ASNOVICH, Ya.; GRACHEV, A.

Device for repairing main braking and wheel braking cylinders on the GAZ-51 automobile. Avt. transp. 34 no.7:25-26 Jl '56. (MLRA 9:10)

(Automobiles--Brakes)

RUZIN, S.I.; ALESHIN, A.F.; IVANOV, P.V.; PODKOVYROV, M.I.; ASONOV, A.A.; PLYUSNIN, A.K., red.

[Manual for a logging camp machinery operator] Spravochnik mekhanika lespromkhoza. [By] S.I.Ruzin i dr. Moskva, Goslesbumizdat, 1963. 431 p. (MIRA 17:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetiki lesnoy promyshlennosti (for all except Plyusnin).

ASONOV, B., inzh.; TSYRLIN, B., inzh.

Using lightweight cinder concrete in laying foundations for unstained floors. Na stroi. Mosk. 1 no.4:12-13 Ap '58. (MIRA 11:9)

(Floors)

ASONOV, B., inzh.

Unit for making clay water for masonry mortars. Sel'.stroi. 15 no.6:24 Je '60. (MIRA 13:8)
(Mortar)

ASONOV, B.

Simplest methods for determining the strength of concrete. Sel'. stroi. 15 no.1:26-27 Ja '61. (MIRA 14:3)

1. Direktor proizvodstvenno-eksperimental'noy bazy Nauchno-issledovatel'skogo instituta sel'skogo stroitel'stva.
(Aprelevka—Precast concrete—Testing)

ASONOV, B., inzh.; VOROB'YEV, V., inzh.; TERTYCHNYY, A., inzh.

Large supply combine in one building. Na stroi. Ros. 4 no.5:22-23 My '63. (MIRA 16:5)
(Moscow--Industrial buildings--Design and construction)
(Moscow--Food industry)

ASONOV, Boris Alekseyevich; KOLIKO, Yefim Lazarevich

[Industrialization of farm construction] Industrializatsiia sel'skogo stroitel'stva; puti tekhnicheskogo progressa. Moskva, Stroiizdat, 1965. 102 p. (MIRA 18:7)

ASONOV, V.V.

Contribution of scientific and technical societies to the 22d Congress of the CPSU. Der.prom. 10 no.9:27-28 S '61. (MIRA 14:10)

1. TSentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva bumazhnoy i derevoobrabatyvayushchey promyshlennosti.
(Woodworking industries) (Technical societies)

ASONOVA, Ye.V., inzh.; DZERVE, N.K., inzh.

Welding thermoplastic materials in finishing operations. Mekh. stroi. 18 no.12:18 D '61. (MIRA 16:7)

(Thermoplastics--Welding)

ACCESSION NR: AP4007443 S/0096/64/000/001/0059/0063

AUTHOR: Storozhuk, Ya. P. (Candidate of technical sciences); Asoskov, V. A. (Engineer)

TITLE: Problem of approximate modeling of the combustion processes in a GTU [gas turbine unit] combustion chamber

SOURCE: Teploenergetika, no. 1, 1964, 59-63

TOPIC TAGS: gas turbine, combustion chamber, combustion process, combustion process modeling, liquid fuel combustion

ABSTRACT: Similitude laws for scaling-up gas turbine combustion chamber models to full-scale units are analyzed on the basis of a generalized relationship for the combustion efficiency in terms of fuel droplet residence time in the combustion zone; full combustion time; evaporation, mixing, and burning times; Reynolds, Karman, Mach, and Prandtl numbers; fuel and air temperatures; air excess factor, and activation energy. From a previously derived relationship for the evaporation time (Yu. Kh. Shaulov, M. O. Lerner. Goreniye v zhidkostny*kh reaktivny*kh dvigatelyakh. Oborongiz, 1961) the

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ACCESSION NR: AP4007443

following criterion for the complete evaporation was derived:

$$\pi_{ev} = \frac{Cd_k^2 w_{av}}{L_{fl}},$$

where C is $\gamma 273/8D_{po}(t_k + 273)$, d_k is the characteristic droplet diameter, L_{fl} is the flame-tube length, t_k is the vapor temperature, γ is the specific weight of fuel, D_{po} is the diffusion coefficient at 0°C and 1 atm, and w_{av} is the average gas flow velocity. The invariance of the ratio of mixing time to residence time with respect to Re, Ka, M, and Pr is examined, and self-modeling regions of Re and Ka are defined. It is concluded that for modeling of a diffusional combustion process in chambers operating under self-modeling regimes with respect to Re and Ka, the following conditions must be fulfilled: 1) the model and the full-scale unit must be geometrically similar; 2) the fuel must be of the same type and have the same temperature; and 3) the fuel-air ratios, the temperatures of air and combustion products, and the evaporation criterion π_{ev} must be identical. The

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ACCESSION NR: AP4007443

results are illustrated by data obtained previously (Ya. P. Storozhuk, "Energomashinostroyeniye, No. 3, 1962) by the combustion of atomized solar oil in high-output combustion chamber models 0.61, 0.51, and 0.4 m in diameter. The graphs (see Fig. 1 of Enclosure) show that the combustion process was almost identical in all three chambers when the specified modeling conditions were fulfilled. Orig. art. has: 17 formulas, 3 figures, and 2 tables.

ASSOCIATION: Tsentral'ny*y kotloturbinny*y institut (Central Boiler-Turbine Institute)

SUBMITTED: 00	DATE ACQ: 23Jan64	ENCL: 01
SUB CODE: PR	NO REF SOV: 003	OTHER: 000

Card 3/4

L 22289-66 EPF(n)-2/EWT(m)/ETC(m)-6/T/EWP(f) WW/JW/WE
ACC NR: AP6007309 UR/0096/66/000/003/0063/0068 78 8

AUTHOR: Storozhuk, Ya.P. (Candidate of technical sciences); Asoskov, V.A. (Engineer)

ORG: Central Boiler and Turbine Institute (Tsentral'nyy kotloturbinnyy institut)

TITLE: Investigation of the combustion process of a liquid fuel in the combustion chamber of a gas turbine installation with variable pressure

SOURCE: Teploenergetika, no.3, 1966, 63-68

TOPIC TAGS: combustion gas dynamics, gas turbine engine, combustion chamber, flow structure, combustion mechanism, liquid fuel

ABSTRACT: The combustion rate is determined by the rate of the slowest stage; it is therefore possible that, with changes in the operating conditions of the combustion chamber over wide limits, and also with changes in the geometric characteristics of the chamber and the type of fuel, one of the limiting stages may be replaced by another. In the article, the mathematic treatment of the problem is based on data from full scale gas turbine installations. Calculated results are exhibited in a series of curves. The effect of the aerodynamic characteristics on the combustion process is experimentally established, as well as the independence of the flow structure of the pressure of the medium at identi-

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ACC NR: AP6007309

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cal blowing rates. A relation is established for the completeness of combustion as a function of the pressure; this permits the conclusion that the limiting stage in the combustion of liquid fuels with a drop size greater than 100 x 10^{-6} meters is the vaporization of the drops. There is also established an experimental relationship for the dependence of the completeness of combustion on the parameter which characterizes the relative vaporization time of the drops; this makes it possible to determine the completeness of combustion chamber. Orig. art. has: 14 formulas 7 figures and 1 table.

