

PROCESSED AND REPRODUCED BY THE NATIONAL ARCHIVES

2

CA

Investigation of the adsorption of H₂ and N₂ on iron-3 molybdenum ammonia catalysts. V. Roster, S. Gauthman and M. Leperson. *Acta Physicochim. U. R. S. S.* 4, 145-56(1959).— A stable catalyst composed of 18.5% Mo, 74.1% Fe and 7.4% Al₂O₃ was prepd. by reduction at 450°. At 1 atm. its activity is the same as that of the unstable catalyst without Al₂O₃ but at 150 atms. it is 8 times as great. At -183° adsorption of H₂ is completely reversible. Above 0° a slow "irreversible" adsorption begins, more marked for the still unfatigued and especially the promoted catalysts. N shows only van der Waals reversible adsorption with Q = about 4500 Cals. at 25° for the unpromoted and 12,000 Cals. for the Al₂O₃-promoted catalyst. The mechanism proposed by Emmett and Brunauer (*C. A.* 28, 1243⁹) is criticized. F H R

ASB 15A METALLURGICAL LITERATURE CLASSIFICATION

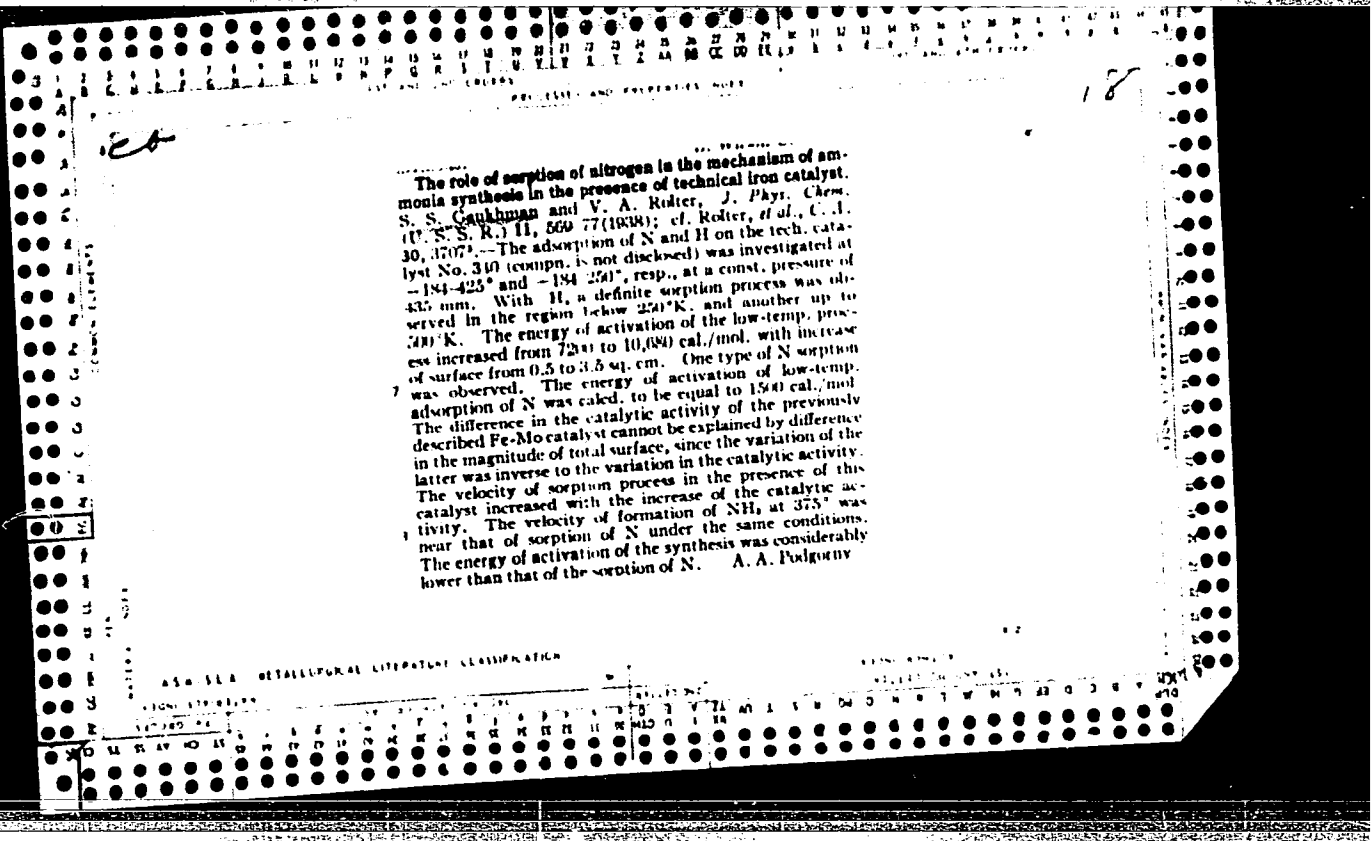
1959

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Chlorination of Dnepr river water with a preliminary ammonization. S. S. Gaukhman. *Vodostokhishenie i Sostav* 1938, No. 8, 55-57. *Khim. Recept. Zhur.* 1, No. 11-12, 121 (1938). Preliminary ammonization of the water with NH_3 or with $(\text{NH}_4)_2\text{SO}_4$ considerably reduces the absorption of Cl. With a dose of Cl of 1 mg/l this absorption was between 0.30 and 0.34 mg/l. The amounts of NH_3 and $(\text{NH}_4)_2\text{SO}_4$ which are necessary for the ammonization are determined by titration, and they depend on the concentration of phenol. The preliminary ammonization with NH_3 and with $(\text{NH}_4)_2\text{SO}_4$ (when properly performed) prevents entirely the chlorophenol odor and taste of water.

