CIA-RDP86-00513R00051702

B1589 B030/B112 Influence of Polar Additives on the Quality of Liturius-Based Greases in Silicone Fluids There are 3 figures, 4 tables and 10 Soviet references. ASSOCIATION: Moskovskiy neftemaslozavod i VNII NP (Moscow Petroleum-Lubricant Works, and VNII NP) (Moscow Petroleum-Lubricant Works, and VNII NP) Card 3/3

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(





AUTHORS: Gromova, L.G., Dzhabar-Zade, R.M. S/794/62/000/001/009/010 Standard program for the integration of systems of ordinary differential TITLE: equations by the Runge-Kutta method. Vychislitel'nyye metody i programmirovaniye; sbornik rabot SOURCE: Vychislitel'nogo tsentra Moskovskogo universiteta. no. l. Ed. by N. P. Trifonov, G. S. Roslyakov, and Ye. A. Zhogolev. [Moscow] [zd-vo Mosk. un-ta, 1962, 278-292. The paper constitutes a contribution to the setting up of an ensemble of TEXT: standard computing methods comprising several variants which have different characteristics relative to the speed of operation, the volume of the memory required, the simplicity of its use, universality, etc., and which, therefore, may each be more directly suitable for a given problem. The program proposed here is intended for the numerical integration of systems of m ordinary differential equations of the type  $dy_i/dx = f_i(x, y_1, y_2, ..., y_n)$ , where i=1, 2, ...m, or its equivalent vector expression,  $d\vec{y}/dx = \vec{T}(x, \vec{y})$ , with the initial conditions  $\vec{y}|_{x=x} = \vec{y}_0$ , according to the Range-Kutta formular of the fourth order of accuracy. The process of numerical integra-Ringe-Card 1/2

CIA-RDP86-00513R00051702

# Standard program for the integration of .... S/794/62/000/001/009/010tion consists of successive stages, in each of which the known value of the solution $y(x_n)$ and the magnitude of the step $h_n$ are used to calculate the value $\overline{y}(x_{n+1})$ according to the Runge-Kutta formula. The computation program, the algorithm of the automatic selection of the step, the distribution of the operational circuit units, the logical program scheme, and the nonstandard operators used are described. There is 1 Russian-language Soviet reference: Ryabenkiy, V.S., Filippov, A.F., Ob ustoychivosti raznostnykh skhem (On the stability of difference schemes), Gostekhizdat, Moscow, 1956.

Å

L 18045-63 EWT(d)/FCC(w)/BDS AFFTC/IJP(C)			
ACCESSION NR: AP3001035 S/0055/63/000/003/0025/0	037		
AUTHOR: Gromova, L. G.	53		
TITLE: Weak lacunae of hyperbolic equations with two independent variab	les		
SQURCE: Moscow. Universitet Vestnik. Seriya I. Matematika, mekhanika, 1963, 25-37	no. 3,		
TOPIC TAGS: weak lacuna, hyperbolic differential equation	· ·	•	
ABSTRACT: Lacunae of linear hyperbolic equations	-		
$L\left(\frac{\partial}{\partial t}, \frac{\partial}{\partial x_1}, \ldots, \frac{\partial}{\partial x_n}\right)u = 0$	(1)		-
are those regions lying in the base of the characteristic cone (for t = and having the property that any sufficiently smooth changes of initial these regions do not influence the value of the solution at the vertex of characteristic cone. The first part of the paper states necessary and su conditions: In order for an interval in the base of the characteristic lar function $ \begin{array}{lllllllllllllllllllllllllllllllllll$	iata in E the ufficient triangu-		
Card 1/2	(2)		

\_\_\_\_

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

18045-63 CCESSION N	NR: AP3001035		· · · · · · · · · · · · · · · · · · ·	
o be a wea	ak lacuna of f:	irst order, it is necessary and su	ufficient that	
1)	b(x, i) = 0; 2)	$\alpha$ does not depend on $1; 3) c = 4$	$\frac{a^3}{4} + \frac{a_x}{2}.$ (3)	
ls a linear efficients)	r homogeneous 1 ) has no weak	hat the equation L (分子, 分文)u = c hyperbolic operator of high order lacunae. The weak lacuna is a lac	with constant co- cuna for derivatives of	
olutions c ratitude t liagram.	of some order w to <u>S, A, Gal'p</u> e	with respect to t. The author exp ern for his help. Orig. art, has	presses his deep 22 formulas and 1	
ratitude t liagram. SSOCIATION	to <u>S, A, Gal'p</u> e N: Moscovskiy	with respect to t. The author exp	22 formulas and 1	
ratitude t liagram. SSOCIATION	to <u>S, A, Gal'po</u> N: Moscovskiy iversity, Chair	with respect to t. The author exp ern for his help. Orig. art. has universitet kafedra differentsial	22 formulas and 1	
ratitude t liagram. SSOCIATION Moscow Uni	to <u>S. A. Gal'po</u> N: Moscovskiy iversity, Chair 07Aug62	with respect to t. The author exp ern for his help. Orig. art, has universitet kafedra differentsial r of Differential Equations)	22 formulas and 1 l'ny*kh uravneniy	
ratitude t liagram. SSOCIATION Moscow Uni UBMITTED:	to <u>S. A. Gal'po</u> N: Moscovskiy iversity, Chair 07Aug62	with respect to t. The author exp ern for his help. Orig. art. has universitet kafedra differentsial r of Differential Equations) DATE ACQ: 17Jun63	22 formulas and 1 l'ny*kh uravneniy ENCL: 00	

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702 \_\_\_\_\_. \_\_ \_ . . .

----

CC NR: AP5028479	SOURCE CODE: UR/0286/65/000/020/0064/0064
UTHORS: Levitin, I. A.; Gromova, L. G.; e. D. WY	Petrova, V. D.; Ioffe, A. I.; Marchenko,
RG: none TITLE: A method for obtaining rubbers. (	Hann 39, No. 175644 b
SOURCE: Byulleten' izobreteniy i tovarnyi	
TOPIC TAGS: <u>rubber</u> , ozone, antiozonant, a antizzonant mixture	cerisin, paraffin, petrolatum/ AF
ing a waxlike <u>antiozonant.</u> (To increase th AF, consisting of natural cerisin (30-70 v parts), paraffin (40-10 wt parts), and pe	vt parts), synthetic cerisin (20-5 wt
SUB CODE: 07, 11/ SUBM DATE: 11Sep62	,





YELSUKOV, M.P.; GROMOVA, L.I.; NOVIKOVA, A.V.

Pinching back and defoliation of forage beans in Moscow Province. Zemledelie 24 no.7:31-35 J1 '62. (MIRA 15:12)

GAVRILOV, K.I., dotsent; PARFENOVS, M.L., assistent; GFOMDVA, L.I., assistent

Search for new medicinal plants in the Stavropol flora yielding the antibiotics phytoncides. Uch. zap. Stavr. gos. med. inst. 12:159-160 '63. (MIRA 17:9)

1. Kafedra obshchey biologii (zav. kafedroy dotsent K.I. Gavrilov) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

GROMOVA. L.I., assistent

Comparative evaluation of the stimulating and inhibitive properties of aqueous root extracts from the plants of the Family Araliaceae. Uch. zap. Stavr. gos. med. inst. 12: 163-164 '63. (MIRA 17:9)

1. Kafedra obshchey biologii (zav. kafedroy dotsent K.I. Gavrilov) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

CIA-RDP86-00513R00051702

GROMOUR, L.S. pared; (i) stripping of a single thread of ourd from the rubber under static compression; (ii) stripping of a single thread of cord from the rubber under ra-peated compression; (iii) pulling out a single thread of cord before and after futigue, and testing of rub-her fabris models under repeated ahear, and (iv) testing of rubber fabric models under repeated compression. The results from (i), (iii) and (iv) correspond with each other and with the efficiency of the tyres on the test bench. Method (ii) is sensitive to various changes of mix and in the technology of preparation of the impregnent. The rubber used is mentioned incidentally as 8KB. There are 7 roloconces. Distr: 4B2c(j)







A RAN HAR CONTRACTOR MARTINE

CIA-RDP86-00513R00051702

STRATEGO STAT



Restorative surgery in patients with armored pleura following incorrect or combined therapy with artificial pneumothorax. Probl. tub. 38 no.3:56-61 '60. (MIRA 14:5)

1. Iz khirurgicheskoy kliniki (mav. - chlen-korrespondent AMN SSSR prof. L.K.Bogush) Instituta tuberkuleza AMN SSSR (dir. - chlenkorrespondent AMN SSSR prof. N.A.Shmelev). (PNEUMOTHORAX) (PLEURA-SURGERY)

BOGUSH, Lev Konstantinovich; GROMOVA, Lidiya Samoylovna; KAZIN, V.P., red.; ZAKHAHOVA, A.I., tekhn. red.