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 004

Card 2/2 nst

137-58-4-7718

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 195 (USSR)

AUTHORS: Ipat'yev, V. V., Asoskova, P. I.

TITLE: Oxidation of Iron in Sulfur Dioxide at High Temperatures (Okisleniye zheleza v sernistom gaze pri vysokikh temperaturakh)

PERIODICAL: Byul. nauchno-tekhn. inform. po rezul'tatam nauchno-issled. rabot. Leningr. lesotekhn. akad., 1957, Nr 47, pp 16-21

ABSTRACT: The effect of SO_2 on Fe containing 0.2 percent C in the 600-900°C temperature range was investigated in experiments of not over 82 hours duration. It is shown that the oxidation (O) process of Fe in SO_2 in the given temperature interval is of a parabolic character. It is demonstrated graphically that the O rate of Fe in SO_2 is greater than in CO_2. Due to the formation of a fusible eutectic between Fe and scale at 900°, the rate of O was not studied. It is shown by chemical analysis that the scale contains S in the form of sulfides. Deoxidation patterns for SO_2 and its reaction with Fe are presented. It was found that the strength of the scale and its bond to the metal increases with temperature. Micrographic investigation and X-ray structural analysis show that in the investigated temperature interval the scale consists of two

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Oxidation of Iron in Sulfur Dioxide at High Temperatures

layers: an inner (FeO with FeS inclusions) and an outer (Fe_3O_4). The authors hypothesize that the O mechanism of Fe in SO_2 is analogous to that in CO_2.

G. M.

1. Iron--Oxidation--Temperature factors 2. Iron--Oxidation--Effects of sulfur

Card 2/2

ARRIGONI, I.M., ASOSKOVA, S.M., KEDROV, A.A., KORILOVA, Ye.I.

Preliminary evaluation of the results of ligation of the external iliac veins in the treatment of chronic cardiac insufficiency. Terap.arkh. 30 no.8:38-47 Ag '58 (MIRA 11:9)

1. Iz fakul'tetskoy terapevticheskoy (zav. - prof. A.A. Kedrov) i fakul'tetskoy khirurgicheskoy (zav. - prof. P.N. Napalkov) kliniki Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(CONGESTIVE HEART FAILURE, surg.
iliac vein ligation (Rus))
(VEINS, ILIAC, surgery,
ligation in congestive heart failure (Rus))

ASOSKOVA, S.M.

Significance of electrocardiographic examination in surgical practice. Trudy LSGMI 39:143-153 '58. (MIRA 12:8)

1. Kafedra fakul'tetskoy khirurgii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.kafedroy - prof. P.N.Napalkov).

(SURGERY, OPERATIVE,
ECG in (Rus))
(ELECTROCARDIOGRAPHY,
in surg. (Rus))

KORELOVA, Ye.I.; ASOSKOVA, S.M.

Ligation of the external iliac veins as a therapeutic method in circulatory insufficiency due to cardiac defects. Trudy LSGMI 40:79-85 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. : klinikoy - prof.A.A.Kedrov) i Fakul'tetskaya khirurgicheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.P.N.Napalkov).
(CONGESTIVE HEART FAILURE, surgery,
ligation of iliac veins (Rus))
(VEINS, ILIAC, surgery,
ligation in congestive heart failure (Rus))

NAPALKOV, P.N., prof.; REPIN, Yu.M., kand. med. nauk; ASOSKOVA, S.M., kand. med. nauk

Treatment of heart wounds. Vest. khir. 82 no.5:118-122 My '59. (MIRA 12:7)
(HEART--WOUNDS AND INJURIES)

ASOSKOVA, S.M., dotsent; LOYKO, I.O., dotsent

Professor Pavel Nikolaevich Napalkov; on his 60th birthday.
Vest.khir. no.7:140-141 '61. (MIRA 14:12)
(NAPALKOV, PAVEL NIKOLAEVICH, 1900-)

NAPALKOV, Pavel Nikolayevich; SMIRNOV, Aleksandr Vasil'yevich, zasl. deyatel' nauki prof.; SHRAYBER, Mark Grigor'yevich; Prinimali uchastiye: ASOSKOVA, S.M.; IL'INSKAYA, O.V.; REFIN, Yu.M.; SHAFER, I.I.; SHMUKLER, B.A.; EL'BERG, G.A.; RUSANOV, A.A., red.; LEBEDEVA, Z.V., tekhn.red.

[Surgical diseases]Khirurgicheskie bolezni. Pod red. A.V.Smirnova. Leningrad, Medgiz, 1961. 571 p. (MIRA 15:12)
(SURGERY, OPERATIVE)

S/191/61/000/003/006/015
B124/B203

AUTHORS: Mikheyev, Ye. P., Asoskova, Ye. M.

TITLE: Photochlorination of methyl ethyl dichloro silane in liquid state

PERIODICAL: Plasticheskiye massy, no. 3, 1961, 26-27

TEXT: The authors chlorinated methyl ethyl dichloro silane in liquid state with chlorine gas under illumination with a 150-w electric bulb in a device described in Ref. 2 (Ye. P. Mikheyev, DAN SSSR, 108, no. 3, 484 (1956)). They obtained methyl ethyl dichloro silane by reaction of ethyl magnesium bromide with methyl trichloro silane in ethyl ether under vigorous stirring in a 57% yield referred to methyl trichloro silane. The chlorinated mixture (d_4^{20} 1.1857 and n_D^{20} 1.4450) was rectified in a column with porcelain packing material and an efficiency of 20 theoretical plates. The following fractions were obtained: (1) Initial methyl ethyl dichloro silane, 31% (by weight of the mixture); (2) intermediate, 0.8%; (3) methyl-α-chloro-ethyl dichloro silane, 24%; (4) intermediate, 6.2%;

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(5) methyl-β-chloro-ethyl dichloro silane, 31%; (6) intermediate, distilled off until reaching a temperature of 180°C at the outlet, 1.8%; and (7) distillation residue consisting of di- and polychloro derivatives, 5.1%. The composition of the mixture after chlorination is given in the table; it shows that the chlorination rate (rate of substitution of the first hydrogen atom) of the β-, as well as of the α-carbon atom of the ethyl group of methyl ethyl dichloro silane is several times higher than that of the carbon atom of the methyl group. The low content of di- and polychloro derivatives in the mixture confirms this assumption also for the case where the resulting chloro-methyl ethyl dichloro silane was very quickly transformed to dichloro derivatives. The yield in α- and β-isomers of methyl ethyl dichloro silane according to the table is 38 and 50%, respectively, of the reacted methyl ethyl dichloro silane. There are 1 table and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: D.T.Hurd, J.Am.Chem.Soc., 67, 1813 (1945).

