PETROV-MASLAKOV, M.A.; ZACHEPITSKIY, R.A.

[Psychoprophylaxis of labor pains] Psikhoprofilaktika rodovykh bolei; materialy k zaniatiiam s beremennymi zhenshchinami. [Leningrad] Medgiz, 1953. 117 p. (MLRA 9:7)
(CHILDBIRTH--PSYCHOLOGY)

ZACHEPITSKIY, R.A.

Association of sleep therapy and psychotherapy in clinical neuroses. Zhur.nevr.i psikh. 54 no.5:431-435 My '54. (MLRA 7:6)

1. Klinika nevrozov i pogranichnykh sostoyaniy Psikhonevrologicheskogo instituta imeni V.M.Bekhtereva.

(NEUROSES, therapy,
*psychother. with sleep ther.)
(SLEEP, therapeutic use,
*neuroses, with psychother.)
(PSYCHOTHERAPY, in various diseases,
*neuroses, with sleep ther.)

ZACHEPITSKIY, R.A.; YAKOVLEVA, Ye.K.; CHASOV, V.A.

Group psychotherapy in alcoholism. Sbor. trud. Len. nauchn. ob-va nevr. i psikh. no.6:11-19 '59. (MIRA 13:12)

1. Iz kliniki nevrozov i pogranichnykh sotsoyaniy Instituta imeni V.M. Bekhtereva (nauchnyy rukovoditel' otdeleniya i direktor instituta - chlen-korrespondent Akademii pedagogicheskikh nauk prof. V.N. Myasishchev.

(ALCOHOLISM) (GROUP PSYCHOTHERAPY)

ZACHEPITSKIY, R.A.; YAKOVLEVA, Ye.K.

Pathogenesis of somatic disturbances in hysteria. Sbor. trud. Len. nauchn. ob-va nevr. i psikh. no.6:178-183 '59. (MIRA 13:12)

1. Iz kliniki nevrozov instituta imeni V.M. Bekhtereva (nauchnyy rukovoditel' i direktor instituta chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N. Myasishchev).
(HYSTERIA)

MYASISHCHEV, V.N.; ZACHEPITSKIY, R.A.; YAKOVLEVA, Ye.K.

Psychotherapy as a basic method in the treatment of neuroses.
Trudy Gos. nauch.-issl. psikhonevr. inst. no.20:277-285 '59.
(MIRA 14:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy psikhonevrologicheskiy institut imeni V.M. Bekhtereva, Leningrad.
(NEUROSES) (PSYCHOTHERAPY)

YAKOVLEVA, Ye.K.; ZACHEPITSKIY, R.A.; CHASOV, V.A.

Group psychotherapy for neurotic patients. Zhur.nerv.i psikh. 59 no.10:1201-1207 '59. (MIRA 13:3)

1.Klinika nevrozov i pogranichenykh sostoyaniy Nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M. Bekhtereva (direktor - prof. V.N. Myasishchev), Leningrad.
(NEUROSES ther.)
(PSYCHOTHERAPY GROUP)

ZACHEPITSKIY, Rafail Aleksandrovich; YAKOVLEVA, Yekaterina Konstantinovna; SHVAREV, A.I., red.; SHEVCHENKO, F.Ya., tekhn. red.

[Role of improper upbringing in the genesis of neuroses] Rol' nepravil'nogo vospitaniia v proiskhozhdenii nevrozov. Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 39 p. (MIRA 14:7)
(NERVOUS SYSTEM—DISEASES) (CHILDREN—MANAGEMENT)

YAKOVLEVA, Ye.K.; ZACHEPITSKIY, R.A.; STRAUMIT, A.Ya.

Relative importance of various methods in the treatment of neuroses. Trudy Gos. nauch.-issl. psikhonevr. inst. no.24:19-25 '61. (MIRA 15:5)

1. Otdeleniye nevrozov i pogranichnykh sostoyaniy Gosudarstvennogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni Bekhtereva.

(NEUROSES)

YAKOVLEVA, Ye.K.; ZACHEPITSKIY, R.A.

Catamnesis of patients with neuroses. Zhur.nevr.i psikh. 61 no.10: 1529-1533 '61. (MIRA 15:11)

1. Klinika nevrozov i pogranichnykh sostoyaniy Nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (dir. prof. V.N.Myasishchev), Leningrad.
(NEUROSES)

ZACHEPITSKIY, R.A. (Leningrad); YAKOVLEVA, Ye.K. (Leningrad)

Psychosomatic interrelations in sexual disorders in neurosis patients. Trudy Gos. nauch. issl. psikhonevr. inst. 29:257-265 '63. (MIRA 17:8)

MARKOVA, Ye.N., otv. red.; AVERBUKH, Ye.S., red.; BLIN[illegible], N.I., red.; BONDAREV, N.I., red.; BORZUNOVA, A.S., red.; ZHNEVICH, G.V., red.; MNUKHIN, S.S., red.; MYASIS[illegible]CHEV, V.N., red.; PERVOMAYSKIY, B.Ya., red.; POVORINSKIY, Yu.A., red.; POLIKARPOV, S.N., red.; SIBIRKIN, N.V., red.; FEDOTOV, D.D., red.; CHISTOVICH, A.S., red.; ZACHEPITSKIY, R.A., red.

[Problems of psychiatry; anniversary collection of articles dedicated to the 60th birthday of Professor Izmail Fedorovich Sluchevskii] Problemy psikhiatrii; iubileinyi sbornik, posviashchennyi 60-letiiu so dnia rozhdeniia professora Izmaila Fedorovicha Sluchevskogo. Leningrad, Meditsina, 1964. 434 p. (MIRA 17:12)

AVERBUKH, Yefim Solomonovich; ZACHEPITSKIY, R.A., red.

[The mind and hypertension] Psikhika i gipertonicheskaia bolezn'. Leningrad, Meditsina, 1965. 174 p. (MIRA 18:2)

MACAK, Jiri; WIMMER, Petr; ZACHER, Jan

Analytic evaluation of the acid component of low-temperature tar from Most lignite, Sbor pal vod VSChT Vol. 5:251-279 '61 [publ, '62].

