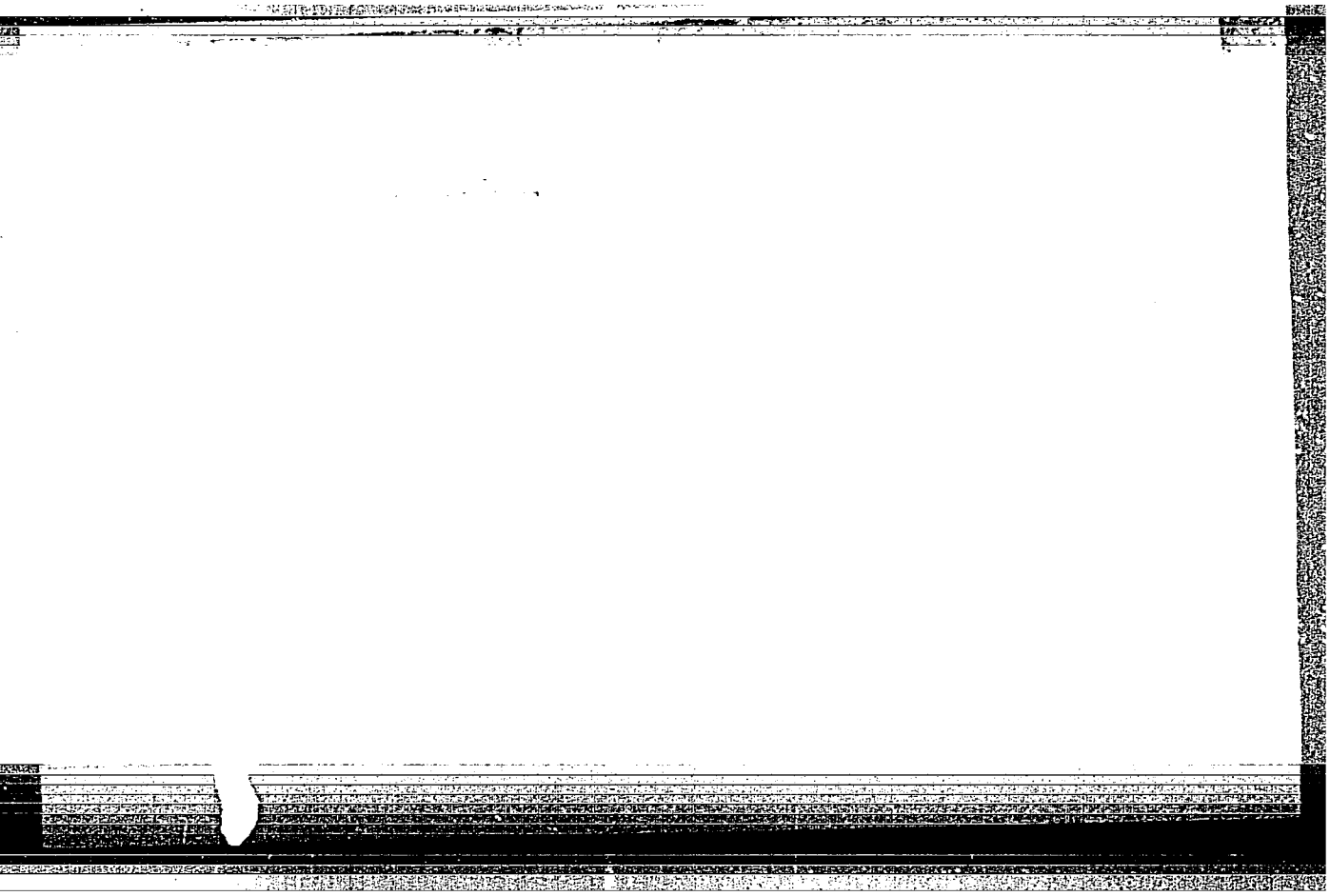