W. R. Heim

434 514 METALLURGICAL LITERATURE CLASSIFICATION



117 AND 118 SERIES PROCESSES AND PROPERTIES INDEX

2

ca

Comparative characteristics of the adsorptive and catalytic properties of variously prepared synthetic ammonia iron catalysts. S. S. Goukharman and V. A. Ruder. *J. Phys. Chem.* (U. S. S. R.) 18: 593-10(1939); cf. C. A. J. 33, 4389. — Adsorption isotherms for H and N on 2 Fe catalysts promoted by 2% Al₂O₃ are given for temps. from 184 to 425°. Phys. adsorption was found at 184°, two types of activated adsorption at 250-425° on the sintered catalyst only. For the ammonia synthesis at 300-385° the catalytic activity of the sintered catalyst was proportional to the activated adsorption. P. H. R.

Acad. of Sci. Ukrainian SSR, Inst. of Phys. Chem im. L. V. Pizarshevskiy, Dnepropetrovsk, -1938-

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

117 AND 118 SERIES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

18

PROCESSES AND PROPERTIES INDEX

Adsorption properties of differently prepared iron catalysts of the same composition. V. A. Kofler and S. S. Gaukhman. *Ber. Pissarjevsky Inst. physik. Chem., Akad. Wiss. Ukr. S. S. R.* 12, 3-11 (in Russian, 12; in German, 12-13) (1940).—Study was made of the nature of adsorption of H₂ and N₂ within the interval of -184° to +425° on two Fe catalysts used in the synthesis of NH₃. The catalysts contained 98% Fe₂O₃ and 2% Al₂O₃. One of the catalysts was fused in an elec. arc. Three types of sorption of H₂ were observed; phys. sorption at 184° and 2 types of activated sorption analogous to pure Fe and other promoted catalysts. With the fused catalyst there was activated sorption of N₂ at 250-425° with measurable speed, but there was no practically measurable sorption of N₂ on the unfused catalyst. Measurements were also made of the kinetics of NH₃ synthesis (both catalysts were used). The catalytic activities are compared with the sorption characteristics.

B. Z. Kamich

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

ROYTER, V.A.; GAUKHMAN, S.S.

Effect of macrokinetic factors on the selectivity of catalysis.
Dop. AN URSSR no.2:34-36 '49. (MLRA 9:9)

1. Institut fizichnoi khimii im. L.V. Pisarzhevs'kego AN URSSR,
Kiev i Khimiko-tehnologichnyi institut im. F.Ye. Dzerzhins'kego,
Dnipropetrovsk. Predstaviv diysnyi chlen AN URSSR O.I. Brods'kiy.
(Catalysis)

GAUKHAM, T.

PA 26/49T85

USSR/Radio

Jan 49

Television - Receivers

"Let Us Achieve Mass Production of a Cheap Television Set," T. Gaukham, Cha, Sec on Television, Cen Radio Club, DOSARM, 3 pp

"Radio" No 1

Two ways to obtain a cheap television set are mass production of existing types and designing a simplified set. Suggests methods for simplifying design, some of which seem rather impractical (cutting the number of tubes from 22 to 11 or 12, eliminating all transformers, etc.).

26/49T85

GAUKHMAN, T.

29017 Nalazhivanie Televizora TAG-5. Radio, 1949, No. 9, s. 44-47

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

GAUKHMAN, T.

USSR/Radio - Television
Jul 51

"Prospects for the Development of Amateur Television," T. Gaukhman

"Radio" No 7, pp 35, 36

Commands amateurs who have built television receivers with high definition using ferrer tubes (12-15 instead of 25-30). Amateurs of Central and Leningrad radio clubs have already built wired television centers. Problems on which amateurs should work are: (1) development of a cheap television receiver, preferably using a kinescope with static deflection; (2) construction

195TTT

Jul 51

USSR/Radio - Television (Contd)

of a wired television center for 20-30 "points"; (3) construction of "small" television centers following the Kher'kov model; (4) intensification of work on industrial television applications.

195TTT

USSR/ Electronics - Television receivers

Card 1/1 ; Pub. 89 - 18/28

Authors : Gaukhman, T.

Title : New circuits and connections in television receivers

Periodical : Radio 1, 38-42, Jan 1954

Abstract : New circuits and connections in a larger television receiver are considered, and the following features are discussed: antennas, symmetrical input devices, crystal detectors, video amplifiers, detection amplification circuits, and amplitude separators. Circuit diagrams; drawings; diagrams.

Institution:

Submitted:

GAUKHMAN, T.

USSR/ Electronics - Television

Card 1/1 Pub. 89 - 17/27

Authors : Gaukhman, T.

Title : ~~.....~~
New circuits and components of television receivers

Periodical : Radio 1, 37-40, Jan 1955

Abstract : Some new subassemblies, components and arrangements of parts in television sets are discussed. Features described and explained are the amplitude selector, line scanning, output transformer for line scanning, input cascade for line scanning and coil regulating the width of the image. Schematic drawings.

Institution :

Submitted :

68017

17

~~46(1)~~ 16.5600

SOV/155-58-6-18/36

AUTHOR: Gaukhman , V.A.

TITLE: The Surfaces of the Centers of Curvature of a Minimal Surface

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 6; pp 111-113 (USSR)

ABSTRACT: The surface M is supposed to have the following properties:

a.) The geodesic² curvature of the lines of constant Gaussian curvature of this surface is equal to the square root of the Gaussian curvature.

b.) The orthogonal trajectories of the lines of constant Gaussian curvature on M are geodesic lines of M .

The author shows that to every surface M with these properties there corresponds a unique surface M_1 , the surface of curvature centers of which is M .

The author thanks Professor S.P. Finikov for the guidance of the paper.

There are 3 references, 2 of which are Soviet, and 1 German.

ASSOCIATION: Moskovskiy pedagogicheskiy institut imeni V.P. Potemkina

(Moscow Pedagogical Institute imeni V.P. Potemkin)

SUBMITTED: October 20, 1958

Card: 1/1

GAUKHMAN, V.A.

Geometry of an ordinary second-order differential equation with respect to a conformal group of transformations in two variables.
Dokl. AN SSSR 140 no.1:15-18 S.O '61. (MIRA 14:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Differential equations) (Conformal mapping)

GAUKHMAN, V.A.