Photochlorination of methyl...

S/191/61/000/003/006/015
B124/B203

Table: Composition of the mixture after chlorination.

Legend: (1) Substance, (2) content in the mixture, (a) % by weight, (b) mole%, (3) di- and polychloro derivatives.

(1) Вещество	(2) Содержание в смеси	
	(a) % вес.	(b) % мол.
$CH_3(C_2H_5)SiCl_2$	31,5	37
$CH_3(CH_3ClCH)SiCl_2$	26	24,2
$CH_3(ClCH_2CH_2)SiCl_2$	33,5	31,5
$ClCH_2(C_2H_5)SiCl_2$	~3	~2,8
(3) Ди- и полихлорзаме-щенные	6	4,5

Card 3/3

ASOTSKIY, L.S.; MIROSHNICHENKO, S.N.

Utilization of compressed laminated wood for the production of wood press particles. Der. prom. 12 no.6:13 Je '63. (MIRA 16:10)

KHUKHRYANSKIY, P.N.; ZHITKOV, P.N.; KOVYAZIN, F.Ya.; TSYPLAKOV, D.M.; OGARKOV, B.I.; OGARKOVA, T.V.; RAKIN, A.G., kand. tekhn. nauk; SHEYDIN, I.A.; RUMYANTSEVA, O.M.; MAL'TSEVSKAYA, R.P.; KUVAROVA, M.P.; PYUDIK, P.E.; MIROSHNICHENKO, S.N.; DORONIN, Yu.G.; ASOTSKIY, L.S.; MAREYEV, V.S.; SMOLENSKIY, K.I., inzh., retsenzent

[Compressed wood and wood plastics in the machinery industry; a manual] Pressovannaia drevesina i drevesnye plastiki v mashinostroenii; spravochnik. Moskva, Mashinostroenie, 1965. 147 p. (MIRA 18:3)

S/277/63/000/001/004/017
A052/A126

AUTHORS: Kirillova, Ye. P., Asovskaya, Z. N.

TITLE: Friction materials paired with low-carbon steel

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 48. Mashinostroitel'nyye materialy, konstruktsii i raschet detaley mashin, no. 1, 1963, 5, abstract 1.48.28 ("Vestn. tekhn. i ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta Sov. Min. SSSR po khimii", no. 3, 1962, 30 - 32)

TEXT: Friction properties of woven, cast, pressed and rolled materials paired with СЧ15-32 (SCh 15-32) cast iron and Ст.35 (st.35) steel were investigated. 22 x 27 x 6 mm samples were tested on a unified constant friction machine at 100 - 120°C, 7.5 m/sec sliding speed and 2.7 kg/cm^2 specific pressure. The results of the tests are summarized in a table. It is established that woven and rolled bands cannot work at elevated temperatures since at 200 - 240°C the coefficient of friction decreases. Cast material ФК-24а (FK-24a) at 100 - 120°C has a lower coefficient of friction than woven and rolled bands,

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Friction materials paired with low-carbon steel

but at a higher temperature has a stable coefficient of friction and a good wear resistance.

[Abstracter's note: Complete translation]

Card 2/2

YESAYAN, G.T.; OGANESYAN, E.Ye.; ASOYAN, E.L.

Transformations of disulfonyl chlorides. Part 1: Interaction of alkanedisulfonyl chlorides with phenols and aromatic amines containing a halogen and a nitro group. Izv.AN Arm.SSR. Khim. nauki 17 no. 3:339-344 '64. (MIRA 17:7)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

YESAYAN, G.T.; OGANESYAN, E.Ye.; ASOYAN, E.L.

Transformations of disulfuryl chlorides. Part 2: Synthesis of 4-methyl-7-coumaryl and 8-quinolyl esters of some disulfo acids. Izv. AN Arm. SSR. Khim. nauki 18 no.3:309-312 '65. (MIRA 18:11)

1. Institut organicheskoy khimii AN ArmSSR. Submitted May 15, 1964.

ASOYAN, G.

The building plan of machine-tractor stations is overfulfilled. Sel'.stroi. 11 no.1:6-7 Ja '56. (MLRA 9:6)

1.Instruktor Moskovskogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza.
(Moscow Province--Building)

ASOYAN, G.A., mladshiy nauchnyy sotrudnik

Problem of homotransplantation of organs. Vop. radiobiol. AN ARM. SSR 2:237-246 '61. (MIRA 18:4)

ASOYAN, G.A.; NIKITIN, I.V.

Comparative evaluation of physical factors in the effect of stress on the walls of functioning arterial vessels at the sites of their juncture according to intraluminal and extramural principles. Vest. AMN SSSR no.4:63-70 '65.
(MIRA 18:10)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya i kafedra fiziologii II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i Institut mekhaniki AN SSSR, Moskva.

ASOYAN, L.M., inzh.

Parametron as a component of a digital computer. Vych. tekh. [MVTU] no.3:74-90 '63. (MIRA 17:2)

BOCHKAREV, P.; VYAZOV, Ye.I., redaktor; ASOYAN, N.S., redaktor; RIVINA, I.N., tekhnicheskiy redaktor; MAL'CHEVSKIY, G.N., redaktor kart.

[Afghanistan] Afganistan. Moskva, Gos. izd-vo geogr. lit-ry, 1953. 66 p. (MLRA 7:3)
(Afghanistan--Description and travel)

ASOYAN, N. S.

BRANDT, D.M.; ASOYAN, N.S., RIVINA, I.N., tekhnicheskiy redaktor.

[Netherlands] Niderlandy. Moskva, Gos. izd-vo geograficheskoi lit-ry, 1953. 115 p. (MLRA 7:8)
(Netherlands--Description and travel)

ZABIROV, Rashit Dzhamaliyevich; ASOYAN, N.S., redaktor; TUSHINSKIY, G.K., professor, doktor geograficheskikh nauk, redaktor; RIVINA, I.N., tekhnicheskiy redaktor

[Glaciation of Pamirs] Oledenenie Pamira. Moskva, Gos. izd-vo geograficheskoi lit-ry, 1955. 370 p. (MLRA 8:7)
(Pamirs--Physical geography)

GORBUNOVA, M.N.; KOSTINSKIY, D.N.; TIKHOMIROV, V.P., otvetstvennyy redaktor; ASOYAN, N.S., redaktor; NOGINA, N.I., tekhnicheskiy redaktor

[Korea, Mongolia] Koreia, Mongoliia. Moskva, Gos.izd-vo geogr. lit-ry, 1956. 28 p.
(Korea) (Mongolia) (MLRA 10:8)

ZUBOV, Nikolay Nikolayevich; ASOYAN, N.S., redaktor; KOROTKOVA, V.A., redaktor; RIVINA, I.N., tekhnicheskiy redaktor.

