

BOGORODITSKIY, N.P.; SYROMYATNIKOV, I.A.; FEDOSEYEV, A.M.; ATABEKOV, G.I.  
YERMOLIN, N.P.; RYZHOV, P.I.; TIMOFEYEV, V.A.

Professor Viktor Ivanovich Ivanov. Elektrichestvo no.7:94-95  
Jl '60. (MIRA 13:8)

(Ivanov, Viktor Ivanovich, 1900-)

RYZHOV, P. V.  
Ca

118

**Ketosis.** P. V. Ryzhov. *Klin. Med.* (U. S. S. R.) 16, 1541-8 (1938); *Chem. Zvest.* 1939, II, 675.—According to expts. reported, an increase in the ketonemia, which can be detected only by detn. of acetone in the blood, does not parallel an increased production of preformed acetone but rather depends upon an increased production of  $\beta$ -hydroxybutyric acid. A distinct increase in preformed acetone was observed in serious ketonemia. M. G. M.

COMMON ELEMENTS

COMMON VARIABLES

MATERIALS INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

6-2-1938

130000 STYVIZIWA

130000 30417V

74 GROUPS

100 AND 1000000

1000000

130000 30417V

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

RYZHOV, P. V.

Peristalsis in various gastric and duodenal sections. Klin.  
med., Moskva 29 no.8:25-30 Aug 1951. (CLML 20:11)

1. Of the Hospital Surgical Clinic (Director -- Honored  
Worker in Science Prof. A. V. Smirnov), Leningrad Sanitary  
Hygienic Medical Institute.

**RYZHOV, P. V.**

Gastric and duodenal motility during the first hours and days following gastroenterostomy. Vest khir. Grekova, Leningr. 71 no. 6:41-44 1951. (GLML 21;3)

1. Of the Hospital Surgical Clinic, Leningrad Sanitary-Hygienic Medical Institute (Director of Clinic — Honored Work in Science Prof. A. V. Smirnov) and of the Hospital Surgical Clinic of the Medical Faculty of Mongol State University.

**RYZHOV, P.V.**

Gastric and duodenal motility during the first hours and days following resection. Trudy ISGMI 20:184-188 '54. (MLRA 10:8)

1. Klinika gospital'noy khirurgii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta, zav. klinikoy - zasl. deyatel' nauki, prof. A.V.Smirnov i klinika gospital'noy khirurgii Meditsinskogo fakul'teta Mongol'skogo gosudarstvennogo universiteta Zav. klinikoy - prof. P.V.Ryzhov.

(PEPTIC ULCER, surgery,

postop. gastric & duodenal motility)

(STOMACH, physiology,

postop. motility in peptic ulcer)

(DUODENUM, physiology,

postop. motility in peptic ulcer)

RYZHOV, P.V., professor

Preoperative and postoperative effects of certain pharmacologic preparations and local heat and cold on gastric and duodenal motility. (MIRA 10:8)  
Trudy LSGMI 20:231-236 '54.

1. Gospital'naya khirurgicheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta, zav. klinikoy - zasl. deyatel' nauki, prof. A.V.Smirnov

(PEPTIC ULCER, surgery

preop. & postop. eff. of various drugs & temperatures on gastric & duodenal motility]

(DUODENUM, physiol.

eff. of various drugs & temperatures on motility before & after surg. in peptic ulcer)

(STOMACH, physiol.

eff. of various drugs & temperatures on motility before & after surg. in peptic ulcer)

(TEMPERATURE, eff.

on duodenum & stomach motility before & after surg. in peptic ulcer)

RYZHOV, P.V., prof. (Kishinev)

"Acute surgical diseases of the organs of the abdominal cavity  
in elderly persons" by III. V. Astrozhnikov. Reviewed by P.V.  
Ryzhov. Vest. khir. 91 no.8:135-136 Ag'63 (MIRA 17:3)

RYZHOV, P.V.; SHOYMER, A., red.

[Preoperative and postoperative periods in elderly patients]  
Predoperatsionnyi i posleoperatsionnyi periody u bol'nykh  
pozhilogo vozrasta. Kishinev, Kartia Moldoveniaske, 1964.  
187 p. (MIRA 17:6)



RYZHOV, P.V.

Problem of surgical geriatrics. Trudy Kish.gos.med.inst.  
12:5-8 '60. (MIRA 16:4)

1. Kafedra gospital'noy khirurgii Kishinevskogo gosudarstvennogo  
meditsinskogo instituta.  
(GERIATRICS) (SURGERY)

RYZHOV, P. V. (Prof.)

"The Scientific Foresight and Innovation in the Creative Work of N. I. Pirogov"

report submitted at the Society of Surgeons of the Moldavian SSSR, 1960

So: Zdravookhraneniye, Kishinev, No. 2. March-April 1961, pages 61-64

RYZHOV, P.V.

Risk in surgical interventions on elderly and senile patients.  
Zdravookhranenie 5 no.1:15-16 Ja-F '62. (MIRA 15:4)

1. Iz kafedry gospital'noy khirurgii (zav. prof. P.V.Ryzhov)  
Kishinevskogo meditsinskogo instituta.  
(GERIATRICS) (SURGERY)

RYZHOV, P.V.

Clinical aspects and treatment of acute suppurative peritonitis  
in old age. Zdravookhranenie 2 no.4:39-42 J1-Ag '59.  
(MIRA 14:6)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. P.V.Ryzhov)  
Kishinevskogo meditsinskogo instituta.  
(PERITONITIS)

RYZHOV, P.V.; GOLIGORSKIY, S.D.; SHOYMER, A., red.; TEL'PIS, V., tekhn .  
red.

[Mistakes in preoperational diagnosis; problems in surgical  
tactics] Oshibki predoperatsionnogo diagnoza; voprosy khirurgi-  
cheskoi taktiki. Kishinev, Gos. izd-vo "Kartia Moldoveniaske."  
1960. 181 p. (MIRA 14:5)  
(ABDOMEN--SURGERY) (URINARY ORGANS--DISEASES)

RYZHOV, P.V., prof.; SHOYMER, A., red.; MANDEL'BAUM, M., tekhn.red.

[Organization of surgical work in the rural medical center  
and in the district hospital] Organizatsiia khirurgicheskoi  
raboty na sel'skom vrachebnom uchastke i v raionnoi bol'nitse.  
Kishinev, Gos.izd-vo "Kartia Moldoveniaske," 1959. 107 p.  
(MIRA 13:7)

(OPERATIONS, SURGICAL) (HOSPITALS, RURAL)

**RYZHOV, P.V., prof.**

Complications following resection in gastric and duodenal peptic  
ulcer. Sov.med. 23 no.11:94-97 N '59. (MIRA 13:3)

1. Iz gospital'noy khirurgicheskoy kliniki (zaveduyushchiy - prof.  
P.V. Ryzhov Kishinevskogo gosudarstvennogo meditsinskogo instituta  
(direktor - prof. N.T. Starostenko).  
(GASTRECTOMY complications)

RYZHOV, P. G.