Geodetic surfaces in manifolds of affine connectivity of complex structure. Dokl. AN SSSR 140 no.6:1241-1243 0 '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom P.S.Aleksandrovym.
(Topology)

ISAKOV, A.A. (Kemerovskaya oblast'); ZHURGARAYEV, Amangel'dy (Dzhambul'skaya obl., KazSSR); VLADIMIROV, A. (Asbest); FRIMAN, L.I. (Yaroslavl'); KILIMNIK, Ya.Ye. (Vinnitsa); TEREKHOV, I.A. (Skopin); AKDAULETOV, N.A. (pos.Mertuk. KazSSR); ZAKHARKIN, V.Ye. (pos.Rudtsev, Tul'skaya oblast'); SHESTOPAL, G.A. (Moskva); KOTIY, O.A. (Yaroslavl'); GAUKHMAN, V.A. (Moskva); LOPSHITS, A.M. (Yaroslavl'); SERGUSHOV, S.A. (Yaroslavl'); GOTMAN, E.G. (Pechora); VETROV, K.V. (Putintsevo, Vostochno-Kazakhstanskoy obl.); MIKHELEVICH, Sh.Kh. (Daugavpils); SKOPETS, Z.A. (Yaroslavl'); RYBAKOV, L.M. (Yaroslavl'); CHEGODAYEV, A.I. (Gavrilov-Yam)

Problems. Mat.v shkole no.6:85-92 N-D '62. (MIRA 16:1)
(Mathematics--Problems, exercises, etc.)

GOL'DBERG, V.V.; GAUKHMAN, V.A.

One class of conjugate harmonic Wilczynski nets. Vest.Mosk.un.-
Ser.1:Mat., mekh. 17 no.2:14-19 Mr-Ap '62. (MIRA 15:6)

1. Kafedra differentsial'noy geometrii Moskovskogo universiteta.
(Geometry, Differential)

GAUKHMAN, V.A.

Affine connectivities on manifolds of nearly complex structure.

Dokl. AN SSSR 142 no.4:778-780 F '62. (MIRA 15:2)

1. Predstavleno akademikom P.S.Aleksandrovym.
(Geometry, Differential)

GAUKHMAN, V.A.

Symmetric almost simplex affine connectivities on Hermitian manifolds. Dokl. AN SSSR 146 no.2:277-280 S '62. (MIRA 15:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavleno akademikom P.S. Novikovym.
(Calculus of tensors)

SHEYNBERG, Yu.G.; GAUKHMAN, Ye.L.

Strontium crackled glaze. Stek.i ker. 19 no.5:24-26 My '62.
(MIRA 15:5)

(Glazes)
(Strontium)

GAUKHMAN, Z. S.

GAUKHMAN, Z. S.

Gaukhman, Z. S. "Algae flora of the reservoirs of the Samr River valley in connection with their distribution in different terraces of the valley," (From material of 1939-40), Nauch. zapiski (Dnepropetr. gos. un-t), Vol. XXXII, 1940, p. 115-26 - Bibliog: 46 items

SO: U-3950, 16 June 53, (Leto is 'Zhurnal 'nykh Statey, No. 5, 1949).

GAUKHMAN, Z.S.

Phytoplankton and phytobenthos of the Psel River and reservoirs along its course. Nauch.dokl.vys.shkoly; biol.nauki no.1:84-87 '59. (MIRA 12:5)

1. Rekomendovana kafedroy gidrobiologii Dnepropetrovskogo gosudarstvennogo universiteta im. 300-letiya vossoyedineniya Ukrainy s Rossiyey.
(PSRL VALLEY--ALGAE)

GAUKHMAN, Z.S., kand.biologicheskikh nauk

Phytoplankton and phytobenthos in the middle reaches of the Dnieper
River and its tributary system (from Kremenchug to Dneprodzerzhinsk).
Vest. Dnep. nauch.-issl. inst. gidrobiol. 12:35-58 '60.

(MIRA 14:12)

(Dnieper Valley --Fresh-water flora)

GAUKHMAN, Z.S.; RYABOV, F.P.

Interrrelations between blue-green algae and bacteria in the middle
course of the Dnieper River and in Dnieper Reservoir. Vop. ekol.
5:33-35 '62. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut gidrobiologii Dnepropetrovskogo
universiteta, Dnepropetrovsk.
(Dnieper River--Phytoplankton)

GAUL, M.T.

Calculation of the water balance of clouds. Trudy GGO no. 176:130-
133 '65. (MIRA 18:8)

SICHER, J.; CHEREST, M.; GAULT, Y.; FELKIN, H.

CSSR

no academic degrees indicated

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague, and C.N.R.S. Institute for Chemistry of Raw Materials (Institut des Substances Naturelles), Gif-sur-Yvette, France (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 1, 1963, pp 72-81.

"Stereochemical Studies, XXV.
Diastereoisomeric 6-Hydroxyphenyl and 7-Hydroxyolefin Derivatives:
Assignment of Configuration by Spectroscopic Intramolecular Hydrogen
Bond Determination"

(4)

GAUMENKO, E. A.

"Atomic Energy and Its Utilization" (booklet)

DOSAAF Printing House, 1954.

GAUMIN, I.M.

VALITSKIY, I.V., redaktor; IOANNESYAN, R.A., redaktor; KOPYSITSKIY, P.I.,
redaktor; GAUMIN, I.M., redaktor; TROFIMOV, A.V., tekhnicheskii
redaktor.

[Improving the quality of cutting bits; collection of articles]
Povyshenie kachestva izgotovleniia sharoshechnykh dolot; sbornik
statei. Moskva, Gos.nauchno-tekhn.izd-vo neftianoi i gorno-toplivnoi
lit-ry, 1954. 93 p. (MLRA 8:4)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut mekhani-
zatsii i organizatsii truda v neftyanoy promyshlennosti. Byuro tek-
niko-ekonomicheskoy informatsii.
(Boring machinery)

SUKSOV, G.I., inzh.; SEMENOV, L.I., inzh.; GAUN, V.A., inzh.

New, highly efficient, M48 air drills. Gor. zhur. no.9:
47-18 S '64. (NIRA 17:12)

1. Sibirskoye otdeleniye AN SSSR, Novosibirsk.

CZECHOSLOVAKIA

LORENZ, W; GAUNITZ, U

Institute of Physical Chemistry (Physikalisch-chemisches Institut) University of Leipzig, German Democratic Republic - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 3, March 1966, pp 1389-1391

"On the charge distribution in the π -electron system of the Hg bond; partial transition of charge during adsorption of 1,4-benzohydroquinone on a mercury drop electrode."