[Principal theories regarding ocean straits] Osnovy ucheniia o prolivakh mirovogo okeana. Moskva, Gos. izd-vo geog. lit-ry, 1956. 239 p. (Straits) (Ocean) (MLRA 9:5)

MUKHIN, A.I.; SILAYEV, Ye.D.; AVDEICHEV, L.A.; BOBRIN, V.V.; TIKHOMIROV, V.P., otvetstvennyy red.; ASOYAN, M.S., red.; CHIZHOV, N.N., red.; GLEYKH, D.A., tekhn.red.

[Austria, Albania, Greece, and Yugoslavia] Avstriia, Albaniia, Gretsiia, IUgoslavniia. Moskva, Gos. izd-vo geogr. lit-ry, 1957. 38 p. (MIRA 11:4)

(Albania--Geography) (Yugoslavia--Geography)
(Austria--Geography) (Greece--Geography)

MUKHIN, M.S.

MUKHIN, Aleksandr Ivanovich; ASOYAN, N.S., red.; KOSHELEVA, S.M., tekhn. red.

[Germany (German Democratic Republic, German Federal Republic)] Germaniia (Germanskaia Demokraticheskaia Respublika, Federativnaia Respublika Germanii). Moskva, Gos. izd-vo geogr. lit-ry, 1957. 103 p. (MIRA 11:5)
(Germany)

MASHBITS, Ya.G.; GOKHMAN, V.M.; KUMKES, S.N.; TIKHOMIROV, V.P., otvetstvennyy red.; ASOYAN, N.S., red.; VILENSKAYA, E.N., tekhn. red.

[Mexico, Guatemala, Honduras, British Honduras, Salvador, Nicaragua, Costa Rica, Panama] Meksika, Gvatemala, Gonduras, Britanskii Gonduras, Sal'vador, Nikaragua, Kosta-Rika, Panama. Moskva, Gos. izd-vo geogr. lit-ry, 1958. 53 p. (MIRA 11:7)
(Central America) (Mexico)

ASOYAN N.S.

ANDREYEVA, Vera Mikhaylovna; ASOYAN, N.S., red.; NOGINA, N.I., tekhn.red.

[New Zealand] Novaia Zelandiia. Moskva, Gos. izd-vo geogr. lit-ry, 1958. 95 p. (MIRA 11:5)
(New Zealand--Geography)

OSKOLKOVA, Ol'ga Borisovna; POPOV, K.M., prof., doktor ekon.nauk, otvetstvennyy red.; ASOYAN, N.S., red.; NOGINA, N.I., tekhn.red.

[Northern India; its economic geography] Severnaia Indiia; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos.izd-vo geogr.lit-ry, 1958. 318 p. (MIRA 11:6)
(India--Economic geography)

VITVER, Ivan Aleksandrovich; SLUKA, Aleksandr Yevgen'yevich; ASOYAN, N.S., red.; NOGINA, N.I., tekhn.red.; KISELEVA, Z.A., red.kart

[France; its economic geography] Frantsiia; ekonomicheskaia geografiia. [Colored map of France] Tsvetnaia obzornaia karta Frantsii. Moskva, Geografgiz, 1958. 414 p. (MIRA 12:2)
(France--Economic conditions)

OLEYNIKOV, Igor' Nikolayevich; ASOYAN, N.S., red.; GOLITSYN, A.V., red.kart; NOGINA, N.I., tekhn.red.

[The Congo] Kongo. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 67 p. (MIRA 13:1)

(Congo--Economic conditions)

TRINICH, Fridrikh Akhmetovich; POPOV, K.M., prof., doktor ekonom.nauk, otv.red.; ASOYAN, N.S., red.; KISELEVA, Z.A., red.kart; NOGINA, N.I., tekhn.red.

[Eastern Pakistan; economic-geographical features] Vostochnyi Pakistan; ekonomiko-geograficheskii ocherk. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 223 p. (MIRA 13:2)
(Pakistan, Eastern--Economic conditions)

KNYAZHINSKAYA, Larisa Aleksandrovna; POPOV, K.M., prof., doktor ekonom.nauk, otv.red.; ASOYAN, N.S., red.; KISELEVA, Z.A., red.kart; NOGINA, N.I., tekhn.red.

[Western India; economic and geographical characteristics] Zapadnaia Indiia; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 308 p. (MIRA 12:8)
(India--Economic conditions)

ASOYAN, Nadezhda Samuilovna; LAVRENT'YEVA, Ye.V., red.; SHAPOVALOVA, N.S., mladshiy red.; MAL'CHEVSKIY, G.N., red.kart; VILENSKAYA, E.N., tekhn.red.

[Nigeria] Nigeriia. Moskva, Gos.izd-vo geogr.lit-ry, 1962. 85 p. (MIRA 15:5)

(Nigeria--Economic geography)

ASOYAN, N.S.; GAVRILOV, N.I.; GORNUNG, M.B.; KREMEN', K.S.; OLEYNIKOV, I.N.; PUCHKOV, I.B.; CHERNIKOV, G.P.; SHURAN, Ye.M., red.; ZABIROV, B.Sh., red.; KUZNETSOV, A.D., tekhn. red.

[West Africa; 1:5 000 000] Zapadnaia Afrika; 1:5 000 000. Moskva, Geografizdat, 1961. fold.map. ___[Text] 45 p. (MIRA 15:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.

(Africa, West--Maps)

ASOYAN, N.S.; GAVRILOV, N.I.; GORNUNG, M.B.; KREMENʹ, K.S.; OLEYNIKOV, I.N.; PUCHKOV, I.B.; CHERNIKOV, G.P.; ZABIROV, B.Sh., red.; KOSTINSKIY, D.N., red.; ZHURAVLEVA, G.P., mlad. red.; GOLITSYN, A.V., red. kart; BURLAKA, N.P., tekhn. red.

[Countries of West Africa; geographical information] Strany Zapadnoy Afriki; geograficheskie spravki. Moskva, Geografgiz, 1962. 47 p. (MIRA 15:7)

(Africa, West--Geography, Economic)

ASOYAN, Nadezhda Samuilovna; POPOV, K.M., doktor ekon.nauk,prof., otv.red.; GORNUNT, M.B., kand. geogr.nauk, otv.red.; DEREVYANKINA, L.A., red.; SHAPOVALOVA, N.S., mlad. red.; VAS'KINA, R.S., tekhn. red.

[Nigeria; characteristics of its economic geography] Nigeriia; ekonomiko-geograficheskaia kharakteristika. Moskva, Geografgiz, 1963. 270 p. (MIRA 17:2)

ASOYAN, R. M.