Team, construction workers of transportation facilities. Transp.  
stroi. li no. 2:8-10 F '61. (MIA M:3)

1. Mashin'nik Upravleniya stroev i uchast'nykh zavodnykh Ministerstva.  
(Transportation--Buildings and structures)  
(Construction workers)



**RYZHOV, R.V.; GOLIGORSKIY, S.D.**

[Emergency surgery in adults and the aged; clinical practice and treatment] Neotlozhnaya khirurgicheskaya pomoshch' v pozhilom i staryeskom vozraste; klinika i lechenie. Kishinev, Gos. izd-vo Moldavii, 1956. 144 p. (MIRA 10:11)  
(SURGERY)

RYZHOV, S.M.; STOROZHKA, D.A.

Increasing the durability of blast furnace charging equipment.  
Met. i gornorud. prom. no.5:9-12 S-0 '64. (MIRA 18:7)

1. Ukrainskiy sovet narodnogo khozyaystva (for Ryzhov).
2. Dnepropetrovskiy institut (for Storozhik).

RYZHOV, S.M.

Eliminating unnecessary load testing of bridge cranes. Metallurg  
10 no.3:36 Mr '65. (MIRA 18:5)

1. Nachal'nik otдела Glavnogo mekhanika i energetika Upravleniya  
mestnoy promyshlennosti Ukrainского soveta narodnogo khozyaystva.

RYZHOV, S.M., inzhener.

Increasing the lifting power of a pouring crane ladle from 220 to 270 t.  
Metallurg no.1:28-29 Ja '56. (MIRA 9:9)

1. Kuznetskiy metallurgicheskiy kombinat.  
(Stalinsk—Open-hearth process) (Cranes, derricks, etc.)

RYZHCV, S. M., Engr.

"Blades for an endless screw mixer from  
alloyed cast iron"

Ogneupory, No. 3, 1948

RYZHOV, S. N., Engr.

"Punches for revolving Bukkau presses from  
rail steel."

Ogneuport, No. 2, 1948

15

The increase of the solubility of phosphoric acid under the influence of drying. S. N. Ryzhov and V. P. Machikhin. *Doklady Vsesoyuz. Akad. Nauk SSSR, Khim. Referat. U. J. Lenin* 1919, No. 23, p. 52. *Khim. Referat. Zh.* 1919, No. 7, 56. The soils of Central Asia absorb a large amount of  $P_2O_5$ . As compared to the surrounding (gray soils), the meadow and the meadow-swamp soils absorb more  $P_2O_5$ . This is considered to be connected with various amounts of the mobile forms of  $R_2O_3$  and of the org. substances in the soils. The meadow and the meadow-swamp soils contain considerably more of the mobile forms of the sesquioxides than do the serozems. In order to increase the mobility of  $P_2O_5$ , it is necessary to weaken the activity of  $R_2O_3$ , and to increase the mobility of the org. substances. This can be achieved by drying the soil in open sunlight. Lab. expts. with heating the soils in sunlight and in the thermostat (from 50 to 105°C) verified these suppositions and showed that not only was the soly. of  $P_2O_5$  of the soil increased, but its absorption decreased on application of fertilizers. The drying of soils is recommended as an agrotech. means for increasing the fertility of the soil. W. R. Hein

MATERIALS INDEX

ALLUROLOGICAL LITERATURE CLASSIFICATION

100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990





PROCESSES AND PRECIPITATION INDEX

CA

15

The use of sodium oxalate in the preparation of carbonate soils for mechanical analysis. S. N. Rylov and N. S. Shevchuk. *Voprosy Fiziki Khim. Melioratsi Pochv i Udobreniya Kholopkhatnika* 1939, 119-23; *Khim. Referat. Zhur.* 1940, No. 7, 43-4. In carbonate soils prep. for mech. analysis by various methods, a max. yield of the silt fraction was obtained by the action of 0.05 N HCl, followed by the treatment with NaOH to an alk. reaction after 1 hr.'s boiling. A slightly smaller yield was obtained by boiling with  $\text{Na}_2\text{C}_2\text{O}_4$  for 1 hr. Still smaller yields were obtained by treating with NaCl and boiling for 1 hr., and from boiling for 1 hr. alone. The effect of  $\text{Na}_2\text{C}_2\text{O}_4$  was investigated with sols. contg. 50, 100, 150, 200 and 300% of Na based on the exchange capacity of the soil. Best results were obtained with 200% concns. The method produces good results and is inexpensive. W. R. Heim

ASB-LLA METALLURGICAL LITERATURE CLASSIFICATION

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

RYZHCY, S. N.

"Directed Alteration of the Nature of the Soil under Conditions of Irrigated  
Agriculture," Pochvovedeniye, No. 2, 1949.

FYZHCV, S. M.

32577. Belikiy Rulikiy Russkiy Agronom P. A. Kostychev. Sots. sel. Khoz-  
vo Uzgekixtana, 1949, No. 3, 22-33

SO: Letopis' Zhurnal'nykh Statey, Vol 44, Moskva, 1949

RYZHOV, S.N.

[Methods for determining the physical properties of soils] Metody  
opredeleniia fizicheskikh svoistv pochv. Tashkent, Sredne-Aziatskii  
gos. univ. 1951. 47-p. (MLRA 9:11)  
(Soil physics)

RYZHOV, S.N.; SUCHKOV, S.P.

Single system for the agricultural division of the irrigable  
lands of Central Asia. Trudy SAGU no.25:3-6 '51. (MLRA 9:5)  
(Soviet Central Asia--Soils)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4"

RYZHOV, S.N.; BESEDIN, P.N.

Increased fertility of irrigable lands of Central Asia under  
cultivation. Trudy SAGU no.25:7-34 '51. (MLRA 9:5)  
(Soviet Central Asia--Soil fertility)

1. RYZHOV S.N.
2. USSR (600)
4. Soil Fertility-Bet-Pak-Dala
7. Causes for the natural high fertility of the light sierozems of the Golodnaya Steppe. Pochvovedenie no. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

VDOVTSOVA, Ye.A., kandidat khimicheskikh nauk; TSUKERVANIK, I.P., professor, otvetstvennyy redaktor; SARYMSAKOV, T.A., glavnyy redaktor; RYZHOV, S.N., professor-doktor, zamestitel' glavnogo redaktora; ROMANOVSKIY, V.I., redaktor; KOROVIN, Ye.P., redaktor; MASSON, M.Ye., redaktor; KORZHENEVSKIY, N.L., redaktor; POPOV, V.I., professor-doktor, redaktor; MIROSHKINA, N.M., professor, redaktor; STOLYAROV, D.D., dotsent, redaktor; BONDAREVSKIY, G.L., dotsent, redaktor; KRASNOVAYEV, I.M., dotsent, redaktor; GENTSHKE, L.V., dotsent, redaktor

[Radical and ionic alkylation of aromatic compounds] Radikal'nyi i ionnyi mekhanizmy reaktsii alkilirovaniya aromaticheskikh soedinenii. Brevan, Izd-vo Brevanskogo universiteta, 1953. 92 p. (Tashkent. Universitet. Trudy Sredneasiatskogo gosudarstvennogo universiteta. no.43. Khimicheskie nauki, no.6)

1. Deystvitel'nyy chlen Akademii nauk UzSSR (for Sarymsakov, Romanovskiy, Korovin). 2. Deystvitel'nyy chlen Akademii nauk Turkm. SSR (for Masson). 3. Chlen-korrespondent Akademii nauk UzSSR (for TSukervanik, Korzhenevskiy).