1. Katedra koksarenstvi a plynarenstvi, Vysoka skola chemicko-technologicka, Praha.

HUDCOVIC, A., Doc.; SKLOVSKY, A.; ZACHER, V.

Secretory activity of the cervical glands during the menstrual cycle. Cesk. gyn. 24[38].no.6:393-398 July 1959

1. II. gyn.-por. klinika UK v Bratislave, prednosta doc. dr. Aurel Hudocovic.

(ENDOMETRIUM, physiol)
(MENSTRUATION, physiol)

ZACHESOV, V.N.

Polytonic signaling system for long distance channels. Elektrosviaz' 11 no.3:59-63 Mr '57. (MLRA 10:5)
(United states--Telephone,Automatic)

BERLIN, R.L.; DOGADKIN, B.A.; ZACHESOVA, G.N.; KOROTKOVA, A.A.; LINICHENKO, A.I.; SHOKHIN, I.A.

Manufacture of spongy goods from latex using water dispersions of rubber. Kauch. i rez. 21 no.8:15-16 Ag '62. (MIRA 16:5)

1. Nauchno-issledovatel'skiy institut rezinovykh i latekspykh\ izdeliy i Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Rubber goods)

ZACHER, Zoltan

My study trip to Bulgaria. II. Konserv paprika no.4:108-112 Jl-Ag '62.

1. Konserv- es Paprikaipari Kutato Intezet.

ZOTOV, V.P.; SILUYANOV, V.G.; GUGINA, Ye.F.; AGERMAN, L.Ya.; ALEKHINA, M.S.; BEZZUBOV, A.D.; BODROV, V.A.; BUDNYY, A.V.; BURTSEV, Ye.L.; VAYNSHTEYN, V.O.; GAVRILOV, A.N.; GORBATOV, V.M.; GRITSENKO, N.N.; DOLGUSHEVA, L.I.; YEDYGENOV, K.Ye.; ZHURAVLEVA, S.S.; ZACHESKIY, Ya.A.; IVKIN, A.P.; IZOTOV, A.K.; IL'INSKIY, N.A.; IRINARKHOVA, A.M.; KARPENKO, A.K.; LYSOGOR, P.M.; LUPISH, A.T.; OLEYNIKOV, V.V.; ORANZHEREYEVA, V.F.; PETROV, N.A.; PYATIBRATOV, M.A.; ROMANOV, A.N.; RAUKE, P.V.; RYZHENKO, L.P.; SEMYKIN, A.A.; SHEFER, A.P.

G.IA.Ivanov; obituary. NTO 4 no.10:39 O '62. (MIRA 15:9)
(Ivanov, Georgii IAkovlevich, 1897-1962)

VLASOVA, K.N.; CHUDINA, L.I.; ZACHESOV, Yu.N.

Low molecular weight polyamide resins. Plast.massy no.2:14-18 '62. (MIRA 15:2)

(Resins, Synthetic) (Polyamides)

DOGADKIN, B.A.; ZACHESOVA, G.N.; ABRAMOVA, Ye.N.; BROKHIN, Yu.N.

Aqueous dispersions of polyethylene. Koll. zhur. 25 no.4: 427-430 Jl-Ag '63. (MIRA 17:2)

S/069/61/023/002/001/008
B101/B208

AUTHORS: Dogadkin, B. A., Zachesova, G. N., and Shokhin, I. A.

TITLE: Preparation and properties of aqueous suspensions of vulcanized natural and synthetic rubber

PERIODICAL: Kolloidnyy zhurnal, v. 23, no. 2, 1961, 150-156

TEXT: The purpose of this study was to investigate the regeneration of used waste rubber by dispersion in aqueous medium. The authors applied the method devised by B. A. Dogadkin and D. M. Pevzner (Ref. 4: Author's certificate nc. 29973, 30/IV 1933), in which an oleophilic emulsifier insoluble in water (atty acid, resinic acid), and then gradually a saponifier (alkali) are added to the hydrocarbon (rubber, plastic, vulcanizate). The reclaimed product is obtained by electrolytic coagulation from the aqueous suspension. The following was studied in the present paper: 1) The effects of the emulsifiers oleic acid, colophony, β-naphthalene sulfonic acid, β-dinaphthyl-methane sulfonic acid and their sodium salts. The optimum dose was 5-10% of the rubber weight. The authors determined the particle size by means of N. A. Figurovskiy's sedimentation balance in coarse dispersions,

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S/069/61/023/002/001/008
B101/B208

Preparation and ...

and by means of an electron microscope in fine dispersions (carried out by S. A. Simanovskaya). The following results were obtained:

Emulsifier	g/100 g rubber	particle radius, μ
colophony	10	0.241
oleic acid	10	0.514
β-naphthalene sulfonic acid	5	2.045
β-dinaphthyl-methane-sulfonic acid	5	3.14
dto.	10	4.41

2) Effect of saponifier:

	NaOH	KOH	KOH	NH_4OH	NH_4OH
concentration, %	5	5	7	5	10
average particle radius, μ	0.24	0.22	0.20	is not dispersed	

No phase inversion (dispersion of the organic phase in water) occurred in NH_4OH owing to its volatility. The same result was obtained for $Na_2B_4O_7$, but this is able to replace 2/3 of the alkali, a particle radius of 0.59 μ being obtained. 3) The concentration of the alkali solution exerted the

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Preparation and ...

following effect on dispersion:

concentration, %	2	5	10
time of dispersion	90	50	35 min
amount (g/100 g rubber) required for phase inversion	67-83	33	25
particle radius, μ	0.249	0.241	0.555.

4) Large particles were formed when the alkali solution was added too quickly (30 min). Slow addition (90 min) gave a fine emulsion. This is stable if the pH of dispersion is not less than 11.5-12.0. 5) The clearance between the rolls had the following effect:

clearance, mm	0.3	0.5	0.8	1.2
particle radius, μ	0.2[illegible]	0.539	0.601	0.785

6)The consumption of electric energy during disperdion is compared in Fig. 6 with the amount required to plasticize the mixture. It decreases after adding the alkali solution, and approaches the no-load consumption during phase inversion. 7) Fig. 7 shows the effect of a plasticizing activator, i.e., Renatsite 2, (a preparation containing 42.5% trichloro thiophenol).