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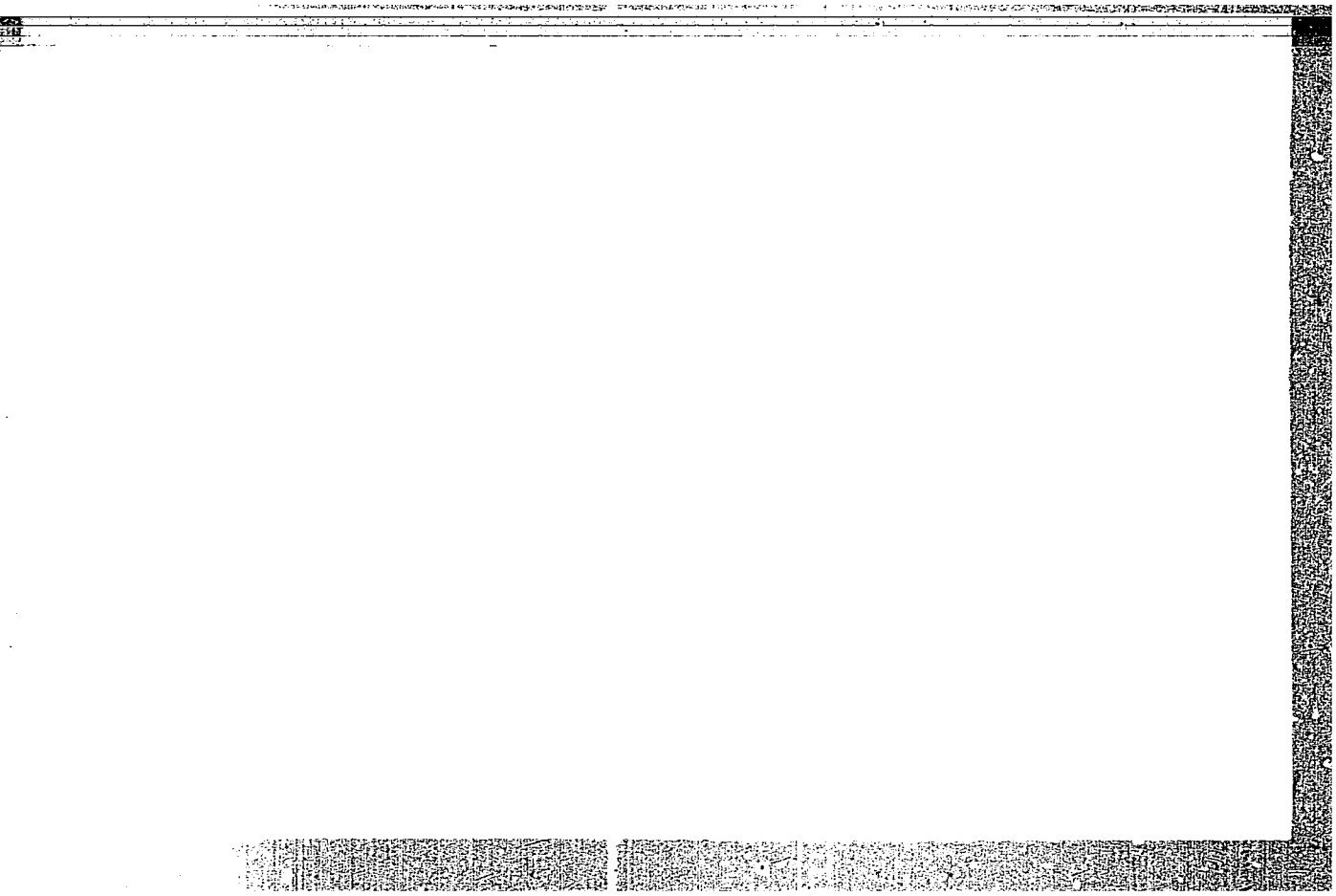