(Aromatic compounds) (Alkylation)



RYZHOV, S. N.

Polivy khlopchatnika (Cotton field irrigation). Tashkent, Izd. Sredneaziatskogo gos. universiteta, 1953. 43 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

RYZHOV, S. N.

✓ 53-271 551.579.631.43  
Ryzhov, S. N., O rabotakh F. E. Kollaseva po vodnomu rezhimu pochvy. (Works of F. E. Kollasev on water regime of soils.) *Pochrovedenie*, Moscow, No. 1:72-76, 1953. 4 tables. DLC—KOLLIASRV, the leader of the Soil Moisture Laboratory of the Institute for Physical Agronomy, published a series of papers on soil moisture and evaporation from soil which are severely criticized in this paper. Experimental measures of the movement of soil moisture are analyzed and found to be inadequate. *Subject Headings:* 1. Soil moisture 2. Agricultural meteorology 3. Critical reviews 4. Kollasev, F. E.—A.A.

dy L

1. RYZHOV, S. N.
2. USSR (600)
4. Soil Moisture
7. Origin of the "dead layer" in desert-type soils. Les i step' 5 No. 3, 1953.

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

RYZHOV, S.N., redaktor

[Agricultural characteristics of soils of Kara-Kalpak] Agronomicheskaia kharakteristika pochv Kara-Kalpakii. Tashkent, Izd-vo SAGU, 1954. 117 p. (MIRA 10:9)  
(Kara-Kalpak--Soils)

*Ryzhov*  
MAL'TSEV, A.M.; ALIMOV, P.A., redaktor; YEREMENKO, V.Ye., redaktor; ZAKIROV, K.Z., akademik, redaktor; KANASH, S.S., akademik, redaktor; KOROVIN, Ye.P., akademik, redaktor; MUKHAMEDZHANOV, M.V., akademik, redaktor; NABIYEV, M.M., akademik, redaktor; RYZHOV, S.N., redaktor; SADYKOV, S.S., redaktor; UZENBAYEV, Ye.Kh., doktor sel'skokhozyaystvennykh nauk, redaktor; MIL'MAN, Z.A., redaktor izdatel'stva; BABAKHANOVA, A.G., tekhnicheskii redaktor

[The cotton plant] Khlopchatnik. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR. [Introductory volume: The cotton plant and the use of its fiber] Vvedenie: Khlopchatnik i ispol'zovanie volokna. 1956. 128 p. (MLRA 10:3)

1. Tashkent. Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovodstva. 2. Chlen-korrespondent Akademii nauk UzSSR (for Alimov, Yermenko, Mal'tsev, Sadykov, Kanash). 3. Vsesoyuznaya Akademiya sel'skokhozyaystvennykh nauk im. Lenina (for Kanash). 4. Chlen-korrespondent Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk im. Lenina (for Ryzhov)  
(Cotton)

Ryzhov, S.P.

J.

USSR/Soil Science - Soil Genesis and Geography.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15241

Author : S.N. Ryzhov, S.P. Suchkov

Inst :

Title :

The Principles of Districting the Irrigated Lands of  
Central Asia According to Agricultural Soils.  
(Printsipy agropochvennogo rayonirovaniya oroshayemykh  
zemel' Sredney Azii).

Orig Pub : V sb.: Dokl. VI Mezhdunar. kongressu pochvedov. 6-ya  
konis. Melior. pochv. M., 1956, 127-134 (in Russian)  
135-141 ( In French).

Abstract : The irrigated territories of Central Asia are divided  
by the authors into the desert zone having takyr-like  
and saline soils and into the foot hill zone of the semi-  
bad lands with their serozems. The soils in the first  
zone are subject of secondary salification, to prevent  
which a drainage device becomes necessary;

Card 1/2

RYZHOV, S. N.

"productivity of Irrigated Cotton Soils under Continuous Cultivation or Rotational Culture in Asia Minor (USSR)," a paper presented at the 6th International Soil Science Congress, Paris, 28 Aug to 8 Sep 56

In Library Branch #5

"The Agricultural Regions of Irrigated Soils in Asia Minor and Agrotechnical Methods Applied to Cotton Cultivation in the USSR," a paper presented at the above Congress.

USSR / Cultivated Plants. Commercial, Oleaceous,  
Sugar Bearing.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6328

Author : Ryzhov, S. N.; Dorman, I. A.

Inst : Not given

Title : Production Capacity of Irrigated Soils of  
Middle Asia with Cotton as a Single Crop and  
in Crop Rotation

Orig Pub : Pochvovedeniye, 1956, No 9, 34-36

Abstract : The cultivation of cotton as a single crop  
with utilization of mineral fertilizer produced  
a yield of cotton wool of about 34 cwt/ha,  
and in crop rotations with alfalfa with the  
application of fertilizers the yield was 42 -  
43 cwt/ha. These experiments took place on  
typical Sierozem soils at the Ak-Kavak Station.

Card 1/2



USSR / Cultivated Plants. Commercial, Oleaceous,  
Sugar Bearing.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6328

Application of fertilizers in crop rotations with alfalfa on takyrl-like soils at the Ioltan Station produced a yield of cotton wool of 26 - 43 cwt/ha. When cotton was sown as a single crop with the introduction of a fertilizer, the yield was 16 - 21 cwt/ha. The increment in the yield of cotton wool on dark Sierozem soils near the city of Chimkent was 1.3 - 1.6 cwt/ha in comparison with the case, when cotton was sown as a single crop. The content of humus, of N and of P in the soil increases appreciably, when crop rotation is applied. A tendency toward an increase in the cotton yield with every new rotation is observed. -- S. A. Nikitin

Card 2/2

RYZHOV, S.N., professor, doktor sel'skokhozyaystvennykh nauk, redaktor

[Soils of the murgab Delta and problems of cottongrowing] Pochvy  
del'ty Mirgaba i voprosy agrotekhniki khlopchatnika. Pod red. S.N.  
Ryzhova. Tashkent, 1957. 174 p. (MLRA 10:3)

1. Tashkent. Vsesoyuznyy nauchno-issledovatel'skiy institut  
khlopkovodstva. Tsentral'naya stantsiya udobrenii i agropochv-  
vedeniya.