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S/069/61/023/002/001/008
B101/B208

Preparation and ...

8) the behavior of various types of rubber with highly active carbon black as filler was tested on HK (NK, natural rubber); CKИ (SKI, synthetic cis-polyisoprene rubber); CKC-30APM (SKS-30ARM, divinyl styrene rubber), and CKБ (SKB, sodium butadiene rubber). Two groups of samples were used for the purpose: 1) samples prepared according to industrial formulas for tire rubber, 2) samples prepared according to a unified formula so that they differed only in the polymer. Table 3 presents the results. The particle radius was found to depend less on the type of polymer than on the density of the vulcanization network. However, the properties of the reclaimed products obtained by dispersion differ in the individual polymers. The authors will later report on this subject. It is mentioned that the dispersion method described has been used in 1938 at the zavod (plant) "Krasnyy treugol'nik" for the regeneration of used rubber. From 1941 onward, this method has not been applied any longer. Mention is made of F. F. Koshelev and I. A. Tartakovskiy. There are 7 figures, 3 tables, and 7 Soviet-bloc references.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of the Tire Industry)

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S/069/61/023/002/001/008
B101/B208

SUBMITTED: October 26, 1960

Legend to Fig. 6: 1) plasticizing; 2) dispersion; 3) idling; a) power consumption, w; b) min.

Legend to Fig. 7: a) content of Renatsite 2, wt%; b) mean particle diameter, μ.

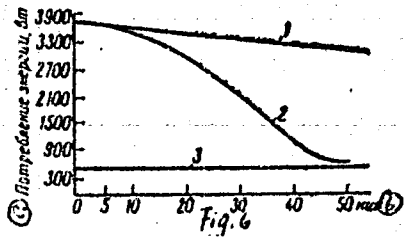

Fig. 6

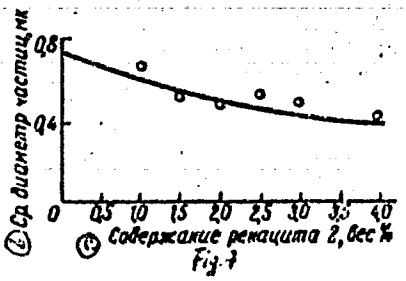

Fig. 7

Preparation and ...

(4) Тип полимера	(2) НК		(3) СКИ		(4) СКС-30АРМ		(5) СКБ	
(6) Группы опытов	1	2	1	2	1	2	1	2
(7) Число узлов в единице объема вулканизата $\times 10^{-6}$, $мл^{-1}$	4,03	4,08	3,99	4,86	1,65	4,01	2,39	4,28
(8) Молекулярный вес участка цепи вулканизата	6000	6000	6350	6450	17 200	7050	11 550	6500
(9) Средний радиус частиц дисперсии, мк	0,428	0,388	0,279	0,362	0,241	0,300	0,270	0,328
(10) Удельная поверхность частиц дисперсии, $м^2/г$	8,16	7,46	8,90	7,45	10,82	8,7	9,86	8,31
(11) Расход энергии на образование единицы удельной поверхности дисперсной фазы $\times 10^{-4}$, $\frac{квт \cdot ч}{м^2/г}$	10,9	—	6,5	—	5,44	—	5,60	—

Legend to Table 3: 1) polymer; 2) NK; 3) SKI; 4) SKS-30ARM; 5) SKB; 6) group of experiments; 7) number of lattice points x 10^9 per unit volume of the vulcanizate, ml^{-1}; 8) molecular weight of the section of the vulcanizate chain; 9) mean radius of disperse particles, μ; 10) specific surface of disperse particles, m^2/g; 11) power consumption per unit of specific surface of the disperse phase x 10^{-4}, kw·hr/(m^2/g).

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B/138/62/000/008/005/007
A051/A126

AUTHORS: Berlin, R. L., Dogadkin, B. A., Zachesova, G. N., Korotkova, A. A., Linichenko, A. I., Shokhin, I. A.

TITLE: Production of foam rubber articles from latex using aqueous rubber dispersions

PERIODICAL: Kauchuk i rezina, no. 8, 1962, 14 - 16

TEXT: A method has been developed for the production of foam rubber articles with partial replacement of the latex by aqueous dispersions of old rubber or waste products from foam rubber production. The technique of old rubber dispersion was developed at the НИИШП (NIIShP), whereby the aqueous dispersion of the rubber is a polydispersed colloidal system. Dispersions prepared with colophony as the disperser and 3% aqueous solution of NaOH, as the soaping agent, were used in developing the production method of the latex mix for the foam rubber articles. The latex mix of the foam rubber, based on "revertex-standard" and СКС-50 ПГ (SKS-50PG) latex, using various types of aqueous rubber dispersions, contained potassium paraffinate, vaseline oil or its emulsion, as the foaming agent, or

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dispersion of vulcanized substances (sulfur, diphenylguanidine, cymate, zinc mercaptobenzothiazol, zinc oxide). The quantity of vulcanizing agents in the mixes was calculated according to the rubber substance of the latex. They also contained a gelatinizing solution (10 - 20% solution of ammonium chloride, 10% solution of ammonia and triethanolamine). The obtained articles met the commercial requirements. The cutting-out process caused no change in the physico-mechanical properties of the foam rubber articles. The latter retain their color when using dispersions produced from foam rubber waste products. It is concluded that by replacing 20 - 30% of the synthetic and natural latex with aqueous dispersions of rubber, the quality of the foam rubber produced by the foaming method does not drop. According to preliminary calculations, the use of aqueous dispersions of rubber in the production of foam rubber articles should offer considerable technical and economic advantages. There are 2 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy i Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of Rubber and Latex Articles and Scientific Research Institute of the Tire Industry)

DOGADKIN, B.A.; ZACHESOVA, G.N.; SHOKHIN, I.A.