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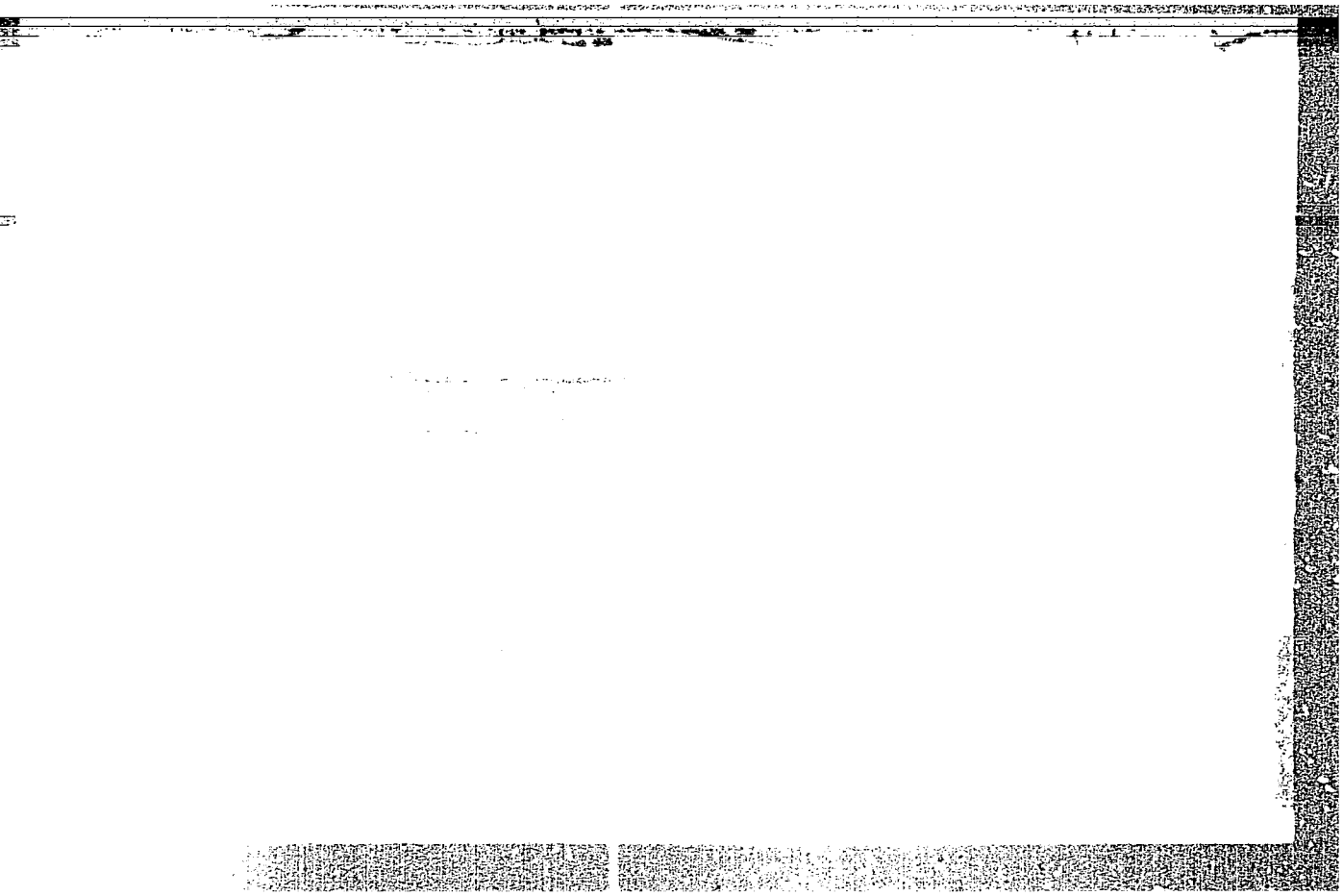

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KURATOWSKI, K.

A theorem on complete spaces and its application to the research of local connection. In French. p. 75.
BULLETIN, Warsovie, Vol. 3, no. 2, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620008-7

KURATOWSKI, K.; MAHO, K.

Some properties of functions defined on simply connected continua.
In French. p.243.
PRACE MAT. Warszawie
Vol. 3, no. 5, 1955

So. East European Accessions List Vol. 5, no. 9 September 1956

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