(Murgab Delta--Cotton growing) (Murgab Delta--Soils)

APPROVED FOR RELEASE Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4  
ALIMOV, R.A.; red.; YEREMENKO, V.Ye., red.; ZAKIROV, K.Z., akademik, red.;  
KANASH, S.S., akademik, red.; MUKHAMEDZHANOV, M.V., akademik, red.;  
NABIYEV, M.N., akademik, red.; RYZHOV, S.N., red.; SADYKOV, S.S., red.;  
YAKHONTOV, V.V., red.; BUGAYEV, V.A., kand.fiz.-mat.nauk.otvetstvennyy  
red.; PANKOV, M.A., prof., doktor sel'skokhozyaystvennykh nauk,  
otvetstvennyy red.; KURANOVA, L.I., red. izd-va; GOR'KOVAYA, Z.P.,  
tekhn.red.

[The cotton plant] Khlopchatnik. Tashkent. Vol.2. [Climate and  
soils in cotton growing regions of Central Asia] Klimat i pochvy  
khlompokovykh raionov Srednei Azii. 1957. 626 p. (MIRA 11:1)

1. Chlen-korrespondent AN UzSSR (for Alimov, Yeremenko, Sadykov,  
Yakhontov). 2. Deystvitel'nyy chlen Akademii sel'skokhozyaystvennykh  
nauk UzSSR (for Yeremenko, Mukhamedzhanov, Ryzhov). 3. AN UzSSR  
(for Zakirov, Kanash, Mukhamedzhanov, Nabiyev). 4. Vsesoyuznaya  
akndemiya sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Kanash,  
Ryzhov). 5. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut  
matematiki i mekhaniki.

(Soviet Central Asia--Soils) (Soviet Central Asia--Climate)  
(Cotton)

M

Country : USSR  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

LS Jarr: RZhDiol., No 11, 1958, No 49016.

Author : Ryzhov, S. M.  
Inst : AS UzbekSSR  
Title : The Scientific Investigations of the All-Union  
Cotton Scientific Research Institute in 1956.

Or'g Pub: V sb.: Materialy MezhrEsp. soveshchaniya po koordinatsii  
nauchno-issled. rabot po khlopkovodstvu, 1957, g.  
Tashkent, AN UzSSR, 1957, 29-44.

Abstract: No abstract.

Card : 1/1

Country : USSR M  
Category : Cultivated Plants. Commercial. Oleiferous. Sugar-  
Bearing.  
Abs. Jour. : Ref Zhur-Biologiya, No. 21, 1958, No. 96037  
Author : Ryzhov, S.K.  
Institut. : All-Union Sci. Res. Inst. of Cotton Raising  
Title : Scientific Research Performed by the All-Union  
Cotton Scientific Research Institute during 1956.  
Orig. Pub. : Byul. nauchno-tekhn. inform. Vses. n.-i. in-ta  
khlopkovodstva, 1957, No. 1, 3-31  
Abstract : The results of research work on problems of sowing  
times, the application of square-pocket planting,  
preplanting soil working, fertilization, cotton-  
alfalfa crop rotations, working out of methods  
of speeding up the development of cotton, district-  
ing, ameliorating long unused land, breeding and  
the protection of cotton from disease and pests.

Card: 1/1

RYZHOV, S.N.

Successes of Soviet science in cotton growing. Agrobiologiya  
no.4:14-28 J1-Ag '57. (MLRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovodstva,  
Tashkent.

(Cotton)

Country : USSR  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

M

Abs Jour: RZhBiol., No 22, 1958, No 100357

Author : Ryzhov, S.; Dorman, I.

Inst : -

Title : The Role of Cotton-Alfalfa Crop Rotations in  
Increasing the Production Efficiency on 100 Hec-  
tares.

Orig Pub: Khlopkovodstvo, 1957, No 7, 9-16

Abstract: On the basis of many years' data of the ex-  
periment stations of the All-Union Cotton  
Scientific Research Institute, it was found  
that adoption of cotton-alfalfa crop rota-

Card : 1/3

Country : USSR  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

M

Abs Jour: RZhBiol., No 22, 1958, No 100356

tions secures an increase in labor efficiency and a boost in the gross yields of cotton. In crop rotations with annual, biennial and triennial alfalfa without application of fertilizers, the yielding ability of cotton plants is higher on an average by 10 centners/ha than with continuous cultivation, and with the application of fertilizers - by 5-6 centners/ha. On the newly cultivated typical sierozems (Ak-Kavakskaya Experiment Station), production of cotton wool on 100 hectares of tilled land with cotton-alfalfa crop rotations, comprises 98-105 and of alfalfa hay 196-243%, and on

Card : 2/3

M-102



Country : USSR  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

M

Abs Jour: RZhBiol., No 22, 1958, No 100356

newly cultivated takyrs soils irrigated long before (Iolotanskaya Experiment Station) - 118-128 and 236-243% respectively in comparison with the variant without crop rotation. Less labor (by 24%), fertilizers (by 34%) and less irrigation water (by 20%) is expended for the production of 1 centner of cotton when cultivating it in crop rotation. -- B.T. Konik

Card : 3/3

UMAROV, M.U.; RYZHOV, S.N., akademik, otv.red.; TUMASHEVSKAYA, E.S.,  
red.izd-va; GOR'KOVAYA, Z.P., tekhn.red.

[Water and nutrient balance of irrigated meadow soils under  
various conditions of cultivation] Vodnyi i pitatel'nyi  
rezhimy oroshaemoi lugovoi pochvy razlichnogo kul'turnogo  
sostoianiiia. Tashkent, Izd-vo Akad.nauk USSR, 1958. 116 p.  
(MIRA 12:9)

1. Akademiya sel'skokhozyaystvennykh nauk UzSSR (for Ryzhov).  
(Soils) (Soviet Central Asia--Irrigation farming)

KORZHAVIN, B.D., *otv.red.*; MUKHAMEDZHANOV, M.V., *akademik, red.*; KHANAZAROV, D.N., *red.*; ZAKIROV, K.Z., *akademik, red.*; RYZHOV, S.N., *akademik, red.*; YEREMENKO, V.Ye., *akademik, red.*; DADABAYEV, A.D., *akademik, red.*; RAKHIMOV, A.A., *akademik, red.*; DZHALILOV, Kh.M., *kand.ekonom. nauk, red.*; BONDARENKO, M., *red.*; BAKHTIYAROV, A., *tekh.n.red.*

[Farm management system in recently reclaimed areas of the Golodnaya Steppe; measures for obtaining the maximum output of farm products per 100 hectares of cropland with a minimum expenditure of labor and other means] Sistema vedeniia sel'skogo khoziaistva na zemliakh novogo osvoeniia Golodnoi stepi; meropriiatia po maksimal'nomu vykhodu sel'skokhoziaistvennykh produktov na 100 ga zemel'nykh ugodii pri naimen'shikh zatratakh truda i sredstv. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 158 p. (MIRA 14:2)

1. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk. 2. Chleny-korrespondenty AN Uzbekskoy SSR (for Korzhavin, Yermenko).
  3. AN Uzbekskoy SSR (for Mukhamedzhanov, Zakirov).
  4. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Zakirov, Ryzhov, Yermenko, Dadabayev, Rakhimov).
  5. Ministr sel'skogo khozyaystva UzSSR (for Khanazarov).
  6. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Ryzhov).
  7. Direktor instituta ekonomiki Uzbekskoy akademii sel'skokhozyaystvennykh nauk (for Dzhaliilov).
- (Golodnaya Steppe--Agriculture)

"Physical Maturity Of Principal Soil Types Of The Zone Under Irrigation In Central Asia".

report submitted for the 7th Congress of International Society of Soil Science  
Madison, Wisconsin, 15-23 Aug 60.