Reclaiming of rubber by the dispersing method. Kauch. i rez. 20 no.12:15-21 D '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Rubber, Reclaimed)

ALEKSEYEVA, T.T.; GLUBEVA, Ye.L.; ZACHINYAYEVA, I.A.; MILYAGIN, Ye.A.; SHUMILINA, A.I.

Petr Kuz'mich Anokhin; on his 60th birthday. Fiziol.zhur. 44 no.4:273-280 Ap '58. (MIRA 11:4)
(ANOKHIN, PETR KUZ'MICH, 1898-)

ZACHINYAYEVA, I. A. (Moskva)

Elektroentsefalograficheskaya kharakteristika vyrabotki uslovnykh pishchevykh polozhitel'nykh i tormoznykh uslovnykh refleksov na fone khronicheskogo primeneniya aminazina.

report submitted for the First Moscow Conference on Reticular Formation, Moscow, 22-26 March 1960.

ZACHINYAYEVA, I.A.

Physiological characteristics of a dynamic stereotype worked out by the conditioned secretory motor method. Trudy 1-go MMI 11:318-327 '61. (MIRA 15:5)

1. Laboratoriya obshchey fiziologii tsentral'noy nervnoy sistemy (zav. - prof. P.K.Anokhin) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.

(CONDITIONED RESPONSE)

GRYCHOWSKI, Stanislaw; ZACHOROWSKI, Stefan

Evaluation of the coal in a deposit. Przegl gorn 19 no.5: 213-218 My '63.

ZACHOROWCKI, T.

Observations on the course of pseudotuberculosis in laboratory rodents with special reference to factors favorable to enzootic conditions. Bull. State Inst. Marine Trop. M. Gdansk 4 no. 2:165-167 1952.
(CLML 22:5)

ZACHOROWSKI, T.; KEMPOWA, J. (Gdynia)

Experiments in evaluating the freshness of fish meat on the basis of organoleptic examinations of canned fish. Rocz nauk roln wet 70 no.1/4:428-431 '60. (EEAI 10:9)

(Fish, Canned)

ZACHOROWSKI, T.; KEMPOWA, J. (Gdynia)

The growth of aerobic bacteria in fish marinades. Rocz nauk roln wet 70 no.1/4:431-433 '60. (EEAI 10:9)

(Bacteria) (Fishery products)

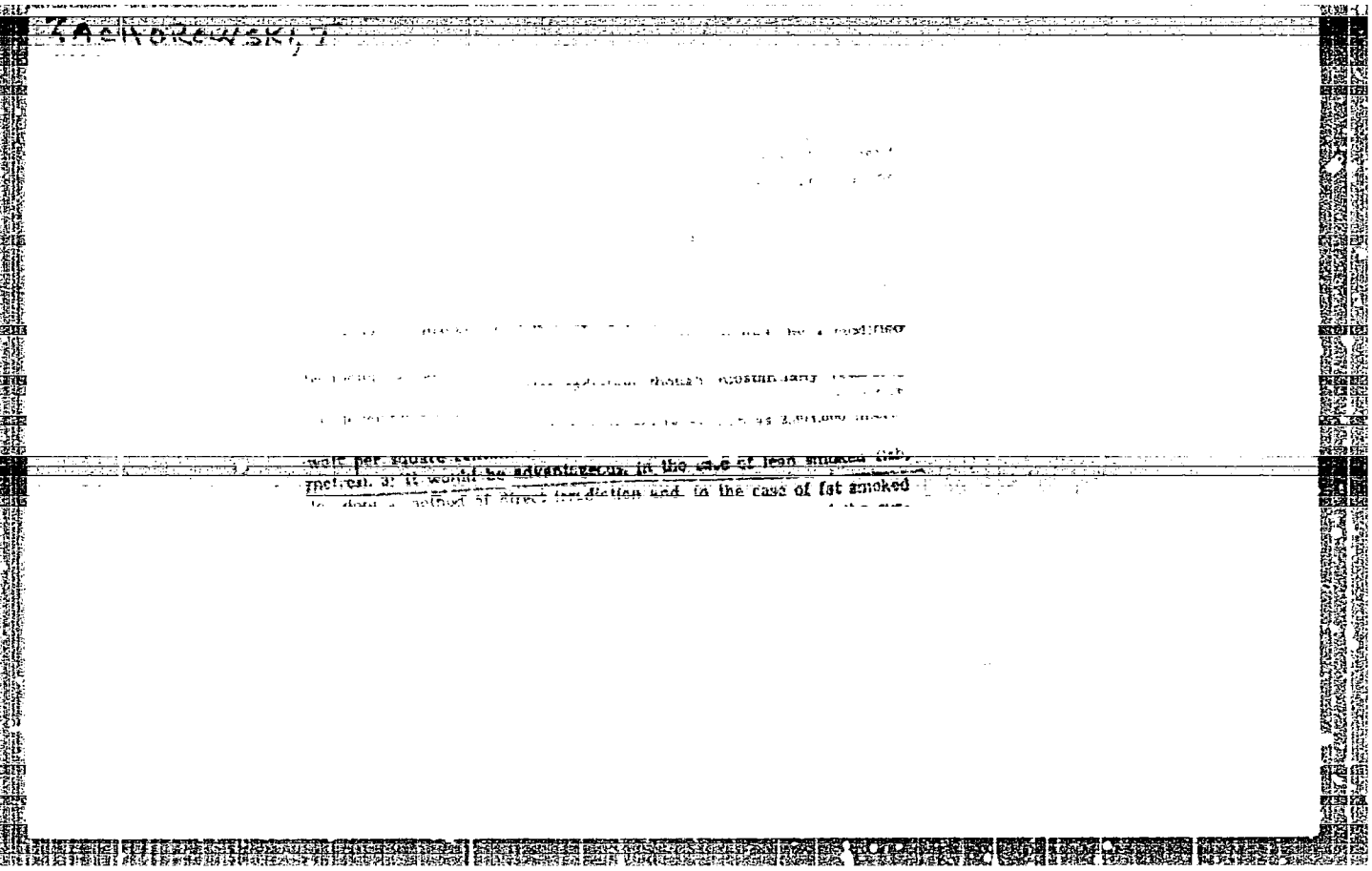
ZACHOROWSKI, Tadeusz

Putrefacient microflora of Salmo salar meat. Bull. Stave Inst. Marine Trop. M. Gdansk Vol.5:95-97; Russian transl., 98-99; English transl., 99-100. 1953.