> [Surgical treatment of tuberculous empyemata] Khirurgicheskoe lochenie tuberkuleznykh empiem. Moskva, Medgiz, 1961. 131 p. (EMFYEMA) (MIRA 15:2)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

DO:

ALTYPANMAKOV, Anton; SHIFMAN, N.D. [translator]; BOGUSH, L.K., red.; GROMOVA, L.S., red.; MIRONOVA, A.M., tekhn. red.

> [Bronchoscopy and bronchography] Bronkhoskopiia i bronkhografiia. Pod red. L.K.Bogusha. Moskva, Medgiz, 1961. 126 p. (MIRA 15:4) 1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for

Bogush). (BRONCHI-RADIOGRAPHY) (BRONCHOSCOFY)

CIA-RDP86-00513R00051702



CIA-RDP86-00513R00051702



Use of new instruments for the operations of decortication of the lung and pleurectomy. Trudy NIIEKHAI no.5:253-257 '61. (MIFA 15:8)

1. Iz khirurgicheskoy kliniki Instituta tuberkuleza AMN SSSR. (LUNCS--SURGERY) (PLEURA--SURGERY) (SURGICAL INSTRUMENTS AND APPARATUS)

CIA-RDP86-00513R00051702

BOGUSH, L.K., prof., red.; SHEBANOV, F.V., prof., red.; GROMOVA, L.S., red.; LUUDKOVSKAYA, N.I., tekhn. red.
[Surgical treatment of patients with tuberculosis] Khirurgicheskoe lechenie bol'nykh tuberkulezom legkikh; truiy. Moskwa, Medgiz, 1963. 154 p. (MIRA 16:8)
1. Vsesoyuznoye soveshchaniye khirurgov i ftiziatrov, Moscow, 1962. (TUBERCULOSIS) (SURCERY)

CONTRACTOR OF A CONTRACT OF

GROMOVA. L. S., kand.med.nauk.

Morphology of the visceral pleura and pleural deposits surgically removed in rigid pneumothorax. Prohl. tub, no.1: 84 '63. (MIRA 16:5)

1 Iz khirurgicheskogo otdeleniya (zaveduyushchiy - chlen korrespondent AMN SSSR (rof. L.K. Bogush) TSentral'nogo instituta tuberkuleza, (direktor - deystvitel'nyy chlen AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR, Moskva. (PLEURA) (PNEUMOTHORAX)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

anter a series and a

SEVEROV, V.S. (Moskva, I-128, ul. 6-ya versta, d.2., kv. 33); SHIFMAN, N.D. GROMOVA, L.S. (Moskva)

> Use of the N.M.Titarenko aspirator in a clinic for lung sur-(MIRA 17:2) gery. Grud. khir. 5 no.2:117-119 Mr-Ap<sup>1</sup>63

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

RADKEVICH, R.A., prof.; UVAROVA, O.A., doktor med.nauk; UTKIN, V.V., kand. med.nauk; GROMOVA, L.S., kand.med.nauk: DYATLOVA. N.S., kand.med.nauk

Review of the book "Collection of transactions of the Republic Scientific Research Institute of Tubarculosis of the Ministry of Public Health of the Georgian S.S.R.; Vol.10." Probl. tub. 41 no.10:88-90 '63. (MIRA 17:9)

GROMOVA, M. I.

"On Beologic Characteristics of Para typhoid Pathogenic Agents in Calves in Cask and Novosibirsk Chlasts." Cask State Veterinary Inst. of the Min. Higher Elucation USSR, Cask, 1955. (Dissertation for the Degree of Candidate of Biological Sciences)

50: Knizimaya Letopis', No. 22, 1955, pp 93-105

7	S/075/62/017/002/002/004 B107/B138		
AUTHORS: ·	Peshkova, V. M., Gromova, M. I., and Aleksandrova, N. M.		
TITLE:	Successive spectrophotometric titration of thorium and of the sum of rare-earth elements		
PERIODICAL:	Zhurnal analiticheskoy khimii, v. 17, no. 2, 1962, 218 - 221		
rare earths I as indicat in a sample 3 to 4 order to solutions	hod was developed for determining about 10 <sup>-5</sup> M solutions of and of thorium with Komplexon III in th∋ presence of arsenazo or. Thorium and the rare earths were successively determined Compared with visual titration, sensitivity was improved by s. For the rare-earth determination, the following was added containing the rare earths in quantities between 10 µg and		
1.0 mg: 10 chloric acid	ml solution of arsenazo I $(1 \cdot 10^{-5} \text{M})$ , 1.0 ml of 0.1 N hydro- . 3 ml of 25 % urotropine solution (to obtain pH 6.6) and		•
5 ml of 1 % up to 100 ml	ascorbic acid (to reduce $Ce^{4+}$ ). The product was then topped and mixed. 20 ml of the mixture was titrated in a cuvette. 3 0.1 ml of Komplexon III solution at a time the optical den- asured at 575 mµ. The end point was determined graphically.	J	

CIA-RDP86-00513R00051702

Successive spectrophotometric ...

S/075/62/017/002/002/004 B107/B138

Checks revealed an error of less then 1 %. Thorium was determined at pH 2. It is important that the indicator concentration be at least as high as that of thorium. The following was added to a solution with  $20 \mu g$  to

0.5 mg of thorium; a 20-ml solution of arsenazo I  $(1\cdot10^{-4}M)$  and 10 ml of 0.1 N hydrochloric acid. The further course is as above. Checks revealed an error of 0.3 %. The successive determination of thorium and the rare earths is possible for a Th:RE ratio between 1:1 and 1:100, but is not if Th:RE = 100:1. For determination purposes, 10 ml of 0.1 N hydrochloric acid and 20-ml solution of arsenazo I  $(10^{-5}M)$  were added to 0.02 - 0.05 mg of Th and 0.1 - 1.0 mg of RE, and topped up to 100 ml. 20 ml was titrated as above; 1 ml of 25 % urotropine solution was then added in the cuvette, and the rare earths were titrated. Checks revealed the same error limits as above. For comparison a monazite sample was analyzed by spectrophotometric titration and by the oxalate method. Yu. A. Chernikhov and F. V. Zaykovskiy are mentioned. There are 2 figures, 4 tables, and 7 references: 5 Soviet and 2 non-Soviet. The two references to Englishlanguage publications read as follows: Bril K., Holzer S., Rethy B., Analyt. Chem. <u>31</u>. 1353 (1959); Wylie A., J. Chem. Soc. 1687 (1947).

Card 2/3





(13) (13)

- 1. PESHKOVA, V. M., GROMOVA, M. I.
- 2. USER (600)
- 4. Rhenium
- 7. Colorimetric determination of rhenium with the use of dioxires. Vest. Mosk. un. 7 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

# "APPROVED FOR RELEASE: Thursday, July 27, 2000



PLEEKOVA, V. M., GANNOVA, M. I., YEFTHAN, I. F., KARAYAT, S. A.