KANASH, S.S., akademik; MAL'TSEV, A.M.; VLASOVA, N.A.; PASHCHENKO, Z.M.; ROZHANOVSKIY, S.Yu.; MAUYER, F.M.; MOKEYEVA, Ye.A.; KLYUYEV, G.A.; BURYGIN, V.A.; SHLEYKHER, A.I.; RUMI, V.A.; ROMANOV, I.D.; AVTONOMOV, A.I., otv.red.; MUKHAMEDZHANOV, M.V., akademik, glavnyy red.; RYZHOV, S.N., akademik, zamestitel' glavnogo red.; ALIMOV, R.A., red.; DABADAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon.nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADIYOV, S.S., red.; TOGOYEV, I.N., kand.ekon.nauk, red.; YAKHONTOV, V.V., red.; KURANOVA, L.I., red.izd-va; RAKHMANOVA, M.D., red.izd-va; BARTSEVA, V.P., tekhn.red.

[Cotton] Khlopchatnik. Tashkent. Vol.3. [Structure and development of cotton] Stroenie i razvitie khlopchatnika. 1960. 402 p. (MIRA 13:10)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiki UzSSR (for Kanash, Mukhamedzhanov, Zakirov, Nabiyev). 3. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Kanash). 4. Tsentral'naya selektsionnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta khlopkovodstva Uzbekskoy akademii sel'skokhozyaystvennykh nauk (for Kanash). 5. Tashkentskiy sel'skokhozyaystvennyy institut (for Mal'tsev, Shleykher). 6. Institut genetiki i fiziologii rasteniy AN UzSSR (for Vlasova, Mauyer, Klyuyev, Rumi, Romanov).

(Continued on next card)

KANASH, S.S. --- (continued) Card 2.

7. Sredneaziatiskiy gosudarstvennyy universitet (for Pashchenko).
8. Institut botaniki AN UzSSR (for Rozhanovskiy, Mokeeva, Burygin).
9. Chleny-korrespondenty AN UzSSR (for Avtonomov, Alimov, Yermenko, Sadykov, Yakhontov).
10. Uzbekskaya Akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadabayev, Yermenko, Zakirov, Mannanov).

(Cotton)

KANASH, S.S., akademik, otv. red.; SHARDAKOV, V.S., kand. biol. nauk, otv. red.; GUBANOV, G.Ya., kand. biol. nauk, otv. red.; YENILEYEV, Kh.Kh., doktor biol. nauk, otv. red.; MUKHAMEDZHANOV, M.V., akademik, red.; RYZHOV, S.N., akademik, red.; ALIMOV, R.A., red.; DADABAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon. nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADYKOV, S.S., red.; TOGOYEV, I.N., kand. ekon. nauk, red.; YAKHONTOV, Y.V., red.; PETROV, V.G., kand. sel'khoz. nauk, red. [deceased]; RAKHMANOVA, M.D., red.; BARTSEVA, V.P., tekhn. red.; KARABAYEVA, Kh.U., tekhn. red.

[Cotton] Khlopchatnik. Tashkent. Vol.4. [Physiology and biochemistry of cotton] Fiziologiya i biokhimiya khlopchatnika. 1960. 704 p. (MIRA 14:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiya nauk Uzbekskoy SSR (for Mukhamedzhanov, Kanash, Zakirov, Nabiyeu, Yakhontov, Yeremanko) 3. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadabayev, Yeremanko, Zakirov, Mannanov) 4. Chleny-korrespondenty AN UzSSR (for Alimov, Yeremanko, Sadykov, Yakhontov) 5. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Kanash)

(Cotton)

RYZHOV, S.N.

Distribution of readily available moisture in soils of various  
structure. Pochvovedenie no.11:62-68 № '60. (MIRA 13:11)

1. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk.  
(Soil moisture)



RYZHOV, S.N., akademik, otv. red.; SOKOLOVA, A.A., red.; GAYSINSKAYA,  
I.G., red.; KARABAYEVA, Kh.U., tekhn. red.

[Humus and polymeric preparations in agriculture] Guminovye i po-  
limernye preparaty v sel'skom khoziaistve. Tashkent, Izd-vo Akad.  
nauk UzSSSR, 1961. 178 p. (MIRA 15:7)

1. Akademiya nauk Uzbekskoy SSR, Tashkent, Institut khimii. 2. Vse-  
soyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina  
(for Ryzhov).

(Uzbekistan--Soil conditioners)

RYZHOV, S.N.

Erosion control and restoration of soil fertility in the  
U.S.A. Pochvovedenie no.6:93-97 Je '61. (MIRA 14:6)

1. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk.  
(United States--Soil conservation)

MUKHAMEDZHANOV, M.V.; RYZHOV, S.N., doktor sel'khoz. nauk, otv. red.;  
KANASH, O.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Crop rotation and deepening of the arable layer in cotton-  
growing areas] Sevooboroty i uglublenie pakhotnogo sloia pochvy  
v raionakh khlopkovodstva. Tashkent, Izd-vo Akad. nauk UzSSR,  
1962. 263 p. (MIRA 15:7)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-  
nykh nauk im. V.I.Lenina (for Ryzhov).

(Russia, Southern—Cotton growing)  
(Rotation of crops)

RYZHOV, S.N.

Present level of fertility, irrigation problems, and soil classification in the Central Asian republics. Pochvovedenie no.2:7-13  
F '63. (MIRA 16:3)

1. Pochvennyy institut imeni V.V.Dokuchayeva.  
(Soviet Central Asia--Soils)

RYZHOV, S.N.

Conference on the methods of station research on soil processes.  
Pochvovedenie no.6:1-3 Ja '63. (MIRA 16:7)

1. Pochvennyy institut imeni V.V. Dokuchayeva.  
(Soil research—Congresses)

RYZHOV, S.N.

Physiological and soil indices of the irrigation requirements  
of farm crops; a review of reports to the 8th International  
Congress of Soil Scientists in Bucharest. Pochvovedenie  
no.11:42-45 N '65. (MIRA 18:12)

1. Tashkentskiy gosudarstvennyy universitet. Submitted  
March 12, 1965.

KALININA, L. Ye.; MATVEYEV, V.V.; RYZHOV, S.S.