GAUPT, G.A.

GELLER, S.B., kandidat tekhnicheskikh nauk [deceased]; GAUPT, G.A.,
inzhener.

Peat excavator for non-electrified peat enterprises. Torf.
prom. 32 no.1:13-14 '55. (MLRA 8:3)

1. Ukrnimesttoprom.
(Peat machinery)

GAUPT, G.A., inzh.

SNN-16 and PNS-840 mobile pumping stations. Mashinostroenie
no.1:75-76 Ja-F '63. (MIRA 16:7)

(Pumping stations)

MISHKOVICH, Mikhail' Iosifovna, kandi. tekhn.nauk; GANFMAN, Albert
Genrikhovich, inzh.; GARSHIN, Anatoliy Petrovich, inzh.;
GORBATSKAYA, Rozaliya Lazarevna, inzh.; SOKOLOV, A.N., red.

[Technology of the oxidation and heat treatment of electrical
steel and magnetic circuit cores] Tekhnologiya oksidirovaniia i
termicheskoi obrabotki elektrotekhnicheskoi stali i serdecnikov
magnitoprovodov. Leningrad, 1964. 26 p.
(SIA 17:9)

GAUPTMAN, Ye.I., inzh.; KIN, A.M., inzh.

Rapid shaft supporting. Shakht. stroi. 6 no.10:26-28 0
'62. (MIRA 15:9)

1. Belorusskoye stroitel'noye shakhtoprokhodcheskoye upravleniye
tresta Shakhtspetsstroy.

(Mine timbering)

S/137/62/000/004/010/201
A006/A101

AUTHORS: Gauptman, Z., Katser, Ya., Gemperle, R.

TITLE: Growing of filiform cobalt crystals and some results of their physical investigation

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 19, abstract 4A99 (V sb. "Rost kristallov, v. 3", Moscow, AN SSSR, 1961, 159 - 166, Discuss. 214 - 218)

TEXT: Filiform Co crystals were grown by reduction of analytically pure dehydrated Co bromide with hydrogen, refined of O_2 . The process is carried out on a special device. The optimum temperature for Co crystal growth is 750 - 760°C, and the necessary rate of H_2 flow varies within 0.4 - 0.8 cm/sec. The filiform crystals obtained have a thickness from a few μ to 100 μ and a length of a few millimeters. On the crystals obtained, the domain structure was studied. It was established that the surface structure of domains was extremely complex; this is in contradiction to theoretical concepts. However, the surface domain structure is exclusively regular. A passage of domains from one to

Card 1/2

Growing of filiform cobalt...

S/137/62/000/004/010/201
A006/A101

the other side of crystals is observed. A brief review is given of the properties of filiform crystals, the mechanism of their growth and methods of growing.

V. Zemskov

[Abstracter's note: Complete translation]

Card 2/2

MAL'MGREN, B.; RAYEVSKAYA, Ye.; SHEKHTER, I.Yu., red.; GAUS, A.L.,
izdat.red.; NATAPOV, M., tekhn.red.

[Collection of exercises in translating German scientific
and technical literature] Sbornik uprazhnenii po perevodu
nemetskoj nauchno-tekhnicheskoi literatury. Izd.2. Moskva,
Izd-vo lit-ry na inostr.iazykakh, 1959. 189 p.

(MIRA 12:7)

(German language--Translating)
(Science--Translating)

GAUS, B.

10

Reference: Journal of Applied Mathematics, 10, 11, 1953

1. The activity of the enzyme phosphorylase kinase (EC 2.7.1.3) is regulated by the phosphorylation of the enzyme. The phosphorylation of the enzyme is catalyzed by the enzyme phosphorylase kinase (EC 2.7.1.3) and is inhibited by the enzyme phosphorylase kinase (EC 2.7.1.3).

2. The activity of the enzyme phosphorylase kinase (EC 2.7.1.3) is regulated by the phosphorylation of the enzyme. The phosphorylation of the enzyme is catalyzed by the enzyme phosphorylase kinase (EC 2.7.1.3) and is inhibited by the enzyme phosphorylase kinase (EC 2.7.1.3).

3. The activity of the enzyme phosphorylase kinase (EC 2.7.1.3) is regulated by the phosphorylation of the enzyme. The phosphorylation of the enzyme is catalyzed by the enzyme phosphorylase kinase (EC 2.7.1.3) and is inhibited by the enzyme phosphorylase kinase (EC 2.7.1.3).

4. Procedure and Details for the Calculation of the Value of $\frac{dP}{dt}$ for the Enzyme Phosphorylase Kinase (EC 2.7.1.3).

-- 1/1 --

GAUS, G.P. (Moskva)

Exhibition of socialistic technology. Fiz.v shkole 16 no.4:
14-25 J1-Ag '55. (MLRA 9:9)
(Moscow--Engineering--Exhibitions)

GAUS, G.P.

School of progressive technology and industrial practice. Priroda
45 no.12:58-67 D '56. (MLBA 10:2)
(Moscow--Exhibitions)

GERO, Sandor, Dr.; ROHNY, Belahe, Dr.; GAUS, Jangs, Dr.

Antilipemic effect of heparin. II. Changes of lipid concentration and lipase activity; problems of the reversibility of heparin action. *Magy. belorv. arch.* 11 no.1:29-33 Feb 58.

1. A Budapesti Orvostudományi Egyetem III sz. Belklinikájának (igazgató: Gomori Pál dr. Egyetemi tanár, a MTA lev. tagja) közleménye.