"Spectrophotometric Investigation of Complex Compounds of Rare Earth Elements,"

Rare Earth Elements (Extraction, Analysis, Use), Published by the Institute of Geochemistry and Analytical Chemistry Imeni V. I. Vernadskiy, 1958, Moscow.

(Chemical Faculty of the Moscow State University Im. M. V. Lomonosov), p. 277-283.

5 (2,3) AUTHORS:	Gromova, M. I., Varaksina, I. F., SOV/55-58-6-22/31 Peshkova, V. H.
TITLE:	Spectrophotometric Investigations of the Complex Compounds of Samarium With Citric Acid, Lactic Acid and Trioxyglutaric Acid (Spektrofotometricheskoye issledovaniye kompleksnykh soyedine- niy samariya s limonnoy, molochnoy i trioksiglutarovoy kislotami)
PERIODICAL:	Vestnik Moskovskogo universiteta. Seriya matematiki, mekhaniki, astronomii, fiziki, khimii, 1958, Nr 6, pp 171 - 179 (USSE)
ABSTRACT: Card 1/3	Various scientific treatises have permitted the statement (Refs 2,6,11-13) that the absorption spectra of the rare earth ele- ments change in the course of the formation of the complexes. The absorption maxima are displaced in dependence of the con- centration of the complex forming addition and of the change of the pH-value of the solution. This displacement permits con- clusions to be drawn on the stability of the various complex compounds of the rare earth elements as well as on the pH range in which they exist. From this point of view the investigations mentioned in the title were carried out. The ST-4 spectro-pho- tometer was employed for the measurement of the absorption spectra whilst the pH-value of the solutions was ascertained

CIA-RDP86-00513R00051702

Spectrophotometric Investigations of the Complex SOV/55-58-6-22/31 Compounds of Samarium With Citric Acid, Lactic Acid and Trioxyglutaric Acid

> by means of the potentiometer LP-5, provided with a glass slectrode. The initial solution was a samarium-perchlorate solution. In order to determine the exact position of the maxima of the samarium ion the initial solution was taken spectro-photoretrically (The respective data are found in table 1 and in fig 1) and the data obtained wore then compared with those of Prandtl, Ref 10. The molar absorption coefficients of the principal maxima agreed with data from publications (Refs 3,7,8,9). The further modifications of the samarium spectrum in the presence of the complex forming addition were observed on the wave length of the absorption maximum  $\lambda$ =401mµ. The spectra of solutions having different pH values and different ratios of samarium and complex-forming additions were taken (Figs 3 and 4). The limits of the pH values within which the various complex compounds are capable of existing, are compiled in the tables 3,4,5. In the pH-walue field 1-12 2 complex compounds of samarium with the citric acid and also trioxyglutaric acid were ascertained, as well as one compound with the lactic acid in an acid medium. In basic media only hydroxide precipitates are

Card 2/3

CIA-RDP86-00513R00051702

Spectrophotometric Investigations of the Complex SOV/55-58-6-22/31 Compounds of Samarium With Citric Acid, Lactic Acid and Trioxyglutaric Acid

> formed. The stability of these complex compounds was investigated with respect to hydroxyl ions, oxalate ions and fluoride ions. Photometrical data permitted the conclusion to be drawn that the compounds with citric acid and trioxyglutaric acid exhibit about the same degree of resistance, and that they are by far more resistant than the compound with the lactic acid. The authors thank G. K. Yeremin and L. I. Martynenko for placing the spectrally pure samarium salt at their disposal. There are 4 figures, 6 tables, and 17 references, 3 of which are Soviet.

ASSOCIATION: Kafedra analiticheskoy khimii (Chair for Analytical Chemistry)

SUBMITTED: April 15, 1958

Card 3/3

2 £ 1 F NUMBER OF STREET, ST. restant in the Version taor, B.-E., N. R. Durli, est N. A. Budaly. Proma of the der Bulirte is building class as Conseyer of the Flat. in P. E. De ar and the second will and the second second and the second s PONT, NOT The second of the bar Institut pochiali I umilitichony bliati PARE : NON EXPLOTATION 41 nethons, T. H., H. J. Stratta, C. N. McLan Sociophysics of Tavarianty of Argins, Lionate temperomities I. S. Appletes the selection blacky Mathematics Mark Tarth Them its homener, K. T., and Y. A. Durstein, " 1 3 Ĵ NATA TAY 28 ŝ

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

"APPROVED FOR RELEASE: Thursday, July 27, 2000

GROMOUA, M. J.

niciana ana

CIA-RDP86-00513R00051702

7

"APPROVED FOR RELEASE: Thursday, July 27, 2000

GROMOVA, M.I.; NOVITSKAYA-YANKOVSKAYA, T.

Spectrophotometric study of complex compounds of praseodymium with lactic acid. Vest. Mosk un. Ser. 2: Khim. 15 no.4:55-58 JI-Ag '60. (MIRA 13:9)

1. Kafedra analiticheskoy khimii Moskovoskogo universiteta.
 (Praseodymium compounds) (Lactic acid)
FESHKOVA, Valentina Moiseyevna; <u>GROMOVA, Margarita Ivanovna; ALIMARIN,</u> I.P., prof., otv. red.; <u>GOL'DENBERG</u>, G.S., red.; LAZAREVA, L.V., tekhn. red. [Practical manual on spectrophotometry and colorimetry] Frakticheskoe rukovodstvo po spetrofotometrii i kolorimetrii. Moskva, Izd-vo Mosk. univ., 1961. 172 p. (MIRA 1511) 1. Chlen-korrespondent AN SSSR (for Alimarin). (Spectrophotometry) (Colorimetry)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

CREATE THE PROPERTY OF THE PRO

Sector Sector Sector

N de la de l

CHISTOPHER MERINES DEFINISHED BIN IN MICHINES MICHINES IN THE STREET

CIA-RDP86-00513R00051702

GROMOVA, M.I.; KHIL'MAN, Ya.I.; PESHKOVA, V.M.

Complex compounds of erbium with trihydroxygluataric acid. Vest. Mosk.Un.Ser.2: khim. 16 no.6:41-46 N-D '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet. Kafedra analiticheskoy khimii.

(Erbium compounds)

このない しょう いっかい おいま いまか しかい いいち うち かんしょう

(Glutaric acid)

## GROMOVA, M.I., assistent

Controlling the water wole with bacteriological means. Zashch. rast. ot wred. i bol. 7 no.10:26 0 '62. (MIRA 16:6) 1. Kafedra mikrobiologii Omskogo veterinarnogo instituta. (Tara District-Water voles-Biological control)

CIA-RDP86-00513R00051702

FESHKOVA, V.M.; GROMOVA, M.I.; ALEKSANDROVA, N.M. Successive spectrophotometric titration of thorium and of the sum of rare earth elements. Zhur.anal.khim. 17 no.2:218-221 Mr-Ap '62. (MIRA 15:4) 1. Lomonos Moscow State University. (Thorium--Spectra) (Rare earths--Spectra)

CIA-RDP86-00513R00051702

GROMOVA, M.I.; PERELYAYEVA, G.N.

Complex formation in the system thenzoyl acetone - gadolinium chloroform - water studied by the distribution method. Vest.-Mosk.un. Ser.2:Khim. 18 no.1:58-60 Ja-F '63. (MIRA 16:5)

1. Kafedra analiticheskoy khimii Moskovskogo universiteta. (Gadolinium compounds)

.