New method for making pickers for looms. Kozh.-obuv.prom. 2  
no.1:20-21 Ja '60. (MIRA 13:5)  
(Pickers (Weaving))

KALININA, L.Ye., kand.tekhn.nauk; MATVEYEV, V.V., inzh.; RYZHOV, S.S.,  
inzh.

New type of artificial leather for the pickers of automatic looms.  
Nauch.-issl.trudy VNIIFIK no.12:35-40 '60. (MIRA 16:2)  
(Rubberized fabrics) (Pickers (Weaving))



RYZHKOVA, S.V., hand. tekhn. nauk.

Metoda otzheka superheaters for marine high-paramater boilers.  
Busscaranie 31 no. 5032-34 Ny '65.

(MIRA 18:8)

RYZHOV, V. (g.Vladimir)

We improve the work organization in hotels. Zhil-komm.khoz. 9  
no.3:24-25 '59. (MIRA 12:5)

1. Direktor gostinitsy "Vladimir."  
(Vladimir--Hotels, taverns, etc.)

16(2)

SOV/2-59-3-10/13

AUTHORS: Ryzhov, V., and Yur'yev, S.

TITLE: Statistical Collections on Foreign Trade.-  
"Foreign Trade of the USSR in 1956", Statistical Review, and "Foreign Trade of the USSR of 1957", Statistical Review. (Statisticheskiye sborniki po vneshney torgovle. - "Vneshnyaya torgovlya SSSR za 1956 god." Statisticheskiy obzor, Vneshtorgizdat, 1958; Vneshnyaya torgovlya SSSR za 1957 god". Statisticheskiy obzor, Vneshtorgizdat, 1958.

PERIODICAL: Vestnik statistiki, 1959, Nr 3, pp 72-75 (USSR)

ABSTRACT: This is a bibliographical review of the statistical collections named in the title, containing data on the foreign trade of the USSR with 53 countries, with detailed specification of goods. The reviewers regret the absence of some summary synthetic and group tables in the collections. There are 2 tables.

Card 1/1

PLOTNIKOV, N., inzhener; RYZHOV, V., inzhener.

Greater development of bundle transshipment and transportation of  
crate and lumber cargoes. Mor.flot 17 no.2:4-6 F '57.

(MIRA 10:3)

(Lumber--Transportation) (Cargo handling)

**RYZHOV, V., inshener.**

**Ways of improving transshipment operation techniques in sea ports.  
Mor. flot 16 no.7:15-17 J1 '56. (MLRA 9:11)  
(Cargo handling)**

RYZHOV APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4

KOROTENKO, D., and RYZHOV.V, "To Eradicate Barberries and Buckthorn(Rhamnus cathartica),"  
Sbornik Vsesoiuznogo Instituta Zashchity Rastenii. no. 8, 1934; pp. 33-35 444.9 L542

SO: Sire Si-90-53 15 Dec. 1953

Supply bases for the fleet. Mor. flot 17 no.12:7-8 D '57.

(MIRA 11:1)

1. Nachal'nik otdela kapital'nogo stroitel'stva i beregovogo khozyay-  
stva Glavsevmorputi Ministerstva morskogo flota.  
(Merchant marine) (Harbors)

RYZHOV, V.

RYZHOV, V. [Co-author] See: KOROTENKO, D. "To Eradicate Barberries and Buckthorn (Ramus cathartica)," 1934.

SO: SIRA SI-90-53, 15 Dec. 1953



YERYUKHIN, A.V.; RYZHOV, V.A.

Depression of mercury in the capillaries of pressure manometers.  
Trudy inst. Kom. stand. mer i izm. prib. no.66:46-51 '62.  
(MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii  
im. Mendeleeva.

(Manometer)

RYZHOV, V.A.

Upper measurement limit of a diaphragm capacitance compensation  
manometer. Izv.tekh. no.11:14-16 N '63. (MIRA 16:12)

RYZHOV, V.A.

Protection of cathodes of ionization manometers. Prib. i  
tekh. eksp. 6 no. 6:135-136 N-D '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii.  
(Electronic instruments)

L 10720-63

ACCESSION NR: AT3002054

8/2589/62/000/066/0046/0051

AUTHOR: Yeryukhin, A. V.; Ry\*zhov, V. A. 4/4

TITLE: Depression of mercury in capillary compression manometers

SOURCE: USSR. Komitet standartov, mer, i izmeritel'nykh priborov. Trudy\* institutov Komiteta, no. 66 (126), 1962. Issledovaniya v oblasti izmereniy davleniya, raskhoda i vakuuma, 46-51

TOPIC TAGS: depression of mercury, capillary compression manometers, precision of measurement

ABSTRACT: Determination of values of depression of mercury in polished and unpolished capillaries of MacLeod gauges indicated that capillary depression is one of the basic causes limiting precision of measurement of pressure by a MacLeod gauge. Orig. art. has: 4 formulas, 3 tables, and 3 figures.

ASSOCIATION: VNIIM

SUBMITTED: 26May61

DATE ACQ: 20Apr63

ENCL: 00

SUB CODE: 00

NO REF SOV: 001

OTHER: 001

Card 1/1

**RYZHOV, V.A.**

Standard membrane-type capacity manometer. Prib. i tekhn. eksp.  
8 no.5:198-202 S-0 '63. (MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii.

S/123/61/000/024/009/016  
AGO4/A101

AUTHORS: Gulyayev, M. A., Ryzhov, V. A.

TITLE: The machining of capillaries for exemplary compression pressure gages

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 24, 1961, 9, abstract 24E47 ("Tr. in-tov Kom-ta standartov, mer i izmerit. priborov pri Sov. Min. SSSR", 1961, no. 50 (110), 58-61)

TEXT: The authors describe the machining technology of capillary tubes 1-5 mm in diameter for compression pressure gages. When selecting the blanks the authors consider tubes suitable whose difference of inner diameter of ends over a length of 350 - 400 mm, measured by a plug gage, does not exceed 0.1 mm. The channel is machined by a set of laps (3 pieces). To determine the diameter of the ground capillary the tube is immersed in a glass tub with plane-parallel bottom filled with toluol. Toluol has a refractive index which comes rather near the refractive index of molybdenum glass, so that during the observation in the transient light the capillary walls nearly "dissappear" while the channel boundaries are clearly and distinctly visible. The diameter is measured on the

Card 1/2

The machining of capillaries ...

S/123/61/000/024/009/016  
A004/A101

multipurpose УИМ-21 (UIM-21) microscope. The measuring results were processed by the dispersion analysis method. The developed technology makes it possible to obtain high-quality capillaries with a RMS diameter deviation over sections of up to 400 mm length not exceeding  $2\mu$ . There are 3 figures.

S. Kivilis

[Abstracter's note: Complete translation]

GULYAYEV, M.A.; RYZHOV, V.A.

Processing capillaries for standard compression manometers.  
Trudy inst. Kom. stand., mer i izm. prib. no. 50:58-61 '61.  
(MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii  
im. Mendeleyeva. (Manometer) (Capillaries)



GULYAYEV, M.A.; YERYUKHIN, A.V.; RYZHOV, V.A.