1. Z Panstwowego Instytutu Medycyny Morskiej i Tropikalnej w Gdansku.

(BACTERIA,
*putrefacient, in salmon meat)

(FISH,
*salmon, putrefacient microflora of meat)



ZACHOROWSKI, T

Microbiological methods of controlling a production cycle of canned fish. p. 400 Vol. 9, no. 10, Oct. 1955

PRZEMYSL SPOZYWCZY

Warszawa

SOURCE: East European Accessions List (EEAL), LC., Vol. 5, no. 3, Mar. 1956

ZACHOVAL, A.

Fulfilling the plan for elimination of surplus stocks, p. 63,
SKLAR A KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 4,
No. 3, Mar. 1954

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

ZACHOVAL, A.

Intrafactory business accounting and tasks of planners and bookkeepers, p. 119, SKLAR A KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 4, No. 5, May 1954

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ZACHOVAL, A.

Glass terminology, p. 120, SKLAR A KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 4, No. 5, May 1954

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ZACHOVAL, A.

To fulfill the plan to liquidate surplus stock. p.68. (Textil, Praha, Vol. 9, no. 3, Mar. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

ZACHOVAL, A.

Management according to a budget in factories and tasks of planners and bookkeepers. p. 132. (Textil, Praha, Vol. 9, no. 5, May 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol. 4, No. 6, June 1955, Uncl

ZACHOVAL, A.

Ensuring a higher productivity of labor.

P. 273 (Kozaratvi. Vol. 7, no. 10 Oct. 1957, Praha, Czechoslovakia)

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

ZACHOVAL, A.

Ensuring higher labor productivity.

p. 285 (Sklar A Keramik) Vol. 7, no. 10, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS(EEAI) LC, VOL. 7, NO. 1, JAN. 1958

ZACHOVAL, A.

"Comparing the final calculations in the leather industry."

p. 340 (Kozarstvi) Vol. 7, no. 12, Dec. 1957
Prague, Czechoslovakia

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

ZACHOVAL, A.

"Comparison of resulting calculations."

p. 352 (Sklar A Keramik) Vol. 7, no. 12, Dec. 1957.
Prague, Czechoslovakia

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

ZACHOVAL, A.

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p. 438 (Textil) Vol. 12, no. 12, 1957 (Dec.)
Prague, Czechoslovakia

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

ZACHOVAL, A.

"Taking permanent advantage of annual analyses."

KOZARSTVI, Praha, Czechoslovakia, Vol. 9, No. 3, March 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

ZACHOVAL, Alois, prosovany ekonom

Improving organization and management stadards in the consumer goods industry. Pod org 17 no.8:341-344 Ag '63.

1. Ministerstvo spotrebniho prumyslu.

ZACHOVAL, Alois

Improving the technical standards and organization of production.
D. .o 17 no.7:202-203 Jl '62.

1. Ministerstvo spotrebního prumyslu.

ZACHOVAL, A.

With new administration to higher level of management. p. 241.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia, Vol. 14, no. 7, July 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2, Feb. 1960.

Uncl.

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"Utilizing the experience acquired from annual analyses". P. 65.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu). Praha, Czechoslovakia, Vol. 9, No. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 6, No. 8, August 1959.
Uncla.

ZACHOVAL, A.

Uniform administration will increase the level of management. p. 193.

SKLAR A KERAMIK. (Ministerstvo spotrebniho prumyslu) Praha, Czechoslovakia, Vol. 9, No. 7, July 1959.

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Uncl.

ZACHOVAL, A.

Annual complex analyses, a contribution to the economy of production. p. 41.

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Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

ZACHOVAL, J.; KALAL, J.; VERUOVIC, B.

On the nature of complex catalysts from cobalt (III)-chloride, pyridine and diethylaluminum chloride for the stereospecific butadiene polymerization. Coll Cz Chem 28 no. 12:3450-3451 D '63.

1. Technische Hochschule fur Chemie, Prag.

VERUOVIC, Budimir; KALAL, Jaroslav; ZACHOVAL, Jaromir

Butadiene polymerization through the action of diethylaluminum chloride and cobalt acetylacetonate. Chem prum 15 no.1:22-25 Ja '65.

1. Chair of Macromolecular Chemistry of the Higher School of Chemical Technology, Prague.

L 45415-66 EWP(j)/T RM

ACC NR: AP6028305 (A) SOURCE CODE: CZ/0009/66/000/006/0344/0347

AUTHOR: Veruovic, Budimir; Zachoval, Jaromir

37B

ORG: College of Chemical Technology, Prague (Vysoka skola chemickotechnologicka)

TITLE: Stereospecific polymerization of butadiene by the catalytic system from diethyl aluminum chloride and rhodium triacetyl acetonate

SOURCE: Chemicky prumysl, no. 6, 1966, 344-347 and appropriate inserts preceding p. 319

TOPIC TAGS: butadiene, polymerization, aluminum, rhodium, stereospecific polymerization

ABSTRACT: Butadiene polymerization has been studied using diethyl aluminum chloride and rhodium triacetyl acetonate as the catalytic system in a water-free medium. The resulting polybutadiene has an above-98% 1,4-trans structure. Polymerization takes place with a ratio of Al:Rh $>$ 3. The optimum ratio Al:Rh is 15. Conversion depends on the concentration of the catalytic components and on temperature. No inhibition period has been observed. The limiting vis-

Card 1/2 UDC: 678.771.24

L 45415-66

ACC NR: AP6028305

cosity number increases with the concentration of rhodium triacetyl acetonate and decreases with a rise in temperature. Orig. art. has: 11 figures. [Based on authors' abstract.] [KS]

SUB CODE: 11/ SUBM DATE: 21Jan66/ ORIG REF: 001/ SOV REF: 001/ OTH REF: 012/

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Card 2/2

ZACHOVAL, L.