(HEPARIN, eff.

on blood lipids & tributyrinase activity, reversibility of actions by protamine (Hun))

(LIPIDS, in blood

eff. of heparin, reversibility of action by protamine (Hun))

(LIPASES, in blood

tributyrinase, eff. of heparin on actions & reversibility of heparin eff. by protamine (Hun))

(PROTAMINES, eff.

reversion of heparin action on blood lipases & tributyrinase activity (Hun))

GAUSE)

✓ Measurement of blast volume in the cupola. Z. Gause (*Soviet J. Appl. Phys.*, 1953, 3, 388-391).—The primary dynamical equations for blast flow through tubes, and determination and measurement of the average flow rate are established. Methods of measurement by the Prandtl tube, nozzle, and diaphragm, and the conditions and determination of the coeff. for calculation of blast vol., are described. Measurement of small differential pressures with the micromanometer is also described.
J. S. C.

GAUSE, Z.

Utilization of shavings.

p. 453 (Strojirenska Vyroba. Vol. 5, no. 10, Oct. 1957, Praha, Caechoslovakia)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,
February 1958

GAUSER, Janos

The role of film in technical education. Musz elet 16 no.17:4 Ag '61.

(Motion pictures) (Technical education)

GAUSER, Karoly

New thoughts on the origin of the solar system. Elet tud 15
no.47:1475-1477 20 N '60.

1. Urania Csillagvizsgalo munkatarsa.

*

GAUSER, Karoly

Our present knowledge of Venus. Term tud kozl 5 no.3:98-101 Mr '61.

1. Tudomanyos Ismeretterjeszto Tarsukat Urania Bemutato Csillag-
vizsgalojanak munkatarsa, Budapest.

BARNA, Iajos (Jr); GAUSEK, Karoly

Is there any water on the moon: Elet tud 16 no.46:1464-1466 12 H '61.

1. Tudományos Ismeretterjeszto Tarsulat Urania Csillagvizsgalo munkatarsa.

BARTHA, Lajos, Jr.; GAUSER, Karoly

Correlation between meteoric dust and precipitation. Időjaras 65
no.2:119-120 Mr-Apr '61.

GAUSER, Karoly

A telescope's way from a world exhibition to a storeroom. Supplement:
Tarkatudomány 3 no. 7:49-50. Ap '62 (FSW)

GAUSER, Karoly

Average velocity of the rotation of planets. Magy fiz folyoir 11
no.1:19-20 '63.

1. Ürania Csillagvizgalo, Budapest.

GAUSER, Karoly

The first Hungarian planetarium. Fiz szemle 13 no.1:27-29
Ja '63.

1. Urania Csillagvizsgalo munkatarsa.

GAUSER, Karoly

Relativistic perihelion movement of planets. Fiz szemle 13 no.2:
63-64 F '63.

1. Tudományos Ismeretterjesztő Társulat "Urania" Csillagvizsgálója.

GAUSER, Karoly

The 2d orbit of the Mariner and some measuring data. Fiz
szemle 13 no.12:387-388 D'63.

GAUSER, Karoly

Water vapor content of the atmosphere of Mars. Term tud
kozl 8 no.1841 Ja'64.

GAUSER, Karoly

Relativistic perihelion movement of planets. Fiz szemle 14
no. 2: 64 F '64.

GAUSER, Karoly

Some elementary problems on the celestial mechanics of
space flights. Fiz szemle 14 no.4:127-128 Ap '64.

MKRTUMYAN, A., kand. tekhn. nauk; GAUSINSKIY, N., inzh.

Casting large-panel products in molds. Zhil. stroi. no.1:6-8
'59. (MIRA 12:10)

1. Glavnyy inzhener zavoda No.12 Glavmosstroymaterialov (for Mkrtumyan).
(Concrete slabs)

KLIMONKO, E. I.; GAUSSMAN A. I.

Technology

Literature on the technological progress of Soviet industry. Reviewed by. Sov. kniga No. 2, 1953.

Monthly List of Russian Acquisitions, Library of Congress, June 1953. Uncl.

GAUSMAN, B.A.

Antibiotic treatment of experimental appendicular infiltrates.
Eksp. khir. i anest. 7 no.6:54-56 N-D '62.

(MIRA 17:10)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.Ye. Ma-
tsuyev) Ryazanskogo meditsinskogo instituta imeni Pavlova.

GAUSMAN, Irena (Varshava).

Present day status of neuropathology in Poland. Zhur.nevr.i psikh.
54 no.2:196-202 F '54. (MLRA 7:3)
(Poland--Neuropathology) (Neuropathology--Poland)

GANS AN, I.V.

GUBWIN, I.V. "The Biological significance of the 3rd layer in the
Culicoides of 3rd layer." All-Union Conference of the
of Agricultural Sciences and V.I. Lenin. All-Union Inst
of Plant Growing. Leningrad, 1956. (Dissertation for
the Degree of Candidate in Biological Sciences)

See: Kishnaya Leteria, No. 18, 1956,

TER-AVANESYAN, D.V.; GAUSMAN, I.V.

Biological importance of cotyledon leaves in the ontogenesis
of the cotton plant. Dokl. AN SSSR 109 no.5:1045-1048 Ag. 1956.
(MIRA 9:10)

1. Vsesoyuznyy institut rasteniyevodstva. Predstavleno akademikom
A.L. Kursanovym.
(Cotton) (Ontogen (Botany))

GAUSMANOVA, I.; VARETSKAYA, K.; MAYKOVSKIY, Ye.

Use of the adrenocorticotrophic hormone in neuropathological clinical practice. Zhur.nevr. i psikh. 56 no.4:288-293 '56. (MLRA 9:7)

1. Klinika nervnykh bolezney Varshavskoy meditsinskoy akademii
(NERVOUS SYSTEM, diseases,
ther., ACTH (Rus))
(ACTH, therapeutic use,
nervous system dis. (Rus))

~~_____~~
SAPER, Ye.; GAUSMANOVA, I.

Effects of ACTH on experimental affections of the nervous system in laboratory animals [with summary in French]. Zhur.nevr. i psikh. 57 no.2:172-178 '57. (MLRA 10:6)

1. Klinika nervnykh bolezney Varshavskoy meditsinskoy akademii.
(ENCEPHALOMYELITIS, exper.
demyelinizing, eff. of ACTH)
(ACTH, eff.
on exper. demyelinizing encephalomyelitis)

GRABIN, V. [Graban, W.]; GAUSMANOVA-Petrusevich, I.; SYROINSKAYA, P.