Sets of standard compression manometers of the All-Union  
Institute of Metrology. Trudy inst. Kom. stand., mer i izm.  
prib. no.50:62-69 '61. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii  
im. Mendeleeva.

(Manometer)

RYZHOV, V.A.

Two-stage differential amplifier. Trudy inst. Kom. stand. mer i izm.  
prib. no.67:73-75 '62. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni  
Mendeleyeva.

RYZHOV, V.B.; BURKHANOVA, N.D.; KOZLOV, P.V.

Crystallization ability of some cellulose ethers. Vysokom.soed. 6 no.8:  
1471-1477 Ag '64. (MIRA 17:10)

L. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.

ACCESSION NR: AP4012095

S/0020/64/154/002/0430/0432

AUTHORS: Kozlov, P. V.; Ry\*zhov, V. B.; Burkhanova, N. D.

TITLE: Effect of rigidity of polymer macromolecules at transition temperatures and morphology of crystal structures

SOURCE: AN SSSR, Doklady\*, v. 154, no. 2, 1964, 430-432, and insert facing page 430

TOPIC TAGS: polymer macromolecular stability, transition temperature, crystal structure morphology, super molecular formation, cellulose ester, second-order transition point, rigid chain polymer, tri-ethyl cellulose

ABSTRACT: In view of recently proposed theories on the important role of super molecular formations on the forming properties and the flow of crystallization processes of polymers, there is interest in returning to the study of these characteristics and processes for a wide range of high molecular compounds. Study of some complex cellulose esters with an introduction of small quantities of low molecular substances revealed the mobility of super molecular struc-

Card 1/4

ACCESSION NR: AP4012095

tures of such polymers. This led to a substantial decrease in second-order transition points of the substance although no segmental mobility of polymer chains could take place. With this broad interpretation of the second-order transition temperature of rigid-chain polymers, the need arises for a separation of this temperature transition point for structural and mechanical second-order transition. The first is determined by the development of mobility of a super molecular structural formation; the second, by the segmental mobility of chains. The development of super molecular formations typical of rigid-chain polymers should indicate the substantial influence on the morphology of crystal structures. Tri-ethyl cellulose was carefully subjected to purification by repeated reprecipitation by water from weak solutions in a mixture of glacial acetic acid and methanol (9:1) with subsequent drying in a vacuum at 20C. In totally replaced tri-ethyl cellulose, the theoretical content of the elements were determined to be C = 58.53%, and H = 8.34%. Microanalysis data in the tested specimen gave a content of C = 58.40%, and H = 5.05%. The decrease in hydrogen content indicates the presence of peroxide groups in the specimen. The typical

Card 2/4

ACCESSION NR: AP4012095

development of two second-order transition points which are reproduced at one or the other thermo-mechanical curve for rigid-chain crystallizing polymers is sufficiently conclusively determined. One of the transition points determines the appearance of mobility of super molecular rigid formations, and the other, the segmental mobility of chain molecules. After attaining maximum deformity at these points, some decrease in deformity is observed with a further temperature increase. In the first case this is combined with condensation of highly regulated super molecular structure formations without phase transition; in the second case the polymer crystallization leads to material stability. During crystallization of these rigid-chain polymers the packing of the structural elements of the polymer leads to the development of a radial form of spherulite structures, while the process of crystallization itself for such polymers is kinetically extremely difficult.

"We are taking this opportunity to express our gratitude to O. P. Koz'mina for kindly submitting the tri-ethyl cellulose preparations."  
Orig. art. has: 4 Figures.

Card

3/4

ACCESSION NR: AP4012095

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V.  
Lomonosova (Moscow State University)

SUBMITTED: 30Jul63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: CH, MA

NR REF SOV: 005

OTHER: 000

Card

4/4

Processes of structure formation in solutions of carbohydrate  
polyacrylate polymers. Vysokom.sped. 1 no.2:182-184 F '59.  
(MIRA 12:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova,  
Khimicheskiy fakul'tet.  
(Polymers) (Carbohydrates) (Acrylic acid)



MOROZOV, Vitaliy Panteleymonovich; RYZHOV, V.F., spets. red.;  
GODINER, F.Ye., red.

[Radio-amateur transistor testing devices] Radioliubitelskie pribory dlia proverki tranzistorov. Moskva, DOSAAF, 1965. 58 p. (MIRA 18:10)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530004-4"  
KATSNEL'SON, G.M., kand.tekhn.nauk; RYZHOV, V.G., inzh.

Manufacture, stock taking, and delivery of medium-grade rolled  
products by theoretical weight. Stal' 24 no.6:530-532 Je '64.  
(MIRA 17:9)

1. Zavod im. Petrovskogo.

PHASE I BOOK EXPLOITATION SOV/1174

ф. 4

Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti

Avtomatičeskoye upravleniye i vychislitel'naya tekhnika; trudy soveshchaniya provedennogo v marte 1957 g. (Automatic Control and Computer Technique; Transactions of a Conference Held in March, 1957) Moscow, Mashgiz, 1958. 494 p. 12,000 copies printed.

Ed.: Solodovnikov, V.V. Doctor of Technical Sciences, Professor; Ed. of Publishing House: Konovalov, G.M.; Tech. Ed.: El'kind, V.D.; Managing Ed. for Literature on Machine Building and Instrument Making: (Mashgiz): Pokrovskiy, N.V., Engineer.

PURPOSE: The book is intended for scientific personnel and engineers working with computers and automatic control.

COVERAGE: The book is a collection of 24 articles presented at a conference called by the Scientific and Technical Society of the Instrument Manufacturing Industry in March, 1957. The conference considered problems of the construction and application of computer equipment for the automatic control of industrial processes. The articles discuss problems of analysis

Card 1/6

Automatic Control and Computer (Cont.)

SOV/1174

and synthesis of computers and automatic control systems. They also describe the principles of construction and design of the newest components of these systems. The articles present specific examples of the application of computer technique to the calculation and design of automatic control systems and the automation of industrial processes. M.I. Zborovskiy, Engineer, is mentioned in connection with arranging the conference. Engineers I.M. Rusevich and L.I. Shorol' helped in preparing the collection. References appear after each article.

TABLE OF CONTENTS:

Foreword

3

Solodovnikov, V.V., Professor, Doctor of Technical Sciences, Batkov, A.M., Engineer, Bredis, A.A., Engineer, and Matveyev, P.S., Engineer. Methods of Mathematical Statistics and the Theory of Automatic Control

7

Card 2/6

Automatic Control and Computer (Cont.)