"Our Textbook of Physics for Schools of Higher Education" P. 1
(CESKOSLOVENSKY CASOPIS PRO FYSIKU Vol. 4, No. 1, Feb. 1954 -Praha, Czech.)

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

ZACHOVAL, L.

Czech physics before 1918. p. 37.
(SBORNIK PRO DEJINY PRIRODNICH VED A TECHNIKY, vol. 1, 1954, Praha)

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

ZACHOVAL, L.;VACEK, K.

"Chemical Sensitization of Photographic Emulsion." p. 277,
(CESKOSLOVENSKY CASOPIS PRO FYSIKU, Vol. 4, No. 3, June 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

~~ZACHOVAL~~, ZACHOVAL, LADISLAV.

CZECHOSLOVAKIA/Optics. K

Abs Jour: Referat Zhur-Fizika, 1957, 1957, No 4, 10655

Author : Zachoval Ladislav
Inst : Karlovy University, Prague, Czechoslovakia
Title : Growth of Latent Image in Interrupted Illumination of the Photographic Emulsion.

Orig Pub: Prazska Univ. Moskevske univ. Sb. vyroci 1755-1955, Praha, 1955, 283-290

Abstract: The quantitative theory of the growth of latent image during interrupted illumination of the photographic emulsion, formulated previously (Cas. pro. pestov. matemat. a fys., 1947, 72, 161), refined in connection with the results obtained by Meyklyar (Zn eksperim i theo fiziki, 1951, 21, No 1, 42) on the relaxation of photoconductivity in AgBr crystals. Taking into account the reduction in number of free electrons during the time of the darkness pauses, the author has obtained a general equation for the connection between the number of photoelectrons, whose liberation

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CZECHOSLOVAKIA/Optics. K

Abs Jour: Referat Zhur-Fizika, 1957, No 4, 10655

in parts develop ability per a specified number of emulsion crystals, with the number of individual light pulses. The equation is in agreement with experimental data (Kartuzhanskiy, A.L. Meyklyar, P.V., Zh eksperim i teor fiziki, 1951, 21, No 5, 598).

Card : 2/2

K-13

CZECHOSLOVAKIA/Optics - Photography

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 2285

Author : Zachoval Ladislav
Inst : Karlovy University, Prague, Czechoslovakia
Title : On the Theory of Certain Photographic Effects

Orig Pub : Ceskosl. casp. fys., 1958, 8, No 1, 15-18

Abstract : Brief discussion of the basic premises and formulas of a description, previously proposed by the author (Referat Zhur Fizika, 1957, No 4, 10655) of the photographic action of continuous illumination. These formula are used to construct a mathematical theory of three photographic effects, based on the sequence of action of two exposures: sensitization by prior short-duration exposure and desensitization by prior action of x-rays (Villard effect) or by short-duration exposure (Kleiden effect). The formulas obtained are in good qualitative agreement with experiment, provided one retains in the initial formulas the terms that take into account the time delay of the electronic processes, which continue during

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Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 2285

the darkness pauses between the exposures. Thus, this must be assumed to be the physical reason for all three effects.

A.L. Kartuzhanskiy

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 24243

in agreement with the formulas of the author. It is also shown that it is impossible to obtain an identity of the action of intermittent illumination and of continuous one with illumination equal to the average illumination of the intermittent illumination, as stated by Webb (Webb, J.H., Journal of the Optical Society of America, 1933, 23, 157).

ZACHOVAL, L.

Teanty years of the development of Czechoslovak physics. Cs cas fys 15 no.3:189-192 '65.

1. Submitted January 19, 1965.

SORM, Frantisek, akademik; MASTOVSKY, Otakar; KASPAR, Jan; SIRACKY, Andrej; VANA, Josef; ZACHOVAL, Ladislav; RASKA, Karel; BLASKOVIC, Dionyz, akademik; WICHTERLE, Otto, akademik; PRANTL, Ferdinand; CUTA, Frantisek; JERIE, Jan; HEINER, Kamil, akademik; CAPEK, Ladislav; LINK, Frantisek; STRNAD, Julius

Report on the activities of the Czechoslovak Academy of Sciences.made at its 12th General Assembly, and the discussion. Vestnik CSAV 70 no.1: 26-34 '61.
1. Namestek presidenta Ceskoslovenska akademie ved (for Sorm).
2. Clen korespondent Ceskoslovenske akademie ved (for Mastovsky, Kaspar, Siracky, Vana, Zachoval, Raska, Prantl, Cuta, Jerie, Capek, Link and Strnad). 3. Predseda Slovenskej akademie vied (for Siracky).

ZACHOVAL, L.

Commemorating the 40th anniversary of the foundation of Communist Party of Czechoslovakia. Cs cas fys 11 no.6:467-468 '61.

(Communist party)

20

Theory of some photographic effects. Ladislav Jachoval (Karlova Univ., Prague). *Czechoslov. J. Phys.* 8, 2, 4-16 (1958)(in English).—The increase in sensitivity of a photographic layer by preillumination, the Clayden effect, and the Villard effect are explained as special cases of the influence of multiple exposure on a sensitive layer. It is shown that the known facts can be explained by a theory of the intermittent effect based on the assumption of the inertia of electronic processes in AgBr crystals. Harry C. Allen, Jr.

CR/EE

ZACHOVAL, L.

"Importance of physics for general education."

POKROKY MATEMATIKY, FYSIKY A ASTRONOMIE, Praha, Czechoslovakia, Vol. 4, no. 2, 1959

Monthly List of EAST EUROPEAN ACCESSIONS INDEX (EEAI), LC, Vol. 8, No. 7, July, 1959

Unclassified

ZACHOVAL, L.

SCIENCE

Periodical CESKOSLOVENSKY CASOPIS PRO FYSIKU. Vol. 8, no. 1, 1958.