Cerebroencephalography in the diagnosis of cerebrovascular diseases.
Med. rad. 10 no.1:12-14 Ja '65. (MIRA 18:7)

1. Laboratoriya radioaktivnykh izotopov kafedry meditsinskoy radiologii i klinika nervnykh bolezney Meditsinskoy akademii (zav. - prof. I. Gausmanova-Petrusevich). Varsnava.

GAUSS, K. F.

DECEASED

GEODESY AND GEOPHYSICS

SEE ILC

AUTHOR: Gausser, K. 74-27-4-2/8

TITLE: Electron- and Nuclear Resonance as a Method of Investigating Molecule Structure (Elektronnyy i yadernyy rezonans kak metody issledovaniya stroeniya molekul)

PERIODICAL: Uspekhi Khimii, 1958, Vol. 27, Nr 4, pp. 403-430 (USSR)

ABSTRACT: This is an abridged translation from the German language, published in: Angew. Chemie, 68, 728 (1956). The translation is by V.M.Kazakova; it was edited by M.Ye.Dyatkina. There are 18 figures, and 74 references, 15 of which are Soviet.

1. Molecular structure--Analysis 2. Resonance--Applications

Card 1/1

GAUSTOV, I.

6-10-12/12

AUTHOR: None given
TITLE: Bibliography (Bibliografiya)
PERIODICAL: Geodeziya i Kartografiya, 1957, Nr 10, pp 79-80 (USSR)

- ABSTRACT:
- GAUSTOV, I.
- 1.) Gauss, K. F. "Selected Geodetical Works", Vol. I, 1957, 152 pages.
 - 2.) Gaustov, I. "A Daring Research Mountaineer", 1957, 55 pages. Biography of Andrey Vasil'yevich Pastukhov (1858-1899), who climbed the Kazbek in 1889, the Elbrus in 1890 and 1896, and the Ararat in 1893.
 - 3.) Gedymin, A. V. "Methodical Indications for the Cartographical Course for the 1. Semester of the Geographical Department of Universities."
 - 4.) Yevseyev, S.V. "On Some Regularities of the Field of Gravitation of the Earth and its Importance for Geodesy and Geophysics", 1957, 72 pages, Kiyev, price Roubles 3,80, edition 1500.
 - 5.) Committee for Geodesy and Geophysics: Basic theses of the reports presented at the XI General Assembly of the International Union for Geodesy and Geophysics. International Association for Scientific Hydrology of the AN USSR, 1957, 103 pages.
 - 6.) Works of the Institute for Geodesic-, Air Survey-, and Cartographical Engineers of Novosibirsk, Vol. VIII, 1957, 121 pages.

Card 1/2

Bibliography

6-10-12/12

- 7.) Works of the Central Scientific Research Institute for Geodesy, Air Survey, and Cartography, fasc. 109. Album of cartographical types of letters, 1957, 192 pages, Roubles 16.-, edition 1000.
- 8.) Zaitov, I. R., Indichenko, I. G. "Stereoscopic Cameras for Purposes of Measuring". Periodical for scientific and applied photography and cinematography, Vol. 2, fasc. 3, 1957, pp 212-218.
- 9.) Lapkina, N. A. "The First Russian Hypsometrical Geographical Maps". Scientific remarks of the Moscow Municipal Institute for Pedagogics imeni V. P. Potemkin, Vol. 66. Works of the Geographical Department fasc. 5, pp 149-158.

AVAILABLE: Library of Congress
Card 2/2

1. GAUSTOV, I. K.
2. USSR (600)
4. Trees
7. New data on the germination of tree seeds, Priroda, 42, No. 4, 1953.

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

GAUSZ, J.

How the oscillator with a cathode connection functions, p. 101,
RADIOTECHNIKA, (Magyar Onkentes Honvedelmi Szovetseg) Budapest,
Vol. 5, No. 5, May 1955

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

GAUSZ, J.

Demonstrator, p. 102, *RADIOTECHNIKA*, (Magyar Onkentes Honvedelmi Szovetseg) Budapest, Vol. 5, No. 5, May 1955

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

CAUSE, C.

CAUSE, C. (continued) as with a three- digit contact. (to be used,) . 4.
in the control of mod 2 airplanes. In from the location. 1. 4.

Vol. 6, No. 2, Jan. 1976
UNITED STATES
FEDERAL BUREAU OF INVESTIGATION
Washington, D.C.

See also the report in Appendix, of. , 19. , 1. 1976

GAUSZ, J.

Oscillators with a three-point contact. (to be contd.) p.27.
RADIOTECHNIKA. (Magyar Cnkentes Honvedelmi Szovetseg) Budapest.
Vol 6, no. 2, Feb 1956.

SOURCE: EEAL, Vol 5, nol.7, July 1956.

BEGEMAN, F.; BUTTLAR, N.; GAUTERMANS, F.; ISAAK, N.; PICCHIOFFO, Ye.

New method for determining the age of uranium minerals by means of
the lead method. *Biul.Kom.po opr.abs.vozr.geol.form.no.1:80-85 '55.*
(MIRA 9:10)

(Uranium--Decay)

GAUTSCH, O.

Electrographich canlysis and spot reactions of some steels.
p. 29. NOVA PROIZVODNJA. (Uprava za napredek v proizvodnji)
Ljubljana. Vol. 7, no.1, Mar. 1956

SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

GAUTSCH, O.

Rapid identification of steel by means of electrographic and
microchemical analysis. p. 1157. TEHNKA (Savaz inženjera i tehnicara
Jugoslavije) Beograd. Vol. 11, no. 8, 1956.

SOURCE: East Europe Accession List (EEAL),
Library of congress, Vol. 5, no. 11, 1956 Nov.

GAUTSCH OTMAR

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Corrosion. Protection from Corrosion H-4

Abs Jour : Ref. Zhur. - Khimiya, No 2, 1958, No 5024

Author : Gautsch Otmar

Inst : Not Given

Title : Corrosion Tests of Stainless Steels

Orig Pub : Nova proizvodnja, 1957, 8, No 3-4, 215-216

Abstract : A review of the principal methods.