10G5.9

USSR/Radio Stations 4805.0200 Aug 1947

"To Increase the Radio Network in Rural Regions of Moscow Oblast'," R. Asoyan, 1½ pp

"Vestnik Svyazi - Pochta" Vol VII, No 8

A discussion of present situation of radio network in Moscow Oblast' and some rayons and presentation of 1947 plan to expand radio communication in this region. Some figures given. In 1941, there were 68 radio receiving and broadcasting units and 190 thousand radio centers.. On 1 Jan 1947, there were 75 radio receiving and broadcasting units and over 263 thousand radio centers. An increase of 30 thousand radio centers is planned for Moscow Oblast' by end of 1947.

10G59

ASOYAN, R. M.

PA 1/50T100

USSR/Radio - Radio Equipment Sep 49
Transmission Lines

"Material Relating to the Radiofication of Moscow Oblast," R. Asoyan, 2 pp

"Radio" Nr 9

In 1949, 2,000 kolkhozes in Moscow Oblast were to be radio-equipped, and a minimum of 100,000 loud-speakers were to be installed in kolkhoz homes. In the past 7 months, 5,000 km of new radio transmission lines have been installed, making possible the radiofication of 1,792 kolkhozes and the installation of 55,000 loud-speakers. In addition to the 13 rayons where

1/50T100

USSR/Radio - Radio Equipment (Contd) Sep 49

radiofication is complete, all kolkhozes of Volokolam, Domsko, Podolsk, Ramenskoye, Kashira, and Stalinogorsk rayons have been equipped with radios this year. Fifty thousand crystal and vacuum-tube receivers are to be installed this year.

1/50T100

ASOYAN, R.M.

Collective of the Moscow Wire Broadcasting Network has switched to a seven-hour workday. Vest.sviazi 20 no.4: 22-23 Ap '60. (MIRA 13:7)

1. Nachal'nik Moskovskoy gorodskoy direktsii radiotranslyatsionnoy seti.

(Hours of labor)
(Moscow--Wire broadcasting)

ASOYEVA, Ye.Z.; DAUKSHA, A.D.; DENISOVA, Ye.K.; MURAV'YEVA, D.A.

Saponin-containing plants of the Northern Caucasus. Nauch. dokl. vys. shkoly; biol. nauki no.4:148-150 '64. (MIRA 17:12)

1. Rekomendovana kafedroy farmakognozii Pyatigorskogo farmatsevticheskogo instituta.

ASOYEVA, Ye.Z.; DAUKSHA, A.D.; DENISOVA, Ye.K.

Chemical composition of Alhagi persarum Boiss et Buhse. Izv.AN Turk.SSR.Ser.biol.nauk no.3:74-76 '62. (MIRA 15:9)

1. Pyatigorskiy farmatsevticheskiy institut.
(ASHKHABAD REGION—ALHAGI)

ASOYEVA, Ye. Z.; DAUKSHA, A. D.; DENISOVA, Ye. K.

Chemical composition of Alhagi persarum. Izv. AN Turk.SSSR. Ser. biol. nauk no. 6:75-77 '63. (MIRA 17:5)

1. Pyatigorskiy farmatsevticheskiy institut.

ZUBAKOV, S.M.; ASPANDIYAROVA, S.G.; KORZHENEVSKIY, A.I.; CHERNYAVSKAYA, V.P.; OSIPOVA, L.Ya.

Using a treated Kimperay chromite for the production of magnesia refractories. Ogneupory 30 no.12:33-37 '65.
(MIRA 18:12)

1. Institut metallurgii i obogashcheniya AN KazSSR (for Zubakov, Aspandiyarova). 2. Zavod "Magnezit" (for Korzhenevskiy, Chernyavskaya, Osipova).

SOV/112-57-9-18478

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 9, p 56 (USSR)

AUTHOR: Aspandiyarov, T. S.

TITLE: Methods of Building Heavy Hydraulic Structures on Loess Grounds (O metodakh vozvedeniya tyazhelykh gidrotekhnicheskikh sooruzheniy na lessovykh gruntakh)

PERIODICAL: Sb. nauch. stud. rabot Mosk. in-t, inzh. vod. kh-va, 1956, Nr 2, pp 13-16

ABSTRACT: The most widely used method of preparation of loess-ground bed — preliminary wetting — does not entirely eliminate the possibility of such ground sagging. Best results in controlling sag of loess soils are obtained by either mechanical compacting or chemical fixing, though these methods are the most expensive. In mechanical compacting, the entire stratum of sagging soil is stripped and then re-laid layer-by-layer, while being wetted continuously. In chemical fixing, the loess soil is treated with silicate solutions. Applicability of one method or another can be determined in individual cases by economic

Card 1/2

Methods of Building Heavy Hydraulic Structures on Loess Grounds SOV/112-57-9-18478

considerations. A graph is presented that illustrates the cost of stabilizing loess soils by mechanical compaction and by silicification. Mechanical compaction methods are more effective with larger buildings and thinner sagging soils. Silicification is more suitable for smaller structures on a thick loess bed.

Z.V.P.

Card 2/2

ACC NR: AP6033370 (A) SOURCE CODE: UR/0131/66/000/008/0029/0036

AUTHOR: Zubakov, S. M.; Aspandiyarova, S. G.

ORG: Institute of Metallurgy and Ore Benefication AN KazSSR (Institut metallurgii i obogashcheniya AN KazSSR)

TITLE: Composition and properties of chromium spinellides extracted from Kimpersaysk ores by acids

SOURCE: Ogneupory, no. 8, 1966, 29-36

TOPIC TAGS: refractory compound, chromium compound, x ray diffraction analysis, crystal structure

ABSTRACT: The authors study the composition, properties and structure of the elementary nuclei of Kimpersaysk chromium spinellides extracted by acids from six ore deposits of Kazakhstan. The chemical composition of the chromium spinellides is comparatively constant and close to stroichiometric with R_2O_3:RO ratio varying from 0.9 to 1.2. Chromium spinellides are classified with magnesium chromites $(Mg, Fe)Cr_2O_4$. The properties of chromium spinellides vary with composition according to a law which approximates a linear function. These materials melt at 2050-2060°C and belong to the higher class of refractory materials. Chromium spinellides hold promise for producing new types of refractory products. X-ray diffraction analysis shows that

Card 1/2 UDC: 553.461.001.5

ACC NR: AP6033370

Kimpersaysk chromium spinellides have a spinel type crystalline structure. Bivalent magnesium and iron cations are located in a tetrahedral environment with trivalent chromium, aluminum and iron cations in a octahedral environment. The cations have the following distribution in the elementary nucleus of these chromium spinellides: 5-6 Mg^{2+} ions and 2-3 Fe^{2+} ions located in tetrahedra, and 12-13 Cr^{3+} ions, 2-3 Al^{3+} ions and 1 Fe^{3+} are located in octahedra. The acid parameter for the Kimpersaysk chromium spinellides somewhat exceeds the value for an ideal spinel structure. This is explained by the expansion of the tetrahedral spaces and contraction of the octahedral spaces. Orig. art. has: 7 tables.