ZACHOVAL, L. Contribution to the theory of some photographic effects. p. 15.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959, Uncl.

ZACHOVAL, L.

SCIENCE

Periodical CESKOSLOVENSKY CASOPIS PRO FYSIKU. Vol. 8, no. 1, 1958.

ZACHOVAL, L. The question of critical frequency concerning intermittent phenomenon. p. 19.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959, Uncl.

ZACHOVAL L.

CZECHOSLOVAKIA/Optics - Photography K-13

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7087

Author : Zachoval Ladislav
Inst : -
Title : Concerning the Critical Frequency in Intermittent Illumination

Orig Pub : Chekhosl. fiz. zh., 1958, 8, No 2, 208-213

Abstract : See Referat Zhur Fizika, 1958, No 10, 24243

Card : 1/1

ZACHOVAL, Ladislav (Prague)

Some remarks on a textbook of physics for higher schools. Pokroky mat fyz astr 9 no.4:240-243 '64.

L 13230-66 EWT(m)

ACC NR [illegible] SOURCE CODE: [illegible]

AUTHOR: [illegible] M.; [illegible]

ORG: [illegible] of Military Medicine, Department and Education, [illegible]

[illegible]

TOPIC TAGS: pharmacology, rat, [illegible] radiation sickness, irradiation

[illegible] antagonistic effect of [illegible] decanoate 2- mg to single [illegible] dose i.m. in rats varied according to dose of radiation (500, 600, 700 r), [illegible] and streptomycin treatment, 50 mg/kg, s.c. from day 4 to 14 postirradiation. The drug did not prevent weight loss in the first week postirradiation under

SUB CODE: 06 / SUBM DATE: none

Card 1/1

ZACHWATIN, K.

Basic tendencies in the development of the flow sheet for the preparation of ores for the dressing process. Tr. from the Russian. p.77

RUDY I METALE NIEZELAZNE. (Wydawnictwo Gorniczo-Hutnicze)
Katowice, Poland. Vol.3, no.3, July/Sept. 1958

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6
June 1959
Uncl.

ZACHWATOWICZ, Eugeniusz, inz.

Standard frequency decade generator. Prace Inst teletechn 3 no.3:124-127 '59.

Zachwatoeicz J., Prof.

Zachwatowicz J., Prof. "New Discoveries in the Old Architecture" (Nowe odkrycia w dawnej architekturze). Architektura. No 9-10, 1949, pp. 239-242, 11 figs.

Professor Jan Zachwatowicz is the general conservator of historic buildings and works of art in Poland. He discusses some new discoveries which have thrown light on fragments or complete relics hitherto unknown. We owe these discoveries to new research work more intensively carried out than was the case before the war. They are also a fortuitous re-sult of war devastations. Sometimes the removal of layers which had been accumulating for centuries has proved the existence of ancient Slavonic settlements with rich relics of the past. Such researches considered a great innovation in a conservation programme, have been started in Wroclaw, Gdansk, Szczecin, Opole, on the Silesian Sobotka, in Ostrow Lednicki, Gniezno, Poznan, Kruszwica, Krakow (Wawel), Leczca, Tyniec and Wislica.

SO: Polish Technical Abstracts No. 2, 1951

ZACHWATOWICZ, J.
PTA

9

72(438)(061.4)

1265
Zachwatowicz J. Among the Monuments of Polish Architecture.
„Wśród pomników architektury polskiej". Architektura. No. 3—4, 1951, pp. 42—104, 35 figs.

A report from the exhibition „Conservation of the Monuments of Culture in Poland". Aims of the exhibition. A short characteristic of the different forms of Polish architecture in various epochs (Romanesque, Gothic, Renaissance, Baroque, Classic architecture).

POLAND/Human and Animal Morphology - (Normal and Pathological) S
Reproductive System.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26199

Author : Zachwiej, E., Hatys-Skirzynska, H., Szanborski, J.
Inst : -
Title : Sarcoidosis of the Uterus.

Orig Pub : Ginekol. polska, 1956, 27, No 5, 655-662

Abstract : No abstract.

Card 1/1

ZACHWIEJ, Eugeniusz.

Use of extract from the posterior lobe of the hypophysis as intravenous drip infusions during labor. Gin. polska 28 no.2: 259-264 Mar-Apr 1956.

1. Z II Kliniki Chorób Kobiecych i Położnictwa A.M. w Warszawie. Kierownik: prof. dr. W.Sowiński. Warszawa, ul. Mokotowska 17, m. 28.

(LABOR
acceleration with posterior pituitary extract, admin., intravenous drip (Pol))
(PITUITARY GLAND, POSTERIOR
extract in labor, admin., intravenous drip (Pol))
(TISSUE EXTRACTS, therapeutic use,
pituitary, posterior extract in labor acceleration (Pol))

ZACHWIEJ, Eugeniusz; HATYS-SKIRZYNSKA, Halina; SZAMBORSKI, Josef

Sarcoidosis of the uterus. Gin. polska 28 no.5:655-662 Sept-Oct 56.

1. Z Oddzialu Poloznicze-Ginekolog. Inst. Gruzlicy w Warszawie Kierownik: prof. dr. M. Serini-Bulska. Z II Kliniki Poloznictwa i Chorob Kobiecych Akad. Medycznej w Warszawie; Kierownik: prof. dr. Wilhelm Sowinski, Warszawa, Mokotowska 17 m. 28.
(SARCOIDOSIS, case reports
uterus (Pol))
(UTERUS, diseases
sarcoidosis, case reports (Pol))

Z HCAYSTAL, K.

OLSZEWSKI, Jakub, mgr inz.

"Mining" by J. Rohel, O. Trnka, F. Rak, K. Zachystal, J. Hartel. Vol.2. "Team work" and "The head miner" by Miroslav Ulbrich. Reviewed by Jakub Olszewski. Wiadom gorn 13 no.6:214-215 Je '62.

CERNY, M.; ZACHYSTALOVA, D.; PACAK, J.