•

1

· · · · · · · · · · · · · · · · · · ·	S/0189/64/000/004/0057/	0061	
UTHORS: Gromova, M.I.: Romants	va, T. I.; Peshkova, V. N.	20	
ITLE: Using the absorption sp seodymium, neodymium an these elements	ectra of the dichloroxinates d samarium for the determinat	of pra- ion of	
OURCE: Moscow. Universitet. V 1964, 57-61	estnik. Seriya 2. Khimiya, n	0.4,	
OPIC TAGS: praseodymium, neod etermination, dichlorohyd te, extraction, coefficient o	roxyquinoline, rare earth dic	hloroxin-	
BSTRACT: The spectrophotometr eodymium and samarium, or mix ichlorohydroxyquinoline was i	tures of these, complexed wit nvestigated. Optimum extract	h 5,7- ion of	
hese complexes from aqueous s .5 -7 to 8.5-10 range; below he <u>rara earth</u> salts were diss rd 1/3 21	olutions with chloroform is i pH 6.5 complex formation is i	n the pH n progress,	

## CIA-RDP86-00513R00051702

L 29946-65 ACCESSION NR: AP4044080 used as a 0.1% solution in 3N HCl. The absorption spectra of the rare earth dichloroxinates were obtained. All three complexes absorb strongly in the 395-400 millimicron region; Nd has several peaks, while Pr and Sm show no peaks in the 500-850 millimicron region; the Nd maximum at 581 millimicrons is most pronounced; Sm has a maximum at 1085 millimicrons. Concentrations of the elements in Nd-Pr and Nd\_Sm mixtures were determined by solution of the equation D =  $1 \sum \epsilon_{\lambda_i} c_{\alpha_i}$ , where  $n = 2, \lambda_i = 581$  and  $\lambda_i = 640$  millimicrons for Nd-Pr, and  $A_1 = 581$  and  $A_2 = 1085$  millimicrons for Nd-Sm mixtures. The coefficients of extinction E for the selected wave lengths (in millimicrons) for the various complexes: Pr, at  $\lambda = 581$ ,  $\varepsilon = 10.34$  and at  $\lambda = 640$ ,  $\varepsilon = 7.85$ ; Sm, at  $\lambda = 1085$ ,  $\varepsilon = 5.0$  and at  $\lambda = 581$ ,  $\varepsilon = 3.6$ ; Nd, at  $\lambda = 581$ ,  $\varepsilon = 63.0$  and at  $\lambda = 640$ ,  $\varepsilon = 7.8$ . Because of the limited solubility of these rare earth complexes in chloroform, the deter-minable concentration of Nd in Pr and Sm is in the 1 x 10-4 to 5 x  $10^{-4}$  M range (0.014-0.072 mg/ml of Nd in the presence of 0.12-0.07 mg/ml of Pr or 0.13-0.075 mg/ml of Sm). Pr and Sm cannot be determined in the presence of relatively large amounts of Nd. Orig. art. has: 2 tables and 3 figures. Card 2/3

CIA-RDP86-00513R00051702



FESHKOVA, Valentina Moiseyevra; <u>GROMOVA</u>, <u>Nargarita lvanovna;</u> ALIMARIN, I.F., prof., otv. red.; DEAGACHEVA, Ye.G., red.

> [Laboratory manual on spectrophotometry and colorimetry] Prakticheskoe rukovodstvo po spektrofotometrii i kolorimetrii. Izd.2., perer. i dop. Moskva, Mosk. univ., 1965. 227 p. (MIRA 18:12)

1. Chlen-korrespondent AN SSSR (for Alimarin).

CIA-RDP86-00513R00051702

ROMANTSEVA, T.I.; GROMOVA, M.I.; FESHKOVA, V.M.

Spectrophotometric determination of neodymium in the presence of praseodymium and samarium. Vest. Mosk. un. Ser. 2: Khim. 20 no.6:74-78 N-D '65. (MIRA 19:1)

1. Kafedra analiticheskoy khimii Moskovskogo universiteta. Submitted March 22, 1965.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

1. 1. A.

L 30227-66 EWP(j)/EWT(m)/EWP(t)/ETI IJP(c) RM/JD/JG ACC NR: AP6013827 SOURCE CODE: UR/0189/65/000/006/0074/00	078
AUTHOR: Romantseva, T. I.; Gromova, M. I.; Peshkova, V. M.	6
ORG: Chair of Analytical Chemistry, Moscow State University (Kafedra analitichesko khimii, Moskovskiy gosudarstvennyy universitet)	у
TITLE: Spectrophotometric determination of <u>neodymium</u> in the presence of praseodymi and samarium	um
SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 6, 1965, 74-78	
TOPIC TAGS: spectrophotometric analysis, neodymium, praseodymium, samarium, absorption spectrum, organometallic compound ( ABSTRACT: Absorption spectra of complex compounds formed by neodymium, samarium an praseodymium with 7-iodo-8-hydroxyquinoline-5-sulfonic acid were studied. A strong hypsochromic shift of the absorption band of this reagent in alkaline media, combin with the bathochromic shift of the characteristic absorption maximum of the complex formed by this reagent with neodymium, creates favorable conditions for determining neodymium at $\lambda_{max}$ 581 mp. Neodymium was determined in Nd-Pr and Nd-Sm pairs in wat	ned K
-alcohol solutions at pH 8.0-11.0, using two wavelengths: $\lambda_1$ 581 mµ and $\lambda_2$ 590 mµ. The data show that the method used permits a sufficiently accurate determination of neodymium in praseodymium and samarium in amounts of 0.0043-0.043 mg/m1 (or 3.10 <sup>5</sup>	 F
UDC: 543.7	
Card 1/2	

- 1.10 <sup>-4</sup> 3 formula		l:Pr(Sm) rati	os of 1:99 to	1:8. Orig. art. has	: 4 figures	, 2 tables,
SUB CODE	07/	SUBM DATE	: 22Mar65/	ORIG REF: 009/	OTH REF:	005
			•			
						a de la companya de la
				• •,	•	
Card 2/2	л <b>е</b> ,					

CIA-RDP86-00513R00051702

NR: AP6010716	SOURCE CODE: UR/0189/66/000/	
.:: Ci.: Romantseva, T. I.; Gromova	a, M. I.; Peshkova, V. M.	-27
K: Analytic Chemistry Department khimii, Moskovskiy gosudarstv	t. Moscow State University (kafedra	analiticheskoy
LE: Use of different variants of tion of erbium in holmium	of spectophotometric measurements i and thulium and of ytterbium in lut	n the dotermina-
JURCE: Moscow. Universitet. Vest	nik. Seriya II. Khimiya, no. 1, 196	6, 73-78
PIC TAGS: spectrophotometric and lutetium	alysis, erbium, holmium, thulium, j	rtterblum,
ures for their individual component f the spectrophotometric method a nalysis of separate pairs of rare ounds of a series of elements of -sulfonis acid. Absorption spect olmium, thulium, ytterbium, and l o and Er-Tm pairs, and a statisti	the spectrophotometric analysis of a onts, the authors have compared dif- and attempted to show their applical earth elements, taking as an examp the yttrium subgroup with 7-iodo-8- tra of water-alcohol solutions of c lutetium were studied. Erbium was leal treatment of the results shows of the Er-Tm pair, whereas in the However, Er was reliably determin	bility to the ple complex com- -hydroxyquinoline- omplexes of erbium
Card 1/2	UDC: 543.7	

aking use athematic but the st he determ rom 5 to	al treatment of t andard deviation ination of Er in 10% (1.5 x 10 <sup>-4</sup> M om 15 to 30% (4.5	I method. Itterbium was determ the results showed the errors to was fairly appreciable. The me amounts from 3 to 10% (9 x 10 <sup>-5</sup> I - 3.0 x 10 <sup>-4</sup> M) in Ho, and the i x 10 <sup>-4</sup> M - 9.0 x 10 <sup>-4</sup> M) in Ho	be random in character, thods employed permitted $M - 3 \times 10^{-4}$ M) in Th and determination of Th 4	
SUB CODE:	07/ SUFM DATE:	024pr65/ ORIG REF: 006		
	-			
Card 2/2	92			
	77			