Card : 1/1

~~*OTMAR*~~ *Gautsch, O.*

YUGOSLAVIA / Chemical Technology. - Corrosion. Protection from Corrosion. - Chemical Products and Their Application. Part 1. H-4

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11682.

Author : Otmar Gautsch.

Inst : Not given

Title : Some Data Concerning Corrosion of Chemically Stable and Heat Resisting Steels.

Orig Pub : Nova proizvodnja, 1957, 8, No 3-4, 217 - 221.

Abstract : Experimental data concerning steel corrosion in salt and sweet water and at some temperatures under various conditions. The influence of the thermal treatment and alloyed admixtures on the corrosion resistance, as well as the connection between the

Card 1/2

YUGOSLAVIA / Chemical Technology. - Corrosion. Protection from H-4
Corrosion. Chemical Products and Their Application.
Part 1.

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11682.

Abstract : steel potential and the corrosion resistance of the steel
are discussed. Data concerning scale formation on heat
resisting steels are presented.

Card 2/2

GAUTSCH, O.

"Testing the application of mathematical statistics for the determination of the uniformity of the constitution of refined steel."

p. 312 (Nova Proizvodnja) Vol. 8, no. 5/6, 1957
Ljubljana, Yugoslavia

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

GAUTSCH O.

YUGOSLAVIA/Analytical Chemistry - Analysis of Inorganic Substances.

E.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28499

Author : Korosin, J. and Gautsch, O.

Inst : -

Title : The Photometric Determination of Vanadium and of Titanium in Steel Alloys.

Orig Pub : Rud 1 Metalurg, 8, No 12, 287-290 (in Slovene with an English summary), 1957

Abstract : Photometric methods for the determination of V and Ti in little-alloyed Cr-W steels and in highly-alloyed Cr-Ni steels are discussed. Particular attention is paid to questions related to the interfering effects of other elements and to the construction of calibration charts. Experimental data are included to illustrate the text.

Card 1/1

YUGOSLAVIA / Chemical Technology, Chemical Products and H
Their Application. Corrosion. Corrosion Control:

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 42717.

Author : Gautsch-O.

Inst : Not given.

Title : Effect of Electrolytic and Chemical Polishing on
the Corrosion Resistance of Aluminum.

Orig Pub: Nova proizvodnja, 1958, 9, No 3, 164-167.

Abstract: Investigations were conducted on a sample of Al ..
containing (in %): Fe-0.12; Si-0.098; Cu-0.007; Ti
and Na-0.01; Mg, Mn, Zn - Traces. Samples - plates,
having 64 cm² area, were scratched with emery paper
and then polished. The rate of corrosion was mea-
sured in mkg/m² hour. It was established that the
greatest corrosion resistance (60 mkg/m² hr) attained
was of samples polished chemically in a solution

Card 1/2

YUGOSLAVIA / Chemical Technology. Chemical Products and H
Their Application. Corrosion. Corrosion Control.

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 42717.

Abstract: having the following composition (in ml): H_2SO_4 (conc.) - 450; H_3PO_4 (conc.) - 450; HNO_3 (conc.) - 100 and conducted at $117-123^\circ$, of 15 minutes duration, and while the mixture was vigorously agitated. Of the samples polished electrolytically, the highest corrosion resistance ($90 \text{ mkg/m}^2 \text{ hr.}$) was one polished in the solution of the following composition (in %): H_2SO_4 (conc.) - 70; H_3PO_4 (conc.) - 15; HNO_3 (conc.) - 15; $D_a = 20 \text{ a/d m}^2$; voltage - 4 to 5 volts; temperature of $95 \pm 4^\circ$; and 20 minutes time.

Card 2/2

H-7

GAUTSCH, O.

Contribution to the electrochemical measurement of the corrosion of aluminum in neutral solutions of potassium chloride. p. 284.

Periodical: NOVA: PROIZVODNJA.

Vol. 9, no. 4/6, 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

YUGOSLAVIA/*Analytic Chemistry. Analysis of Inorganic Substances.*

E

Abs Jour: Ref Zhur-Khin., No 23, 1958, 77296.

Author : Gautsch Othmar.

Inst : _____

Title : Experiments with Carbon Determination in Steel by Coulo-Potentiometric Method.

Orig Pub: Tehnika, 1958, 13, No 3, Rud. i metalurg., 9, No 3, 68-69.

Abstract: The possibility of using Strohlein's coulo-potentiometer for the determination of C in steel was studied; CO_2 , separating at the combustion of of the analyzed steel, is absorbed in the cell by $\text{Ba}(\text{OH})_2$ producing BaCO_3 . The necessary $\text{Ba}(\text{OH})_2$ is prepared by electrolyzing BaCl_2 , and its con-

Card : 1/2

SMITH, O.; KAROSIN, J.

Technical analysis of generator gases. p. 292.

NOVA ZADIVOLNJA. (Zveza drustev inženirjev in tehnikov LND) Ljubljana, Yugoslavia, Vol. 10, no. 5, 1959.

Monthly List of West European Accessions (Annals, IC, Vol. 9, no. 1, Jan. 1960.

incl.

S/137/62/000/001/170/237
A006/A101

AUTHORS: Sunderman, H., Gautsch, O.

TITLE: Review of latest achievements in phase analyses of steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 71, abstract 1I501
("Rud. - metal. zb." 1960, no. 4, 375-382, Slovenian, German
summary)

TEXT: The authors discuss direct and indirect methods of phase analysis of steel; electrolytic and potentiostatic singling-out of phases; methods of singling-out oxides, sulfides, nitrides, carbides and other phases. Latest studies performed in the USSR, are discussed in detail. There are 43 references.

M. Guterman

[Abstracter's note: Complete translation]

Card 1/1

S/081/62/000/009/012/075
B158/B101

AUTHOR: Gautsch, O.

TITLE: The kinetics of spontaneous precipitation of protactinium on lead

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 9, 1962, 53-54, abstract 9B347 (Vestn. Slov. kem. društva, v. 7, nos. 3-4, 1960, 87-90)

TEXT: The kinetics of precipitation of Pa^{234m}, formed from Th²³⁴, on a Pb surface were investigated. The rate constant found for the precipitation (0.33 min^{-1}) is near to the constant of radioactive decay of Pa (0.58 min^{-1}). Maximum activity on the surface is reached in 11.6 min. The mean rate for colloidal particles of Pa in the diffusion layer is 0.04 cm/min. [Abstracter's note: Complete translation.]