Production of acetylized aromatic β-D-thioglucopyranosides by means of reaction of diazonium salts with 2,3,4,6-tetra-O-acetyl-β-D-glucopyranosylmercaptan. Coll Cz Chem 26 no.9:2206-2211 '61.

1. Institut für organische Chemie, Karlsuniversität, Prag.

(Osides) (Diazonium compounds) (Captan)

ZACIOS, Wladyslaw, mgr inz.; HARATYK, Jan, mgr inz.

Activities of Koksoprojekt in designing coke oven batteries. Problemy proj hut maszyn 11 no. 6: 174-180 Je '63.

1. Zastepca Naczelnego Inzyniera, Koksoprojekt, Zabrze (for Zacios).
2. Zastepca Kierownika Pracowni Piecowej, Koksoprojekt, Zabrze (for Haratyk.).

ZACIOS, Wladyslaw

Evaluation criteria of the thermal action of coke-oven banks.
Koks 8 no.2:42-49 Mr-Ap '63.

1. Koksoprojekt, Zabrze.

LUSZCZYNSKI, Andrzej; ZACIOSA, Wladyslaw

Current state and development trends of mechanization and automation in the coke-chemical industry of Poland. Koks 7 no.5:192-199 S-O '62.

ZACIU, C., ing.

Method for checking oscillographs. Metrologia apl 11 no.9: 423-427 S '64.

ZACKOVA, Jitka

"Use of mathematics in economics". Reviewed by Jitka Zackova.
Pokroky mat fyz astr 7 no.6:362-363 '62.

ZACKOVA, Jitka

"Statistical methods in examples" by L. Cyhelsky and J. Zelinka. Reviewed by Jitka Zackova. Pokroky mat fyz astr 7 no,4:250 '62.

HAVELKA, J.; DOUTLIK,S.; ZACKOVA,J. Technicke spolupraca: VACEK, Zdenek

Inorganic phosphorus in the cerebrospinal fluid in some infectious diseases. Cas. lek. cesk. 102 no.49:1347-1353 6 D'63.

1. Laborator pro vyzkum poliomyelitidy fakulty detskeho lekarstvi KU v Praze; reditel: prof.dr.J.Prochazka.

*

ZACKOVA, Jitka

"Mathematical design of a dynamic model of a socialist economic complex" by Anton Kotzig. Reviewed by Jitka Zackova. Aplikace mat 9 no.2:154-155 '64.

L 13209-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006097 SOURCE CODE: CZ/0053/65/014/004/0318/0319

AUTHOR: Vanecek, J.; Vareckova, N.; Zacek, K.; Zackova, Z.

ORG: Department of Pharmacology, Faculty of Pediatrics, Institute for Epidemiology and Microbiology [illegible] Ustav pro epidemiologii a mikrobiologii MZd)

TITLE: Effect of phenolization on viral infection [This paper was presented during the Twelfth Pharmacologic Days, [illegible], 9 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 318-319

TOPIC TAGS: mouse, experiment animal, phenol, encephalitis, virus disease, chemotherapy

ABSTRACT: When mice were injected intracerebrally with the Jirotka strain of virus encephalitis, 3 days after the last of 12 injections of 0.05 ml. of 0.1% of phenol, survival was significantly prolonged over the control group; as studied in guinea pigs, this effect was not due to changes in immunoreactivity. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001

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Card 1/1

ZACKOVA Z.

CZECHOSLOVAKIA/Tumors U-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27797

Author : Hermansky, F., Zackova, Z., Fossnerova, V.
Inst : Not Given
Title : The Inhibitory Effect of the Viral Infection of Lymphatic Choriomeningitis on Lymphatic Leukemia in Mice.

Orig Pub : Casopis lekaru ceskych, 1956, 95, No 49, 1364-1367.

Abstract : This is a report on results of the three series of experiments on the injection of lymphocytic choriomeningitis virus inot the mice that had been infected, intraperitoneally, with lymphatic leukemia. The inoculation with virus performed on the 11th-12th day after the transplantation of leukemia prolonged the survival of some animals, led to inhibition of leukocytosis and to a less pronounced infiltration of the spleen as compared with the control animals.

Card : 1/1

ZACKOVA, Zdenka; ZACEK, Karel, za tecnicke spoluprace I. Jastrowove

Certain aspects of one-stage safe preparation of encephalitis complement fixation antigen. Cesk. epidem. mikrob. imun. 8 no.2:84-90 Mar 59.

1. Krajska hygienicko-epidemiologicka stanice KNV Praha, Ustav sera a ockovacich latek v Praze. Z.Z. Praha 1, Narodni tr. 17.

(ENCEPHALITIS, EPIDEMIC, immunol.
complement fixing antigen, safe one-stage prep. (Cz))
(COMPLEMENT,
epidem. encephalitis complement fixing antigen, safe one-stage prep. (Cz))

ZACKOVA, Zdenka; JASTROWOVA, Ilse; ZACEK, Karel

Complement-fixation antigen in lymphocytic choriomeningitis prepared by bentonine purification. Cesk. epidem. mikrob. imun. 8 no.3: 153-156 May 59.

1. Krajska hygienicko-epidemiologicka stanice KNV Praha Ustav ser a ockovacich latek v Praze.

(VIRUS DISEASES, immunol.
lymphocytic choriomeningitis, complement fixation antigen prep. (Cz))
(COMPLEMENT,
fixation antigen in lymphatic choriomeningitis, prep. (Cz))

ZACKOVA, Zdenka; VOHKA, Vladimir; ZACEK, Karel, Za technicke spoluprace I. Jestrowove a J. Bohmove

Certain methods of preparation of animal immune serums against encephalitis virus and enterivirus. Cesk. epidem. mikrob. imun. 8 no.2:91-97 Mar 59.

1. Krajske hygienicko-epidemiologicka stanice KNV Praha Ustav ser a ockovacich latek v Praze. Z.Z. Praha 1, Narodni tr. 17.

(ENCEPHALITIS, EPIDEMIC, immunol.
animal immune sera, prep. (Cz))
(VIRUSES,
enteriviruses, prep. of animal immune sera (Cz))