SUB CODE: 11, 20/ SUBM DATE: None/ ORIG REF: 021/ OTH REF: 005

Card 2/2

GORSHKOV, V.I.; VORONTSOVA, O.N.; PANCHENKOV, G.M.; ASPANDIYAROVA, S.S.

Equilibrium of alkaline earth metal ion exchange on the cation exchanger KU-1 ir hydrogen-form. Vest. Mosk. un. Ser. 2: Khim. 19 no.5:47-52 S-O '64. (MIRA 17:11)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.

ASPEL', N.B.; GOLOV, G.S.; POKHOZHAYEV, V.D.

Some characteristics of industrial plants for the catalytic reforming process. Khim.i tekh.topl.i masel 5 no.5: 1-7 My '60. (MIRA 13:7)

1. Lengiprogaz.
(Petroleum refineries--Equipment and supplies)

POKHOZHAYEV, V.D.; KISELEVA, E.A.; ASPEL', N.B.

Ways of increasing the octane numbers of automobile gasolines. Khim.i tekh. topl.i masel 6 no.2:5-10 F '61. (MIRA 14:1)

1. Lengiprogaz.
(Gasoline—Antiknock and antiknock mixtures)

ASPEL', N.B.; SREDIN, V.V.

Catalytic reforming. Neftianik 6 no.1:26-27 Ja '61. (MIRA 14:4)

1. Lengiprogaz.

(Petroleum--Refining)

GOLOV, G.S.; ASPEL', N.B.; POSTNIKOV, N.I.; RATNER, Ye.M.

Combining processes of catalytic reforming. Khim.i tekh.topl.i masel 7 no.9:8-13 S '62. (MIRA 15:8)

1. Lengiprogaz.

(Petroleum—Refining)

SREDIN, V.V.; ASPEL', N.B.

Use of apparatus for catalytic reforming and hydropurification in petroleum refineries. Khim.i tekh.topl. i masel 7 no.11:13-19 N '62. (MIRA 15:12)

1. Lengiprogaz.

(Petroleum refineries--Equipment and supplies)

ASPEL', N.B.; GOLOV, G.S.; BURSIAN, N.R.; MASLYANSKIY, G.N.

Domestic plants for catalytic reforming and the basic indices of their operation. Khim. i tekh. topl. i masel 8 no.5:4-8 My '63. (MIRA 16:8)

1. Lengiprogaz i Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

SMIRNOV, L.S.; ASPER, R.G.

Manufacture of knit velveteen. Tekst.prom. 20 no.7:43-44 Jl '60. (MIRA 13:7)
(Velvet) (Knit goods industry)

ASPERGER, S.

Yugoslavia (430)

Technology

Kinetics of the photochemical oxidation of chrome glue
p. 46, Arhiv Za Kemiju, Vol. 18, no. 1-4, 1946.

East European Accessions List, Library of Congress,
Vol. 1, no. 11, Dec. 1952. UNCLASSIFIED.

ASPERGER, S.

Yugoslavia (430)

Technology

Magnetism and chemistry. p. 142, ARHIV ZA KEMIJU, Vol. 20, no. 1-4, 1948,

East European Accessions List, Library of Congress, Vol. 1, no. 14, Dec. 1952. UNCLASSFIED

ASPERGER, S.

Yugoslavia (430)

Technology

The influence of temperature on the photooxidation of ethylene glycol with potassium bichromate. p. 59, ARHIV ZA KEMIJU, Vol. 21, no. 1-4, 1949.

East European Accessions List, Library of Congress, Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

ASPERGER, S.

HUGO

Conductometric determination of carbon dioxide. Hrvoje Tvekopić and Smiljko Asperger. *Bull. intern. acad. yougoslave sci. et beaux-arts, Cl. sci. math., phys. et tech.*, Livre 1, (N.S.) 5, 45-54(1952)(in English).—See *C.A.* 46, 7037i. N. Plavšić

ASPERGER, S.

Critical investigation of the paper "Conductometric determination of carbon dioxide" by H. Iveković and S. Asperger. Ž. Štalcer. *Arhiv Kem.* 24, 105-6(1952); cf. [illegible]977.—Polemical. Answer. H. Iveković and S. Asperger (Pharm. Fac., Zagreb, Yugoslavia). *Ibid.* 107-10.

Werner Jacobson

ASPERGER, S. Yugoslovia CA: 47:12001

with I. MURATI and O. CUPAHIN

Univ. Zagreb., Croatia, Yugoslavia

"Kinetics of the reaction of potassium ferrocyanide and nitrosobenzene: the catalytic action of mercuric ions and ultraviolet light."

J. Chem. Soc. 1953, 1041-6; cf. C.A. 47, 406h.

ASPERGER, S.

(3)

Spectrophotometric determination of traces of mercuric ions in distilled water. S. Asperger, I. Murati, and I. O. Cupahin. *Acta Pharm. Jugoslav.* 3, 20-6(1953)(English summary).—The reaction between $Fe(CN)_6^{4-}$ and nitrosobenzene is strongly catalyzed by Hg^{++}: $Fe(CN)_6^{4-} \xrightarrow[H_2O]{Hg^{++}}$ $Fe(CN)_5H_2O^{3-} + CN^-$; $Fe(CN)_5H_2O^{3-} + C_6H_5NO \rightarrow$ $Fe(CN)_5C_6H_5NO^{3-} + H_2O$. The complex formed is violet and its concn. at certain reaction time depends on the concn. of Hg^{++}. Aq. solns. of nitrosobenzene and $HgCl_2$ are brought to pH 3.5, the $Fe(CN)_6^{4-}$ soln. is adjusted to the same pH. Both solns. were thermostatted at 20°, mixed, and the extinction of light was measured against freshly prepd. solns. of nitrosobenzene and ferrocyanide at 528 mμ. When the concns. of $Fe(CN)_6^{4-}$ and C_6H_5NO are at optimum it is possible to det. the Hg^{++} even at concn. of $10^{-7}M$ by using a standard curve obtained with known amts. of $HgCl_2$. In the concn. interval 10^{-3} to $10^{-4}M$ the error may be 20%; between 10^{-4} and 10^{-5} it is 5%. V. Mihajlov

ASPERGER, S.