SOV/1174

- Zimin, V.A., Candidate of Technical Sciences. Principles of Constructing Calculating Machines Based on Universal High-speed Digital Computers 29
- Kuzin, L.T., Candidate of Technical Sciences. Application of Z-Transformation to the Analysis of Control Systems Using Computers 46
- Kazakevich, V.V., Professor, Doctor of Technical Sciences. Optimizing Control Systems and Some Methods for Improving Their Stability 69
- ✓ Mamonov, Ye.I., Candidate of Technical Sciences. Comparative Characteristics of Automatic Digital Computers 97
- Gutenmakher, L.I., Professor, Doctor of Technical Sciences, Avrukh, M.I., Engineer, Vissonova, I.A., Engineer, Mokhel', L.L., Engineer, and Khol'sheva, A.F., Engineer. Contactless Magnetic Devices for Control Systems 113
- ✓ Korol'kov, N.V., Candidate of Technical Sciences. Magnetic High-speed Pulse Relay Elements 146

Card 3/6

Automatic Control and Computer (Cont.)

SOV/1174

Mamonov, Ye.I., Candidate of Technical Sciences, and Sharapov, Yu.I.,  
Engineer. Applications of Semiconductor Devices in Computer Technique 175

Zimin, V.A., Candidate of Technical Sciences. Logical Circuits of  
Calculating Machines Using Semiconductor Devices 204

Trubnikov, N.V., Candidate of Technical Sciences. Data Input and Output in  
High-speed Digital Computers 223

Ryzhov, V.I. Engineer. Devices for Converting Continuous Quantities  
Into Codes and Codes Into Continuous Quantities 243

Dikushin, V.I., Academician. Development of Control Systems for  
Machine Tools 265

Khetagurov, Ya.A., Candidate of Technical Sciences. Coding of  
Orders in a Digital Programming System for Machine Tool Control 276

Card 4/6

Automatic Control and Computer (Cont.)	SOV/1174
Kopay-Gora, P.N. Candidate of Technical Sciences. Application of Calculating Machines for Controlling the Basic Processes in Ferrous Metallurgy	296
Kaganov, V.Yu., Candidate of Technical Sciences. Application of Calculating Machines for Automating Blast Furnaces	310
Yefromovich, Yu.Ye., Candidate of Technical Sciences. Application of Calculating Machines for Automating Steel Smelting in Arc Furnaces	321
Chelyustkin, A.B., Candidate of Technical Sciences. Automatic Control of Dimensions of Rolled Metal	340
Vasil'yev, D.T., Candidate of Technical Sciences, Fitzner, L.N., Candidate of Technical Sciences. Calculating Device for Determining Optimum Operating Conditions for Cutting	362
Novikov, Yu., V., Candidate of Technical Sciences. Special Continuous Calculating Machines for Statistical Processing of Random Processes	375

Automatic Control and Computer (Cont.)	SOV/1174
Val'denberg, Yu.S., Engineer. Principles of Constructing a Continuous Calculating Machine for Solving Integral Equations	399
Vitenberg, I.M., Candidate of Technical Sciences. Electronic Analog Computer for Automatic Selection of the Most Favorable Solution to a Problem with a Given System of Equations	419
Batkov, A.M., Engineer. Analysis and Synthesis of Linear Systems of Automatic Control by Means of Analog Computers	438
Kagan, B.M., Candidate of Technical Sciences. Application of High-speed Computers for Calculating and Analyzing the Performance of Automatic Control Systems	464
Rakov, G.K., Engineer. Deriving a Random Quantity by Means of High-speed Computers	485

JP/lrb  
2-24-59



25(6)

p.3

PHASE I BOOK EXPLOTTATION

SOV/1498

Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya

Ul'trazvukovyye pribory TsNIITMASH (TsNIITMASH Ultrasonic Equipment) Moscow,  
Mashgiz, 1958. 85 p. (Series: Its: [Trudy] kn. 88) 3,000 copies printed.

Ed.: A.S. Matveyev, Candidate of Technical Sciences; Tech. Eds.: Ye.S. Gerasimova  
and A. F. Uvarova; Managing Ed. for Literature on Machine Building and Instrument  
Making (Mashgiz): N.V. Pokrovskiy, Engineer.

**PURPOSE:** This book is intended for engineering and technical personnel of plants  
and scientific research institutes engaged in the development of ultrasonic  
equipment and methods for inspecting metal products, and for those who use  
such equipment.

**COVERAGE:** This is a collection of articles describing work done by the Instrument-  
making Department of TsNIITMASH (Central Scientific Research Institute of  
Technology and Machinery) during the period 1954-1956 on the development of  
ultrasonic equipment for detection of flaws and measurement of thicknesses.  
Various ultrasonic flaw detectors and thickness gages developed during the  
period 1950-1956 are described.

Card 1/3

TsNIITMASH Ultrasonic Equipment

SOV/1498

An article by V.I. Ryzhov and M.F. Krakovyak presents a detailed description of a frequency deviator developed by the authors for tuning of wideband amplifiers. The device has two frequency ranges: 0.5 to 1.5 and 1.4 to 1.5 megacycles. It is stated that the use of this device facilitates the adjustment of ultrasonic flaw-detectors. The outlook for future application of ultrasonics in heavy machinery building is also discussed.

TABLE OF CONTENTS:

Foreword	3
Matveyeva, A.S., Candidate of Technical Sciences, and I.N. Yermolov and M.F. Krakovyak, Engineers. TsNIITMASH Ultrasonic Equipment	5
Yegorov, N.N., Engineer. Prospects for Application of Ultrasonic Methods in the Control of Some Manufacturing Processes in Machine Building	30
Gubanova, M.R., Candidate of Technical Sciences. Ultrasonic Flaw Detection in Some Types of Large Welds	41

Card 2/3

TsNIIETASH Ultrasonic Equipment

SOV/1498

Yegorov, N.N., Engineer. Application of Ultrasonics in Checking the  
Depth of an Electrically Hardened Layer in Steel Products 66

Ryzhov, V.I., and M.F. Krakovyak, Engineers. Frequency Deviator for  
Wideband Amplifier Tuning 82

AVAILABLE: Library of Congress

Card 3/3

GO/fal  
4-22-59

S/032/60/026/011/015/035  
B015/B066

AUTHORS: Ryzhov, V. I. and Ionov, V. A.

TITLE: Ultrasonic Quality Control of Tires ✓

PERIODICAL: Zavodskaya laboratoriya, <sup>14</sup>1960, Vol. 26, No. 11,  
pp. 1244-1247 <sub>28</sub>

TEXT: The authors describe a device of the ШД-1 (ShD-1) type for the detection of material defects in tires by means of the ultrasonic immersion method. M. F. Krakovyak, Kh. E. Malkina, and P. G. Vobova took part in the development of this device. The tire cover is submerged into the liquid, the ultrasonic emitter is introduced into the cover and the receivers of the ultrasonic vibrations are placed around the part of the cover to be tested. The emitter applied may operate at frequencies of 50 and 150 kc/sec. The vibrator of the emitter is a ring-shaped barium titanate piezo element which is placed in a cylindrical plexiglass casing. An oil film between piezo element and casing is used as acoustic contact. The electrodes are applied to the inner and outer surface by means of ✓

Card 1/2