L 07162-67 EWP(j)/EWT(m) RM ACC NR: AP6028198 SOURCE CODE: UR/0189/66/000/002/0080/0082	
AUTHOR: Romantseva, T. I.; Gromova, M. I.; Peshkova, V. M.	
ORG: Analytical Chemistry Department (Kafredra analiticheskoy khimii)	
TITLE: Study of complexing in the system neodymium - 5,7-dichlorooxine - amyl acetate- water	
SCURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 2, 1966, 80-82	
TOPIC TAGS: neodymium compound, stability constant, chelate compound	
ABSTRACT: Complexing between Nd and 5,7-dichlorooxine (Cl <sub>2</sub> OX) was studied in the system Nd - Cl <sub>2</sub> OX - amyl acetate - H <sub>2</sub> O. The overall and successive stability constants of the complex formed were calculated by the methods of (1) Bjerrum (graphically and by computation) and (2) Dyrssen and Sillen. The complex was found to have the composition Nd(Cl <sub>2</sub> OX) <sub>3</sub> . The overall stability constant is -4.37, whereas the corresponding constant for the Nd - Cl <sub>2</sub> OX - chloroform - H <sub>2</sub> O system is -4.58. This indicates that the advantage of amyl acetate over chloroform in extracting dichloroxine complexes of rare earths lies in the fact that the extraction with amyl acetate begins in a more acidic medium, i. e., under conditions where the rare earth ion cannot hydrolyze. Orig. art. has: 3 figures, 1 table and 1 formula.	
SUB CODE: 07/ SUEM DATE: 21Jul65/ ORIG REF: 002/ OTH REF: 004	
Card 1/1 h. 2 UDC: 543.7 546	

۰.

CIA-RDP86-00513R00051702

ALKKSEYEV, A.F.; BORISENKO, A.P.; GLIKSON, V.I.; GROMOVA, N.F.; KRASOVSKAYA, A.I.; NOVIKOVA, N.N.; OVCHAROVA, A.I.; KHVOYNIK, P.I.; CHURAKOV, V.P.; SHASTITKO, V.N.; GEORGIYEV, Ye.S., red.; SHIL'DERUT, V.A., red.; LEVCHUK, K.V., red.; LEKANOVA, I.S., tekhn.red.

> [Prices on the world capitalistic market; a handbook] TSeny mirevogo kapitalisticheskogo rynka; spravochnik. Moskva, Vneshtorgizdat, 1958. 391 p. (MIRA 12:7)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Prices)

CIA-RDP86-00513R00051702

ALKKSAHDROV, P.A., kand.arkhitektury; GROMOVA, N.M., kand.farmatsevticheskikh nauk; KAPITSA, N.K., arkhitektor; SAMSONOV, G.A., arkhitektor; DAMOVSKIY, V.F., arkhitektor, nauchnyy red.; OSELEDETS, Z.M., red. izd-va; GILENSON, P.G., tekhn.red.

> [Auxiliary therepeutic departments of general hospitals; menual on the planning of pharmacies, laboratories, and physical therapy departments] Lechebno-vspomogatel'nye otdeleniis bol'nits obshchego tipa; posobie dlis proektirovaniis aptek, laboratorii, fiziotorapevticheskikh otdelenii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 122 p. (MIRA 14:2) (HOSPITALS--CONSTRUCTION)

GROMOVA, N.M.; KOGAN, A.P.

Standardization of the work of employees in self-supporting pharmacies. Method of calculating staff composition according to indexes of commodity turnover. Report no. 1. Apt. delo 9 no. 4:29-36 J1-Ag '60. (MIRA 13:8) (DRUGSTORES) (WORK MEASUREMENT)





CIA-RDP86-00513R00051702

GROMOVA, N.M.; SHURYGINA, L.M.; KARIKH, M.T.

CHORE AND AND THE SHOP

Planning self-supporting pharmacies. Apt. delo 11 no.2:7-18 Mr-Ap 162. (MIRA 15:5

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut. (DRUGSTORFS)

CIA-RDP86-00513R00051702

KULAKOV, D.V., arkh., rod.; GROL.VA, K.M., Komo. Parento. reak, red.

[Instructions on the designing of drugstores, approved by the State Conmittee for Construction and Architecture Attached to the Constitute for Construction of the U.A. L. on March 31, 1964] Ukananiu po proextitevanity after pograzhdansketu stroitel'rivu i arkhitektare pri Grootene SSSR 31 marth 1964 g. Heskyn, Stroitedat, 1962, 10 p. (MirA 17:9)

1. Russia (1923- U.S.G.P., Komitet jo grazhdanskoru stroitel'stvu. 2. Gonudarstvennyy komitet je prazhdans skomu stroitel'stvu i arkhitekture pri Genetroye 2025 (for Kulakov). 3. "Pentral'nyy spiechnyy nauchno-instedovatel'skiy institut Ministerstva zdravadshraneniya Goda (for Gromova).

ORONOVA, Nina Pavlovna; GRINGAUZ, S., redaktor; YAKOVIEVA, Ye., tekhnicheskiy redaktor [Visual aids for propaganda on collective farms] Nagliadnaia agitatsiia v kolkhose. [Moskva] Voskovskii rabochii, 1956. 61 p. (MIRA 9:11) 1. Sekretar' partiynoy organizatsii kolkhosa imeni XIX partiynogo s'yesda, Kashirakogo rayona, Moskovskoy oblasti. (Adult education)

$L = \frac{663h_2 - 67}{1} = EWP(j)/EWT(m) = IJF(c) = RM/WW$	<u></u>
$\frac{1 - 0.9522 - 0.7}{ACC NR: AP6030325} \qquad (A, N) \qquad \text{SOURCE CODE: UR/0153/66/009/003/0486/0490}$	·
AUTHOR: Gul', V. Ye.; Kovriga, V. V.; Rogovaya, E. M.; Gromova, N. P.	
ORG: Department of Polymer Chemistry and Technology, Moscow Technological Institute of the Meat and Dairy Industry (Kafedra khimii i tekhnologii polimerov, Moskovskiy	
tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti)	
TITLE: Study of the effect of supermolecular structures of isotactic polypropylene	
SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 3, 1966, 486-490	
TOPIC TAGS: polypropylene plastic, polymer structure, mechanical property	
AESTRACT: The authors continue their study of the relationship between the crystal structure and <u>mechanical properties</u> of polypropylone by considering the relationship between the strength characteristics (breaking stress and elongation at rupture) and the size of spheroidal aggregates in films of isotactic polypropylene. The dynamic degree of crystallinity of the films was detormined from NNR data, and found to remain unaffected by the formation of spherulitos of various sizes. The strength character-istics decrease substantially with increasing spherulite size. In the presence of spherulites $\geq 165 \mu$ in size, brittle failure of the material takes place under the deformation conditions employed. Failure along the spherulite boundaries and in the spherulites themselves is equally probable. The causes of change in the character of	
Card 1/2 UDC: 541.6	
•	

e stress-strain rel zed. Authors express th rding of MAR spectra. (	eir thanks to I. Ya	. Slonim for hi	s assistance	ies are ana- in the re-	
B CODE: 11/ SUBM DATE:	02Jun64/ ORIG RE	F: 004			
				·	
,					
			*		
					-
				•	_
ala u Pr					
d 2/2 m/2					

EWT(m)/EPF(c)/EWP(j)/T Pc-4/Pr-4 . BM L+12010-65 s/0190/64/006/010/1868/1870 B ACCESSION NR: AP4047217 Gul', V. Ye.; Kovriga, V. V.; Rogovaya, E. H.; Gromova, N. P. AUTHOR: TITLE: Structural changes in specimens of crystalline polymers during their breakdown SOURCE: Vy\*sokomolekulyarny\*ye soyedineniya, v. 6, no. 10, 1964, 1868-1870 TOPIC TAGS: polypropylene, crystalline structure, spherulite, spherulite deformation, spherulite breakdown ABSTRACT: Changes of the initial crystalline structures of polypropylene prepared under various conditions have been studied during mechanical failure with the MKU-1 microscope. The experiments were conducted at 20C with films of polypropylene containing spherulites varying in size from 25 to 105 4. The films were subjected to uniazial deformation at a rate of 10 mm/mm. It was shown that, regardless of size, all spherulites melt during deformation, and new fibrous structures are formed. Failure of polypropylene specimens containing fine Card 1/2 .....