Card 1/1

BAKULIS, I.P., dotsent; GAUYEN, Ya.K. [Gaujens, J.]

Contemporary tactics of pediatricians and surgeons in treating empyema in children. *Pediatriia* 4 no.7:38-40 JI'63

(MIRA 16:12)

1. Iz kafedry operativnoy khirurgii (zav. - zasluzhennyy deyatel' nauki Latvyskoy SSR prof. A.P.Biyezin' [A.Biezins]) Rizhskogo meditsinskogo instituta i khirurgicheskogo otdeleniya (nauchnyy konsul'tant - prof. A.P.Biyezin' [A.Biezins]) Rizhskoy gorodskoy detskoy klinicheskoy bol'nitsy (glavnyy vrach T.R.Chems).

GAUJERS, Vilis; KLAVINS, E., red.; DUNAISKIS, Z., tekhn. red.

[Potato varieties] Kartupelu skirnes. Rīga, Latvijas Valsts
izdevniecība, 1962. 103 p. (MIRA 16:5)
(Latvia--Potatoes--Varieties)

L 17229-63

BDS/EPA(b)/EWT(1)/FGG(w)/FS(v)-2/ES(v)--AEDC/AFFTC/
AFMDC/APGC/SSD/ESD-3--Pp-4/Pg-4/Po-4/Pq-4/Pd-4--VH/GW

ACCESSION NR: AT3006838

S/2560/63/000/016/0057/0067

AUTHOR: Gaushus, E. V.

92
85

TITLE: Investigating a certain mode of self-induced oscillation of a spaceship

SOURCE: AN SSSR. Iskusst. sputniki Zemli, no. 16, 1963, 57-67

TOPIC TAGS: self induced oscillation, planar oscillation, spaceship oscillation, spaceship directional stability control, impulse type control system, automatic control system

ABSTRACT: Planar self-induced oscillations of an impulse-type automatic system for stability control of spaceship motion is discussed. It is assumed that the directional-deviation sensor of the spaceship has a dead zone on whose boundaries constant-intensity short-duration control impulses are produced by arbitrarily chosen servos. The perturbation moments acting on the vehicle in flight are of constant magnitude and direction. The structure of a cycle in the perturbed motion is discussed, and the number of impulses in a cycle is determined. Exact solutions are obtained for the period

Card 1/12

L 17229-63

ACCESSION NR: AT3006838

7

of self-induced oscillations and for the amount of energy required to produce impulses. It is shown that the time of the cycle (the period) is completely determined by the magnitude of the perturbances and impulses and does not depend on initial conditions or on the range of the dead zone. The dependence of the energy consumption on perturbances is represented by a discontinuous function; in the case of steady perturbances, the consumption becomes quantized. The domains of quantized states of the control system are given in a diagram from which the exact value of energy required can be determined. All solutions are obtained in a nondimensional form and are thus suitable for any system of the type discussed. "The author makes use of the opportunity to express his gratitude for much valuable advice and discussions to B. V. Raushenbakh, B. P. Skotnikov, I. P. Shmyglevskiy, Yu. N. Zybin, A. D. Sverchkov, and V. S. Semyachkin, as well as to V. S. Ageycheva for help in arranging the article." Orig. art. has: 3 figures and 38 formulas.

ASSOCIATION: none

Card 2/2

GANZE, G. F.

"Artificial Symbiosis", (p. 199)

"New Research in Chemical Embryology", (p. 200) by Ganze, G. F.

SO: Advances in Contemporary Biology (USPEKHI SOVREMENNOI BIOLOGII) Vol. V, No. 1 1936

GAUZE, G. F.

"Studies on the asymmetry of protoplasm." Institute of Zoology, Moscow State University.
(p. 1011) by Gauze, G. F.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 6

The spatial structure of protoplasm. G. F. Gauze.
Dokl. Akad. Nauk SSSR, 1937, 10, 101-103 (1937).
 A review with 213 references. T. Laanes

On the dissymmetry of protoplasm. G. F. Gauze.
Dokl. Akad. Nauk SSSR, 1937, 10, 295-301 (in
 English 302) (1937).—Various species of infusoria were
 exposed to the action of *d*- and *l*-cinchonine sulfate in
 concns. of 0.005-0.25%. The time between the beginning
 of exposure and the death of animals was measured.
 From the distances between logarithmic curves of the
 concns. plotted against the survival time, a value $\log \alpha$ was
 calculated, indicating the "spatial characteristics" (I) of the
 effect produced by the 2 isomers. There is a difference in
 abs. values of the effect of the latter, while the dynamics of
 injury to the protoplasmic processes is identical. The
 same link in the chain of these processes is acted upon, but
 in different spatial directions. This leads to the establish-
 ment of a "spatial configuration" of the corresponding pro-
 toplasmic link. The I of the 9 species studied belong to 2
 distinct types: with $\text{av. } \alpha = 1.95$ and 1.25, resp. Addn.
 of *d*-histidine to yeast (*Torula utilis*), previously cultivated
 on a $(\text{NH}_4)_2\text{SO}_4$ medium, reduces the CO_2 output more than
l-histidine does. T. Laanes

CENTRAL ELEMENTS
 MATERIALS INDEX
 ASS. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION
 22

GAUSE, G. F.

"Genetics and ecology on the theory of natural selection." (p. 186) by Gause, G. F.

SO: Advances in Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. VI, No. 1 1937

GAUSE, G. F.

"Physiological variation of pine and its relation to climate." (p. 365) by Gause G. F.

SC: Advanced in Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. VI, No. 2 1937

GAUSE, G. F.

GAUSE, G. F.

"The problem of asymmetry of protoplasm." (p. 1)

"Bureau of animal populations." (p. 147) by Gause, G. F.

10: Advances in Contemporary Biology (Uspokhi Sovremennoi Biologii) Vol. VII, No. 1,
1967.