

CHUKHLANTSEV, V.G.

Funnel for rapid separation of precipitates. Zav. lab. 30 no.1:
113 '64. (MIRA 17:9)

1. Ural'skiy politekhnicheskiy institut.

AUTHOR: Chukhlantsev, V.G.

TITLE: Reaction of $ZrSiO_4$ with LiOH under hydrothermal conditions B

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 9, 1964, 2048-2049

in boiling water, and had a density of 3.70 ± 0.00 at 200. Li_2ZrSiO_5 is of potential interest in enamels, glass and ceramics. Orig. art. has: 2 tables. 15

Card 1/2

1 176 10 265

1 176 10 265

1 176 10 265

1 176 10 265

1 176 10 265

Card

2/2

Alchayev, Yu. M.; Chukhantsov, V. G.

ABSTRACT: FOR THE INVESTIGATION OF THE SYSTEM $Li_2O - ZrO_2 - SiO_2$, SOLID-PHASE
REACTIONS WERE STUDIED BETWEEN THE POLYMER

Figure 1. Subsidia structure of the a group;

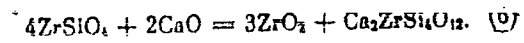
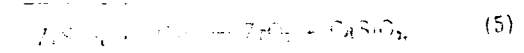
11-13 EWP(m)/EWP(e) (EXP(1) WE

11-13 11-13

11-13 11-13

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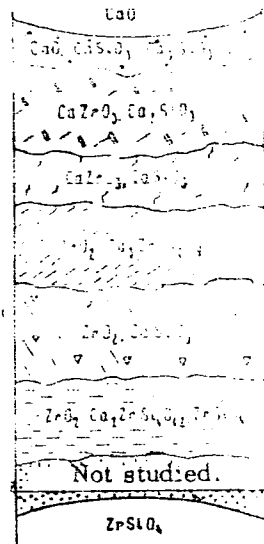
I 50533-65

ACCESSION NR: AP5009229

(the temperature to 1100°C) and the following changes in reactions

AP 5009289

Arrangement of the zones of the principal reactions involved in the process of solid-state decomposition of a grain of zircon in contact with aluminum oxide at 1350C.



CHUKHLANTSEV, V.G.; POLEZHAYEV, Yu.M.

Products of the hydrothermal reaction of zircon with caustic
lithium. Zhur. neorg. khim. 10 no.7:1585-1587 J1 '65.
(MIRA 18:8)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.

GHUKHLANTSEV, V.O.; POLEZHAYEV, Yu.M.

Production of sodium zirconyl and sodium hafnium silicate
crystals. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 8
no.3:357-360 '65. (MIRA 18:10)

1. Ural'skiy politekhnicheskiy institut imeni Kirova, kafedra
radiokhimii.

L 11004-66 EWT(m)/EWP(e)/EWP(t)/EWP(b) IJP(e) JD/WH

ACC NR: AP5028730

SOURCE CODE: UR/0363/65/001/011/1994/1999

AUTHOR: Chukhlantsay, V. G.; Alyamovskaya, K. V.

ORG: Ural Polytechnic Institute im. S. M. Kirov, Sverdlovsk (Ural'skiy politekhni-cheskiy institut)

TITLE: Reaction of zircon with rubidium carbonate and silicate

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 11, 1965, 1994-1999

TOPIC TAGS: silicate, rubidium compound, zirconium compound, chemical reaction, powder metal sintering, chemical analysis, x ray diffraction analysis, phase composition

ABSTRACT: The reaction of zircon with Rb_2CO_3 and Rb_2SiO_3 was studied at 800-1000°C by sintering pressed powder mixtures containing various proportions of the components. Chemical phase and x-ray diffraction analyses of the products showed that the following reaction may occur:



To refine the phase composition of the products of the reaction of zircon or a mixture of zircon and SiO_2 with Rb_2CO_3 , the reaction of the sinters obtained with water at 20-80°C was studied under hydrothermal conditions. The following reaction is

UDC: 546.831'284'35

Card 1/2

(A) L 11029-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACC NR: AP5028726