8

L 12010-65 Accession NR	: AP4047217				· · · ]	
these spheru oriented in containing l their disint	lites and the directio arge spherul egration int The atrengt banges of fi	gives ri on of the def lites (diamet to fragments) th of polypro lne of large	of microns) of se to new cry forming force ar, bver 100 which form of bylene specifies spherulites of	Failure o $\mu$ ) is accomp riented crys	of specimo oanied by stalline scted by	
and failure. ASSOCIATION: promy*shlenn	Orig. art.	hasi / rig	guras." haskiy insti al Institute (	tut myasnoy of the Meat	i moloch and Milk	noy
and failure. ASSOCIATION: promy*shlenn Industry)	Orig. art.	, has' / fig y takhnologic m.Téchnologic	juras. hoskiv insti	tut myasnoy of the Meat SUB CODE:	,	noy
and failure. ASSOCIATION: promy*shlenn Industry) SUBMITTED:	Orig. art. Moskovskij osti (Moscow	, has: / fig y takhnologic h:Téchnologic ENCL: (	guras. haskiy insti al Institute (	or the Meat	OC, 88	noy
and failure. ASSOCIATION: promy*shlenn Industry)	Orig. art. Moskovskij osti (Moscow 19Dac63	, has: / fig y takhnologic h:Téchnologic ENCL: (	guras. heskiy insti al Institute ( DO	SUB CODE:	OC, 88	noy
and failure. ASSOCIATION: promy*shlenn Industry) SUBMITTED:	Orig. art. Moskovskij osti (Moscow 19Dac63	, has: / fig y takhnologic h:Téchnologic ENCL: (	guras. heskiy insti al Institute ( DO	SUB CODE:	OC, 88	noy
and failure. ASSOCIATION: promy*shlenn Industry) SUBMITTED:	Orig. art. Moskovskij osti (Moscow 19Dac63 006	, has: / fig y takhnologic <u>Tachnologic</u> ENCL: ( OTHER:	guras. heskiy insti al Institute ( DO	SUB CODE:	OC, 88	noy

CIA-RDP86-00513R00051702

AGRANOVSKAYA, I.A.; ALYUSHINSKIY, YU.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.; BOCHARNIKOVA, A.D.; VOYEVODOVA, Ye.; GROMOVA, N.S.; ZAUYER, V.V.; MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; STEL'MAK, N.K.; EHAYKINA, S.L.; EDEL'SHTEYN, L.I. [deceased]; MAKRUSHIN, V.A.; tekhn.red.

[Atlas of upper Cretaceous, Paleocene and Eocene spore and pollen complexes in certain regions of the U.S.S.R.] Atlas verkhnemelovykh, paleotsenovykh i eotsenobykh sporovo-pyl'tsevykh kompleksov nekotorykh raionov SSSR. Leningrad. 1960, 574 p. (Leningrad. Vsosoiuznyi geologicheskii institut. Trudy, vol.30). (MIRA 13:10)

l. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut
Ministerstva geologii i okhrany nedr SSSR (for Alyushinskiy, Asatkina, Boytsova, Gromova, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak,
Bil'shteyn). 2. Ural'skoye geologicheskoye upravleniye Ministerstva
geologii i okhrany nedr SSSR (for Agranovskaya, Bocharnikova, Martynova). 3. Severo-Vostochnoye geologicheskoye upravleniye Ministerstva
geologii i okhrany nedr SSSR (for Voyevodova, Khaykina). 4. Leningradskiy filial Gidroproyekta Ministerstva elektrostantsiy (for Zauyer). (Palynology)

CIA-RDP86-00513R00051702

SAL'NIKOV, B.A.; GROMOVA, N.S.; SHTEMFEL', B.M.; AZHGIREVICH, L.F.;
SAL'NIKOVA, L.I.; SIMITSYN, V.M., doktor geolog.-mineral.mauk, otv.red.; MORACHEVSKII, D.Ye., red.izd-va; KUZNETSOV, G.V., red.izd-va; ZENDEL', M.Ye., tekhn.red.
[History of Paleogene coal accumulation in Sakhalin] Istoria paleogenovogo uglemakopleniia na territorii Sakhalina. Moskva, Izd-vo Akad. nauk SSSR, 1963. 167 p. 22 plates. (Akademiia nauk SSSR. Laboratoriia geologii uglia. Trudy, no.17). (MIRA 16:2)
Noskva, Izd-vo Akad. nauk SSSR. Geology)

1 65040-65 EWT(1)/EWG(v) GW			к. <sup>6</sup>
ACCESSION NR; AP5022920	UR/0362/65/001/0 551:521.32	09/0952/0963	
AUTHOR: Gromova, N. V.; Feyrel	L'son, Ye. N.	14	
TITLE: Outgoing radiation in a		$\mathcal{B}$	
SOURCE: AN SSSR. Izvestiya. 1965, 952-963	Fizika atmosfery i okean	a, v. 1, no. 9,	
TOPIC TAGS: optical thickness, radiation, cloud reflecting pro	, atmosphere physics, <u>alb</u> operties, cloud albedo	edo, outgoing 12,55,44	, c
ABSTRACT: The angular and specessaping from the atmosphere har range of $0.4-0.95 \mu m$ beyond the heights and thicknesses of the	is been calculated for th le absorption bands and f	e spectral or various	۰. ب
was determined as a function of sun, as proposed by Ye. M. Feyg energy were made with aircraft-	its thickness and the p el'son. Measurements of borne spectrophotometer	osition of the the solar with inter-	
ference filters in vertical sou intervals up to a height of ó	ndings of the atmosphere 6.5 km. The article is	at 500-m divided into	
Card 1/2			· · ·

CIA-RDP86-00513R00051702

REPORT STREET

			د <u>.</u>
1. 65040-65	• • • • • • • • • • • • • • • • • • •	3	·
ACCESSION NR: AP5022920 three parts: 1) thickness of atmosphere; 2) reflecting pro- ness of the escaping radiation ness of the escaping radiation	f the spectral optical lay operties of clouds; 3) spe on fluxes, and albedo.	vers of the ectral bright. It is concluded ctrum, during	
atmospherey ness of the escaping radiatan ness of the escaping radiatan	e visible part of the states, a same optical thickness,	regardless of f light beyond f from	n K
their height level, emit appendix their height of the atmosphere the limits of the atmosphere	. The nature of the distinuistic sets is essentially distin	[JJ]	
(Institute	ENCL: UU	SUB CODE: ES ATD PRESS: 408 P	4
SUBMITTED: 21Feb65	OTHER: 005	ALD	
NO REF SOV: 007			
don			
Card 2/2			

1. A set to define a set of the set of th	
<ul> <li>GROMOVA, O.M</li> <li><sup>h</sup><sup>3</sup> PHASE I BOOK EXPLOITATION</li> <li>Akademiya nauk SSSR. Institut teoreticheskoy astronomia.</li> <li>Astronomicheskiy yezhegodnik SSSR na 1960 g. (Astronomia Yearbook of the USSR for 1960) Moscow, Izd-vo AN SS 1957. 1,7000 copies printed. Supplement: Pokryti zvezd lunoyu vidimyye v 1958-1959 gg. (Occulat Visible in 1958-59) 60 p. 1,700 copies printed.</li> <li>Resp. Ed.: Subbotin, M.F., Director, Institute of Theor Astronomy, AS USSR, Corresponding Member of Academy.</li> <li>PURPOSE: This book is published to serve as an astronomy yearbook.</li> </ul>	316 cal SR, ya ions retical the
Card 1/14	
HICKNERSENTER INTERNET ANTERNET ANTERNET ANTERNATION AND ANTERNATIONAL ANTERNATION AND ANTERNATIONAL AND ANTERN	THE REPORT OF THE PROPERTY OF