IVEKOVIC, H.: ASPERGER, S. "Still on Z. Stalcer's 'critical review.'" Arhiv. Za Kemiju, Zagreb, Vol 26, No 2, July 1954, p. 122

SO: Eastern European Accessions List, Vol 3, No 10 Oct 1954, Lib. of Congress

ASPERGER, SMILJKO

(3)

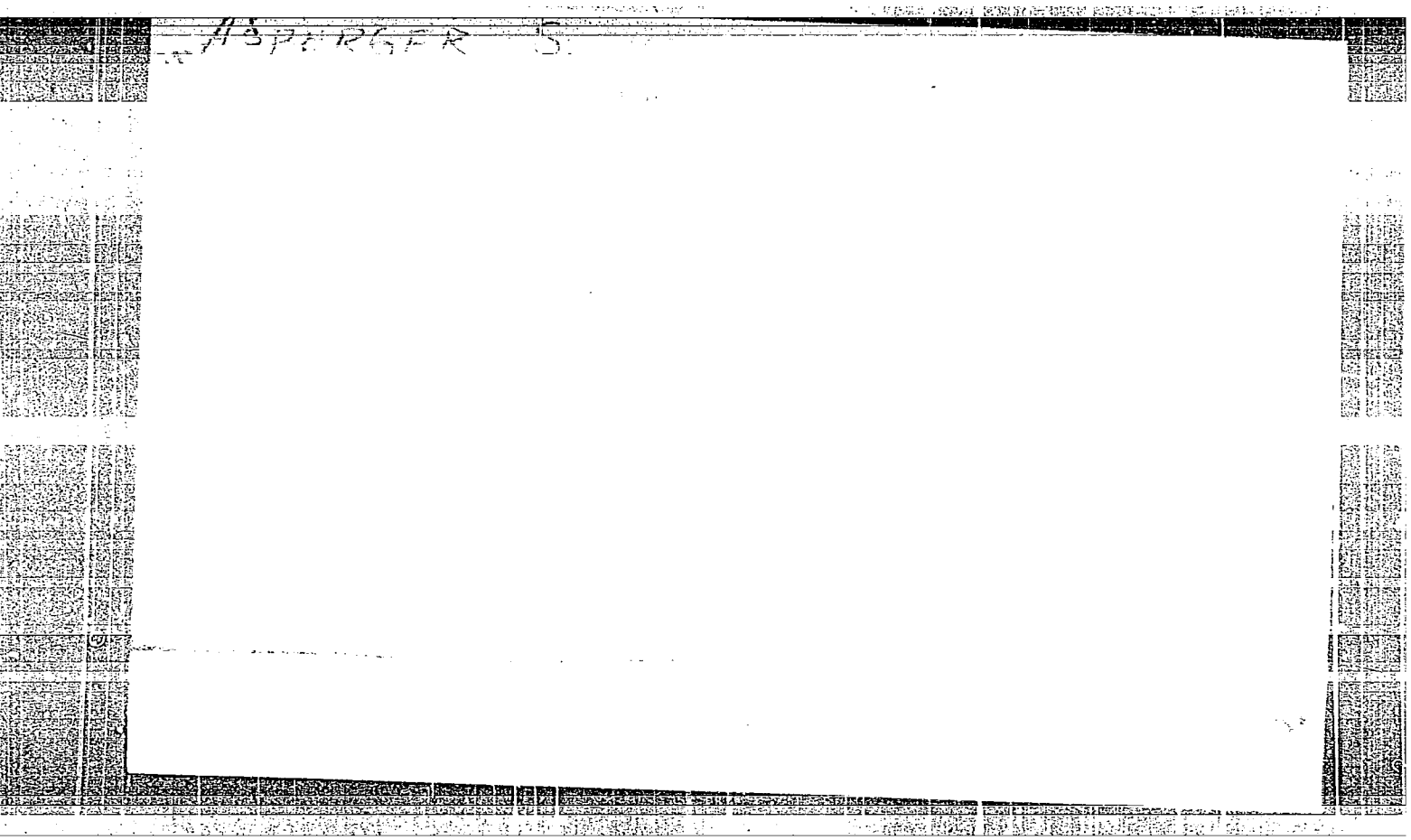
"Determination' of mercury in the atmosphere. Submicroanalytical determination of mercuric ion in bromine and chlorine water based on its catalytic action. Smiljko Asperger and Ivo Murati (Univ. Zagreb, Croatia, Yugoslavia). *Anal. Chem.* 26, 543-6(1954).--The reaction of $K_4Fe(CN)_6$ with nitrosobenzene in aq. soln. is strongly catalyzed by Hg^{++} ions. The concn. of the violet reaction product, $(Fe(CN)_5(C_6H_5NO))^{3-}$, at a fixed reaction time depends on the concn. of Hg^{++} ions present in the soln. A method is described for detg. the concn. of Hg^{++} ion by means of spectrophotometric estn. of the violet product. Vapors from the atm. are brought into soln. by means of Br or Cl. A thorough statistical treatment of the exptl. results is given. Roy W. Loan, Jr.

YUGO

Kinetics and mechanism of the reaction of potassium ferricyanide and nitrosobenzene catalyzed by mercuric and mercurous ions and organic mercuric compounds. S. Asperger and D. Pavlović (Univ. Zagreb, Jugoslavia). *J. Chem. Soc.* 1955, 1449–54; cf. Asperger, Murati, and Cupahin, *C.A.* 48, 9807h.—The reaction between $[Fe(CN)_6]^{3-}$ and PhNO is catalyzed by ultraviolet light, and the metallic ions Hg^{++}, Hg_2^{++}, Au^{+3}, and Pt^{++}. The reaction is: $[Fe(CN)_6]^{3-} \rightleftarrows [Fe(CN)_5H_2O]^{3-} + CN^-$; $[Fe(CN)_5H_2O]^{3-} + PhNO \rightarrow [Fe(CN)_5PhNO]^{3-} + H_2O$; $CN^- + H_2O \rightleftarrows HCN + OH^-$. Since the complex $[Fe(CN)_5PhNO]^{3-}$ is violet, its formation can be detected and followed spectrophotometrically. Ultraviolet light of wave lengths shorter than 4000 A. causes dissocn. of one CN group from the $[Fe(CN)_6]^{3-}$ radical and accelerates the slow thermal reaction. The presence of Hg^{++} ions also accelerates the reaction by formation of $Hg(CN)^+$ which then reacts with H^+ to regenerate Hg^{++}. Other heavy metal ions that have an affinity for CN^- also have a similar catalytic effect and stand in the order $Pt^{++} < Au^{+3} < Hg^{++} \approx Hg_2^{++}$. Org. Hg compds. such as phenylmercuric acetate, methylmercuric bromide, mercuri-o- and -m-hydroxybenzoate, methylmercuric bromide, and $[Hg(NC_4H_4O_2)_2]$ all show a catalytic effect but much smaller than that of the ions. The reaction was used in the *estn. of Hg* in burnt Hg alloys and in pharmaceutical preps. with an error of about 5%.