SOURCE CODE: UR/0363/65/001/011/1952/1954

AUTHOR: Galkin, Yu. M.; Chukhlantsev, V. G.ORG: Ural Polytechnic Institute im. S. M. Kirov, Sverdlovsk (Ural'skiy politekhnicheskii institut)TITLE: Study of the $BaO-ZrO_2$ system in a region rich in BaOSOURCE: AN SSSR. ¹⁷ Izvestiya. Neorganicheskiye materialy, v. 1, no. 11, 1965, 1952-1954

TOPIC TAGS: barium oxide, zirconium compound, barium compound, zirconate, metal phase system, powder metal sintering, x ray diffraction analysis, metal chemical analysis

ABSTRACT: The solid phase interaction in the $BaO-ZrO_2$ system was studied at BaO/ZrO_2 molar ratios ranging from 1 to 5. Pressed powder mixtures were sintered at 1150-1350°C, and the products analyzed both chemically and by x-ray diffraction with a URS-50I diffractometer. Free BaO was found in the products only if the initial BaO/ZrO₂ ratio was greater than 1. When two moles of BaO are sintered with one mole of ZrO₂, barium orthozirconate ($2BaO + ZrO_2 + Ba_2ZrO_4$)--stable with respect to barium oxide--is formed. This compound crystallizes in the rhombic system, is readily decomposed even by very dilute HCl or HNO₃, and is readily hydrolyzed by water on heating. Interplanar distances and line intensities of this compound are tabulated. Orig. art has: 2 figures, 2 tables.

SUB CODE: 07/

SUBM DATE: 22May65/

ORIG REF: 005/

OTH REF: 003

Card 1/1 HW

UDC: 546.031'431

L 13852-66 EWT(m)/EPF(n)-2/EWP(t)/EWP(b) LJP(c) JD/WW/JG

ACC NR: AP6002816

SOURCE CODE: UR/0078/66/011/001/0216/0219

AUTHORS: Galkin, Yu. M.; Chukhlantsev, V. G.

ORG: Ural Polytechnic Institute im. S. M.Kirov (Ural'skiy politekhnicheskiy institut)

TITLE: Obtaining of strontium and barium zirconates under hydrothermal conditions

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 1, 1966, 216-219

TOPIC TAGS: strontium compound, barium compound, zirconium compound, zirconate

ABSTRACT: To extend the currently available data on the synthesis of strontium and barium zirconates under hydrothermal conditions, the reaction of $\text{Sr}(\text{OH})_2$ and $\text{Ba}(\text{OH})_2$ with calcined ZrO_2 and zirconyl oxychloride was studied. The reactions were carried out in the autoclave in a carbon dioxide-free atmosphere over a temperature range 200C--350C. The experimental results are tabulated. A microphotograph of BaZrO_3 is presented. X-ray powder spectra of the synthesized compounds were determined. It was found that in the temperature range 180--350C and reagent ratio $\text{MeO}:\text{ZrO}_2$ of 1.5:3 (where Me = Ba, Sr) a metazirconate of Ba and Sr is formed, while the corresponding calcium metazirconate is not formed under these conditions. It is concluded that the hydrothermal method for the synthesis of BaZrO_3 and SrZrO_3 yields a better quality

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UDC: 546.831.4'42-31+546.831.4'431-31

L 13852-66

ACC NR: AP6002816

product than the oxide-sintering method. Orig. art. has: 1 table, 1 photograph, and 1 graph. 0

SUB CODE: 07/ SUBM DATE: 20Apr65/ ORIG REF: 004/ OTH REF: 003

Card 2/2 *AC*

POLEZHAYEV, Yu.M.; CHUKHLANTSEV, V.G.

Triangulation of the system $\text{Na}_2\text{O} - \text{ZrO}_2 - \text{SiO}_2$. Izv. AN
SSSR. Neorg. mat. 1 no.11:1990-1993 N '65.

(MIRA 18:12)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova,
Sverdlovsk. Submitted June 19, 1965.

CHUKHLANTSEV, V.G.; ALYAMOVSKAYA, K.V.

Interaction of zircon with rubidium carbonate and silicate.
Izv. AN SSSR. Neorg. mat. 1 no.11:1994-1999 N '65.

(MIRA 18:12)

1. Ural'skiy politekhnicheskii institut imeni S.M. Kirova,
Sverdlovsk. Submitted February 19, 1965.

SHARYGIN, L.M.; POSPELOV, A.A.; CHUKHLANTSEV, V.G.