CIA-RDP86-00513R00051702

Astronomical Yearbook of the USSR for 1960 (Cont.) 316

The growth of theoretical astronomy and the application of advanced computation techniques are the factors which have forced a change in the astronomical yearbooks. The COVERAGE: astronomical yearbook of the USSR for 1960 includes changes made to comply with the decisions of the International Astronomical Union. These changes are indicated in the chapter "Explanation of the Yearbook". Starting with the 1960 issue of this yearbook the coordinates of the Sun, the Moon and the planets will not be calculated by Theoretical Astronomy of the Academy of Sciences, USSR, but will be taken from the office of the Nautical Almanac (i.e., on the basis of the decisions of the International Astronomical Union), and thus basic data in all countries will be identical. Soviet personalities and their contributions to the 1960 edition are mentioned in the introduction. The reduction of the ephemeris of the sun and the moon to the form now used in the yearbook was carried out by Mal'kova, A.G. and Mazing, G.A. Nutation was calculated using Woolard's new formulas on the BESM high-speed computer of the Institute of Precise Mechanics and Computing Techniques, Academy of Sciences, USSR, by Zagrebin, D:B.,

Card 2/14

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

CIA-RDP86-00513R00051702

Astronomical Yearbook of the USSR for 1960 (Cont.) 316 Gromova, O.M., and Faletova, A. Ya. Reduction factors (algebraic system), apparent places of ten-day stars, and of stars close to Polaris were calculated on punch card-calculating machines under direction of Zhelaznyak, M.B., and Fursenko, M.A., by the methods of Kulikov, D.A. Prepara-tion of the initial material for these chapters of the yearbook was carried out by Mitrofanova, E.A. (supervisor), Gromova, O.M., Mazing, G.M., Mashinskaya, T.I., Poznyak, G.M., Schumikhina, K.G., Gutkina, P.A. and Suslov, A.K. Other calculations for the 1960 yearbook and the persons by whom they were executed are: heliocentric coordinates of large planets - Gromova, O.M., and Mal'kova, A.G.; reduction factors (trigonometric system) - Mitrofanova, E.A., and Shumikhina, K.G.; mean places of stars - Mitrofanova, E.A., Zheleznyak, M.B., Gromova, O.M., and Shumikhina, K.G.; tables for determination of the latitude by an observed altitude of Polaris -Shumikhina, K.G., and Poznyak, G.M.; epheme.is of Polaris -Mal'kova, A.G., and Shumikhina, K.G.; occulations of the sun and the moon - Mitrofanova, E.A., Gromova, O.M., and Fusenko, M.A.; planetary configurations - Mitrofanova, E.A. Card 3/14

CIA-RDP86-00513R00051702

Astronomical Yearbook of the USSR for 1960 (Cont.) 316

and Gromova, O.M.; physical coordinates of the Sun -Gromova, O.M., Shumkhina, K.G.; physical coordinates of the Moon - Mazing, G.A., Mashinskaya, T.I.; ephemeris for the illuminated disc of Mercury and Venus - Abalakin, V.K., Mashinskaya, T.I., Gromova, O.M., Shumikhina, K.G.; physical coordinates of Mars - Mitrofanova, E.A., Mal'kova, A.G., Mazing, G.A., and Fursenko, M.A.; Physical coordinates of Jupiter - Abalakin, T.I., and Mashinskaya, T.I., rings of Saturn - Gromova, O.M. and Shumikhina, K.G.; sunrise and sunset - Gromova, O.M.; moonrise and moonset - Gutkina, P.A., and Shumikhina, K.G.; change phases of the moon, perigee and apogee - Mazing, G.A., Mashinskaya, T.I. The preparation of the manuscript for printing was done by Frolova, A.I. The explanations were reworked by Kalikov, D.K., and Proskurin, B.F. Organization of the calculations and the printing of the Yearbook was carried out by Kulikov, D.K. and Proskurin, B.F., with the cooperation of Mitrofanova, E.A. and Zheleznyak, M.B. The author of the preface and the chief editor of the yearbook is M.F. Subotkin, Director, Institute of Theoretical Astronomy, and Corresponding Member, Academy of Sciences, USSR.

Card 4/14

NUMBER OF CONTRACTORS

CIA-RDP86-00513R00051702

G-12 MEVAL (CAM) SOV/5461 PHASE I BOOK EXPLOITATION Akademiya nauk SSSR. Institut teoreticheskoy astronomii. Astronomicheskiy yezhegodnik SSSR na 1962 g. (Astronomical Yearbook of the USSR for 1962) Moscow, Izd-vo Akademii nauk SSSR, 1960. 647 p. Errata slip inserted. 2,000 copies printed. Sponsoring Agency: Institut teoreticheskoy astronomii Akademii nauk SSSR. Resp. Ed.: M.F. Subbotin, Director of the Institute of Theoretical Astronomy of the Academy of Sciences USSR, Corresponding Member, Academy of Sciences USSR. PURPOSE: This book is intended for astronomers and geophysicists. COVERAGE: The Astronomical Yearbook of the USSR for 1962 has been compiled in accordance with changes proposed by the International Astronomical Union to member organizations at its meeting in 1958. In addition to usual Card=1/16
i-

Astronomical Yearbook (Cont.)

#### SOV/5461

information on the Sun, Moon, Earth, and planets, the Yearbook contains the ephemerides of the lunar crater Moesting A, which until 1960 were published by the Berliner Astronomisches Jahrbuch, [Berlin Astronomical Yearbook], and whose regular publication has now been undertaken by the Institute of Theoretical Astronomy of the USSR at the request of the Union s Committee on Ephemerides. The solar, lunar, and planetary coordinates in the Yearbook are based on data supplied by the British Nautical Almanac as stipulated by the Astronomical Union. The material in the Yearbook was compiled and prepared by the following scientists: computation of ephemerides of the lunar crater Moesting A on high-speed computer BEMS at the Vychislitel'nyy tsentr AN SSSR (Computer Center AS USSR) - D.K. Kulikov; reduction of solar and lunar ephemerides - A.G. Mal'kova and G.A. Mazing; computation of nutation on high-speed computer BEMS - D.V. Zagrebin, O.M. Gromova and A. Ya. Faletova; computation of reduction values of visible positions of ten-day and near-polar stars - M. B. Zheleznyak and M. A. Fursenko; preparation of original data on visible positions of ten-day and near-polar stars .

Card-2/16

CIA-RDP86-00513R00051702

6-3

### SOV/5461

Astronomical Yearbook (Cont.)

E.A. Mitrofanova (in charge), O.M. Gromova, G.A. Mazing, T.I. Mashinskaya, G. M. Poznyak, K. G. Shumikhina, and P. A. Gutkina; heliocentric coordinates of the large planets - Q. M. Gromova, A. G. Mal'kova; reduction values (trigonometric system) - E.A. Mitrofanova, and K.G. Shumikhina; mean positions of stars - E. A. Mitrofanova, M. B. Zheleznyak, O. M. Gromova, K.G. Shumikhina, M.A. Fursenko; solar and lunar eclipses -E.A. Mitrofanova, M.A. Fursenko; planetary configurations - E.A. Mitrofanova, O. M. Gromova; ephemerides for physical solar observations - P. A. Gutkina, T.I. Mashinskaya; ephemerides for physical lunar observations -G.A. Mazing, P.A. Gutkina, K.G. Shumikhina; ophemerides of the illumination of the discs of Mercury and Venus - T.I. Mashinskaya, G.M. Poznyak; ephemerides for physical observations of Mars - G. M. Mazing, T. I. Mashinskaya; ephemerides for physical observations of Jupiter - T. I. Mashinskaya, E. A. Mitrofanova; Saturn's rings - G. A. Mazing, T. I. Mashinskaya; sunrise and sunset - A. I. Frolova; rising and setting of the moon - P. A. Gutking and K.G. Shumikhina; altitudes and azimuths of the Polar Star - A.G. Mal'kova

Card 3/16

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702

۰.