R. J. Grabenstetter

(1)



ASPERGER, S.

4

JAT(NB)

Kinetics and mechanism of the decomposition of complex cyanides of iron(II) and molybdenum(IV). S. Asperger, I. Murati, and D. Pavlović (Univ. Zagreb, Yugoslavia). *J. Chem. Soc.* 1960, 730–3.—The photodecompn. of $Fe(CN)_6^{4-}$ to $Fe(CN)_5H_2O^{3-}$ and the analogous reaction involving release of a CN group from $Mo(CN)_8^{4-}$ are both reversible in darkness. The energy of activation of the decompn. of $Fe(CN)_5H_2O^{3-}$ in the dark at elevated temp. is 28.2 kcal./mole and is higher by 8.4 kcal./mole than that of $Fe(CN)_6^{4-}$. The rate of formation of Fe^{2+} from $Fe(CN)_5H_2O^{3-}$ in the dark at elevated temp. is about 1/10 of the decompn. rate of $Fe(CN)_5H_2O^{3-}$ under the same conditions. This suggests the presence of an intermediate complex cyanide of Fe(II). In ultraviolet light, the rates differ only by a factor of +2 because the proposed complex is unstable in this light. Sidney Arden

ASPERGER, S.; ILAKOVIC, N.; PAVLOVIC, D.

Secondary deuterium isotope effect in some Snl and E2 reactions. Croat chem acta 34 no.1:7-12 '62.

1. Department of Physical Chemistry, Institute "Ruder Boskovic," Zagreb, and Department of Inorganic and Physical Chemistry, Faculty of Pharmacy, University of Zagreb, Zagreb, Croatia, Yugoslavia. 2. Clan Redakcionog odbora, "Croatica Chemica Acta" (for Asperger).

ORHANOVIC,M.; ASPERGER,S.

Mechanism of the exchange of chlorine in cis- and trans-chloronitrobis (ethylenediamine) cobal (III) ion with radioactive $^{36}Cl^-$ in methanol; abstract. Glas Hem dr 27 no.9/10:503-504 '64

1. The Ruder Boskovic Institute, Department of Physical Chemistry, Zagreb.

ASPERGER, S.; KLASINC, L.; PAVLOVIC, D.

Secondary α-deuterium isotope effects in the reaction of 2-phenylethyltrimethylammonium ion by hydroxide ion in aqueous solution and by ethoxide ion in ethanol. Croat chem acta 36 no.3:159-163 '64.

1. Department of Physical Chemistry of the Ruder Boskovic Institute, Zagreb, and Institute of Inorganic and Physical Chemistry of the Pharmaceutical and Biochemical Faculty, Zagreb. Submitted September 8, 1964.

ASPERGER, Zdravko Dr.

Old and new data on digitalis treatment. Lijec. vjes. 76 no.:9-10 495-508 1954.
(DIGITALIS, ther. use
review (Ser))

ASPERGER, Zdravko, dr.; VULETIC, Vinko, dr.

Dystopia of the pulmonary vein. (With report of a case).
Lijec. vjes. 81 no.11:831-837 '59.

1. Iz Interne poliklinike Medicinskog fakulteta u Zagrebu.
(PULMONARY VEINS abnorm.)

BERITIC, T.; ASPERGER, Z.

Syncope episodes. Lijecn. vjesn. 84 no.4:365-367 '62.

(SYNCOPE)

ASPERGER, Zdravko, dr.

Hypertensive crisis and its therapy. Lijecn. vjesn. 84 no.6:575-582 '62.

1. Iz Interne poliklinike Medicinskog fakulteta u Zagrebu.
(HYPERTENSION compl)

ASPERGER, Zdravko, dr

Accidents in injections. Lijecn. vjesn. 84 no.9:911-927 '62.

1. Iz Interne poliklinike Medicinskog fakulteta u Zagrebu.
(INJECTIONS) (IATROGENIC DISEASES)

IVANCIC, R.; URBANKE, A.; RADONIC, M.; KALLAI, L.; SARIC, S.; ASPERGER, Z.; CEPELJA, Z.

Latent stenosis of the aortic isthmus. Lijecn. vjesn. 85 no.2:183-186 '63.

(AORTIC COARCTATION)

S

YUGOSLAVIA

ASTERGLR, Dr Zdravko, and Dr Tomislav PERSIC, Polyclinic of Internal Medicine (Interna Poliklinika), Faculty of Medicine (Medicinski Fakultet), Zagreb.

"Accidental Hypothermia."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 4, April 1963, pp 423-430.

Abstract: /Authors' English summary modified/ The history, clinical picture, and pathophysiology of accidental hypothermia are discussed in the light of recent literature on the subject. The fundamental issue, viz., whether to warm the patient or not, remains unsolved. The authors provide a case report on a 59-year-old female patient who died with signs of shock 13 hours after admission.

Western and Yugoslav references.

1/1

ASPERGER, Z.

Placebos and the clinical evaluation of drugs. Lijecn. vjesn. 85 no.10:1162-1164 '63.

S

MANVELYAN, M.G.; GRIGORYAN, N.M.; PEN'KOVA, L.F.; GRIGORYAN, G.O.; ASPIRINA, Ye.G.

Use of carbonized calcium metasilicate in the production of dry voltaic cells. Zhur.prikl.khim. 34 no.11:2455-2459 N '61. (MIRA 15:1)

(Electric batteries) (Calcium silicate)

ASPIS, M.A., inzh.

Make extensive use of stationary switching equipment. Zhel.dor. transp.41 no.3:79 Mr '59. (MIRA 12:6)

1. Zamestitel' nachal'nika trasportnogo tsekha Koksokhimzavoda, Dneprodzerzhinsk.

(Railroads--Switching)
(Railroads--Yards--Equipment and supplies)

NEKHOROSHIY, I.Kh., inzh.; ASPIS, I.M., inzh.

Preparation of fine coal (silt) for power production in a pyrite-clay suspension. Izv. vys. ucheb. zav.; gor. zhur. 5 no.10: 164-170 '62. (MIRA 15:11)

1. Ukrainskiy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley. Rekomendovana kafedroy obogashcheniya poleznykh iskopayemykh Khar'kovskogo gornogo instituta.

(Coal preparation)

ASPIS, M.I., inzh. (Dneprodzerzhinsk)

Modernization of gondola cars. Zhel.dor.transp. 41 no.7: 94-95 Jl '59. (MIRA 12:12)

1. Dneprodzerzhinskiy koksokhimzavod.
(Railroads--Freight cars)

AGPISOV, D.I.

Acclimatization of muskrats in the Volga-Kama region. Trudy VNIO no.13:80-90 '53. (MLRA 7:5)
(Volga Valley--Muskrats) (Muskrats--Volga Valley)
(Kama Valley--Muskrats) (Muskrats--Kama Valley)