Preparation of granular zirconyl phosphate by freezing, and
its ion-exchange properties. Radiokhimiia 7 no.6:744-747 '65.
(MIRA 19:1)

CHUKHLANTSEV, V.G.; ALYUMOVSKAYA, K.V.

Interaction of zircon with rubidium hydroxide under
hydrothermal conditions. Zhur.neorg.khim. 10 no.12:
2728-2731 D '65. (MIRA 19s1)

1. Ural'skiy politekhnicheskii institut imeni Kirova.

L 35848-66 EWT(m)/EMP(t)/ETI IJP(c) JD

ACC NR: AP6014725 (N) SOURCE CODE: UR/0186/65/007/006/0744/0747

AUTHOR: Sharygin, L. M.; Pospelov, A. A.; Chukhlantsev, V. G. 49

ORG: none B

TITLE: Obtaining granulated zirconium phosphate by freezing, and its ion exchange properties 21 27

SOURCE: Radiokhimiya, v. 7, no. 6, 1965, 744-747

TOPIC TAGS: ion exchange, zirconium compound, cryogenic effect, PHOSPHATE Q&L

ABSTRACT: Granulated vitreous materials have been obtained from silica gel, zirconium and titanium dioxides, zirconium phosphate, and a number of other compounds. The method for obtaining these inorganic ion exchangers in a granulated form consists of the following operations:
1. Obtaining a gel from dilute solutions with subsequent washing out of electrolytes in dialyzers, or with the use of ion exchange resins.
2. Slow freezing of the purified freshly precipitated gels in an air cryostat at a heat removal rate of the order of 5-10 kcal/ml/hr.
3. Water classification of the granulated sorbent into fractions of the same grain size, after thawing out. A further investigation was made of the ion exchange properties of a number of samples of zirconium phosphate

Card 1/2

UDC: 621.039.325:546.831:185:620.192.42

L 35818-66

ACC NR: AP6014725

granulated by freezing. Experimental results are shown in a series of curves. Orig. art. has: 3 figures.

SUB CODE: 07, 20/ SUBM DATE: 02Mar65/ ORIG REF: 006/ OTH REF: 006

nd
Card 2/2

05091-67 EWT(m)/ENP(t)/EII LIP(c) ID/WV/JG
Acc-NR: AP6027960 SOURCE CODE: UR/0020/66/169/003/0645/0647

AUTHOR: Chukhlantsev, V. G.; Galkin, Yu. M. 32

ORG: Ural Polytechnic Institute im. S. M. Kirov (Ural'skiy politekhnicheskiy institut) B

TITLE: Study of the ^{1 1 1 1} BaO-ZrO₂-SiO₂ system at subsolidus temperatures

SOURCE: AN SSSR. Doklady, v. 169, no. 3, 1966, 645-647

TOPIC TAGS: barium compound, zirconium compound, silicate, *PHASE DIAGRAM*

ABSTRACT: The subsolidus structure and ternary compounds of the BaO-ZrO₂-SiO₂ system (prepared by sintering powdered SiO₂, ZrO₂ and BaCO₃) was studied by using x-ray phase, chemical and in some cases petrographic methods of analysis. In the BaO-rich region, the coexisting phases are Ba₃SiO₅-Ba₂SrO₄; Ba₃SiO₅-BaZrO₃; Ba₂SiO₄-BaZrO₃; BaSiO₃-BaZrO₃. The composition of two additional compounds was established by studying the triangular phase diagrams of the systems BaSi₃O₈-ZrO₂-Ba₂Si₃O₈ and Ba₂Si₃O₈-ZrO₂-SiO₂; their formulas are 2BaO·2ZrO₂·3SiO₂ and BaO·ZrO₂·3SiO₂. These zirconium silicates are obtained by sintering from the oxides for 24-30 hr at 1300°C. Their physicochemical properties were determined, and their x-ray powder patterns are given. The paper was presented by Academician Belov, N. V., 25 Nov 65. Orig. art. has: 3 figures and 1 table.

SUB CODE: 07/ SUBM DATE: 18Nov65/ ORIG REF: 005/ OTH REF: 004

Card 1/1 LC

UDC: 541.123.35

METLITSKIY, O.M.; CHUKHLYAYEV, I.I.