-----

		<b>х</b> е
Astronomical Yearbook (Cont.)	SOV/5461	
and K.G. Shumikhina; table for determining la Polar Star - K.G. Shumikhina and P.A. Gutki for publication - V.G. Kudinova; review and e D.K. Kulikov. There are no references.	na; preparation of manuscript	
TABLE OF CONTENTS:		
Foreword	3	
Times of the Year. Some Constants	5	
Ephemerides of the Sun	6	
Orthogonal Equatorial Coordinates of the Sun (196	32.0) 22	
Orthogonal Equatorial Coordinates of the Sun (19	50.0) 30	
Card: 4/16		

GROMOVA, P. S.

"Development of an Efficient Type of Summer Feeding for Milk Cows in Kuybyshevskaya Oblast." Cand Agr Sci, All-Union Sci-Res Inst of Animal Husbandry, Moscow, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55

## "APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702

SOLOLOVNIKOV, V.V., dektor tekhn. nauk, prof., red.; 2000 VA, ...... inch., rot. [Analytic adaptive automatic control systems] Analitichoskie semonastralvalushchiesia sistery avteratione.kogo ur-

CHESKIS, A.L.; GROMOVA, R.V.

Abdominal syndrome in rheumatic children. Sovet. med. 27 no.9: 87-92 S'63 (MIRA 17:2)

1. Iz khirurgicheskogo ( zav. M.P.Senatova), revmatologicheskogo (zav. A.A.Ivanova) i patologoanatomicheskogo ( zav. - R.V.Gromova) otdeleniya Moskovskoy detskoy bol'nitey No.9 imeni F.E. Dzershinskogo (glavnyy vrach A.N.Kudryashova).

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

SERVICE THE OFFICE





0.08.50

BURTMAN, R.I.; GROMOVA, R.V.; KOZINETS, B.A.

INTERNET STREET, STREET, PRIME

Case of congenital cutaneous reticulosis. Pediatriia no.7:79-82 '61. (MIRA 14:9)

1. Iz kafedry pediatrii (zav. - prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey i patologoanatomicheskogo otdeleniya Detskoy bol'nitsy imeni Dzerzhinskogo (glavnyy vrach A.N. Kudryashova). (RETICULO-ENDOTHELIAL SYSTEM-DISEASES)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

CIA-RDP86-00513R00051702



ZVYAGINTJEVA, S.G., prof.; BAKLANOVA, V.F., kand.mod.nauk; GROMOVA, R.V.; LEVINA, S.M.; SHIRYAYEVA, I.P.

> Subendocardial fibroelastosis in children. Pediatriia 41 no.5:38-44 My <sup>1</sup>62. (MIRA 15:5)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey (rektor M.D. Kovrigina) i Detskoy bol'nitsy No.9 imeni F.E. Dzerzhinskogo (glavnyy vrach A.N. Kudryasheva). (HEAR '--DISEASES)



Sector Sector

B BARACESED

GROMOVA, R.V.

Correlation of data on the maximum rain runoff in the Lake Baikal region and Transbaikalia. Trudy GGI no.125:1(6-197 '65. (MIRA 18:12)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

CIA-RDP86-00513R00051702



CIA-RDP86-00513R00051702



CIA-RDP86-00513R00051702



"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702

ł

			· · T 1	· · · · · · · · · · · · · · · · · · ·
	21 / Influence of Diffusion Porosity 5/129/61/000/007/015/016 E073/E535			
	In this case healing is possible if the flow of chromium atoms to the pore is larger than the flow of vacancies. After the pores have healed, sections will remain which are chromium enriched and the internal flow of vacancies will cease. The appearance of concentration non-uniformities leads to blurring of the lines on the X-ray pattern and to a reduction of the lattice period. By means of low angle scattering it is also possible to detect the decrease in the pore dimensions. Then, the chromium concentration begins to equalize in the alloy and the concentra- tion of vacancies will increase; this produces a narrowing of the lines on the Debye pattern. An increase in the concentration of the vacancies leads to the formation of new and growth of remaining pores. The concentration of vacancies will decrease in jumps and the process of healing of the pores will start afresh. This process appears to continue until a certain quantity of chromium is evaporated from the alloy. Therefore 3 figures and 4 references: 3 Soviet and 1 a Russian translation. ASSOCIATION: Moskovskiy institut stali (Moscow Steel Institute) Card 4/6			
į,				
-			111-6.54.10.10	194055-1-3 VINE
		_		

CIA-RDP86-00513R00051702

GROMOVA, T.A.

Petrology and variation in coal quality of the Kondoma Valley in the Kusnetsk Basin. Trudy Lab.geol.ugl. no.6:302-308 '56. (MLRA 10:2)

1. Zapadnosibirskoye upravleniye geologicheskoye. (Kondoma Valley--Coal--Analysis)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

# "APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702

OMOVA ¢\$ T. G. 7-Chioromethyl. (trichloromethyl) theophylline. B. T.
 Khotak, A. I. Mal'kov, and T. O. Gromova. U.S.B.R.
 104,834, Feb. 25, 1957. S-Methylcaffeine is chiorizated to the title compd. in dry dichloroethana using small quantities of iodine or AlCh as catalyst. M. Hosch

```
GONCHAROV, A.V.; RAZUMOV, P.I.; GROMOVA; T.G., retsenzent; KOPELEVICH, Ye.I.,
rod.; DMITRITEVA, W.I., tekhn.red.
[INV-235 lapping machine] Lentoscedinitel'nsis mashins ISV-235.
Moskve, Gos. nsuchno-tekhn.izd-vo lit-ry po legkoi promyshl.,
1958. 47 p.
(MIRA 11:4)
(Textile machinery)
```



"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702



CIA-RDP86-00513R00051702

RADOVITSKIY, Vladimir Petrovich; GOL'DEERG, Vladimir Sergeyevich; GROMOVA, T.G., red.; TRISHINA, L.A., tekhn. red. [Ways of the automation of doffing on spinning machines] Puti avtomatizatsii s"ema na priadil'nykh mashinakh. Moskva, Rostekhizdat, 1963. 47 p. (MIRA 16:7) (Spinning machinery) (Automation)

1000 Mar 100 mar 10

SEVOST'YANOV, Aleksey Grigor'yevich; GROMOVA, T.G., red.; PYATNITSKIY, V.N., tekhn. red.

> [Magnetic rollers and forces acting in exhaust devices] Magnitnye valiki i sily, deistvulushchie v vytiazhnykh priborakh. Moskva, Gizlegprom, 1963. 98 p. (MIRA 16:9) (Exhaust systems) (Magnets)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

NUMBER OF STREET, SAME AND ADDRESS AND ADDRESS ADDRE

TATAL PROPERTY AND ADDRESS OF THE REAL PROPERTY ADDRESS OF TAXABLE PROPERTY ADDRES

CIA-RDP86-00513R00051702



"APPROVED FOR RELEASE: Thursday, July 27, 2000

YUDIN, Fedor Kuz'mich; SAVARKNSKIY, Vsevolod Vladimirovich; GROMOVA, T.G., red.; PYATNITSKIY, V.N., tekhn. red.

> [Use of polymeric materials in the textile industry] Ispol'zovanie polimernykh materialov v tekstil'noi promyshlennosti. Moskva, Gizlegprom, 1963. 164 p. (MIRA 17:1)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

CIA-RDP86-00513R00051702