Thermal deworming of strawberries. Trudy Col'm. lab. 16:75-80
'65. (MIRA 19:2)

CHUKHLEV, A. N.

"Investigating Processes of Isothermal Tempering and Increasing the Durability of Gray Pig Iron." Cand Tech Sci, Khar'kov Polytechnic Inst, Khar'kov, 1954. (RZhKhim, No 21, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

CHUKHLEB, A. N.

CHUKHLEB, A. N. -- "Investigation of the Processes of Isothermic Tempering of Pig Iron and Increasing Its Wear Resistance." Min Railways USSR. Khar'kov Inst of Railroad Transport Engineers imeni S. M. Kirov. Khar'kov, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

CHUKHLEB, A.N.

CHUKHLEB, A.N., assistant.

Diagram of isothermic transformations of gray cast iron austenite
in the field of medium temperatures. Trudy KHIIT no.23:179-187 '53.
(Austenite) (MLRA 10:8)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509110009-6

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509110009-6"

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1146, 1413

S/180/60/000/005/008/033
E073/E535

AUTHORS: Martynov, V. P. and Chukhleb, A. N. (Khar'kov)

TITLE: Influence of the Speed and Temperature of Deformation on the Phase Transformations in Austenitic Steels, 18

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i toplivo, 1960, No.5, pp.96-99

TEXT: The investigations aimed at elucidating the influence of the speed of deformation at various temperature conditions on the phase transformations in 18-8 type steels. The steels YIT (YalT) 18 and 34-654 (EI-654) were investigated, the main experiments being carried out by means of the steel YalT. The deformation was effected by stretching and compression with the following speeds (m/sec): stretching - 3×10^{-2} , 1×10^{-2} , 0.13, 5, 40
compression- 1.66×10^{-4} , 0.13, 23, 40, 80

Deformation under dynamic conditions was effected by means of the impact of a missile which is thrown out from a tube by a detonation wave. The speed of movement of the missile at the instant of impact was assumed as being the deformation speed; by changing the weight of the used explosive this speed could be changed. The test

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S/180/60/000/005/008/033
E073/E535

Influence of the Speed and Temperature of Deformation on the Phase Transformations in Austenitic Steels

microstructure of specimens deformed by impact differs from those deformed by static forces by the formation of incompletely developed slip lines. The microstructure of specimens deformed by impact at sub-zero temperatures show inclusions of additional slip planes and twins and in the case of very high speeds of deformation it also shows Neumann bands and bending zones. There are 4 figures and 3 Soviet references.

SUBMITTED: June 28, 1960

Card 3/3

ЧУКХЛЕБ, А.Н.

82639

18.7100

S/126/60/010/02/009/020

E111/E352

AUTHORS: Chukhleb, A.N. and Martynov, V.P.

TITLE: Gamma \rightarrow Alpha Phase Transformation During Ageing
in Type 18-8 Steels, Previously Deformed at a Sub-
zero Temperature

PERIODICAL: Fizika metallov i metallovedeniye, 1960, Vol. 10,
No. 2, pp 240 - 244

TEXT: The authors point out that as 18-8 steels are relatively insensitive to ordinary heat treatment it is particularly important to study the possibility of improving their mechanical properties by deformation. In the present work they report changes in properties of such steels, during heating, with and without deformations at room temperature and -183°C . Type 1Kh18N9T and 1Kh18N9 steels were used. Deformation was by extension and ageing was effected at 200, 300, 400, 450, 500 and 600°C . Phase changes were followed by X-ray structural and magnetic methods. Fig. 1 shows the relative magnetic susceptibility of 1Kh18N9T steel deformed to 30% at -183°C as functions of holding time (hours) at various temperatures. The relative magnetic susceptibility for Card 1/3

82639

S/126/60/010/02/009/020

E111/E352

Gamma \rightarrow Alpha Phase Transformation During Ageing in Type 18-8 Steels Previously Deformed at a Sub-zero Temperature

the same material similarly pre-treated is shown in Fig. 2, together with hardness (Curve 1) as functions of temperature for one hour's ageing. The quantity of magnetic phase is shown as a function of temperature in Fig. 3 for 1Kh18N9 and 1Kh18N9T (triangles and spots, respectively). In Fig. 4 the quantity of magnetic phase is shown for 1Kh18N9T steel as functions of deformation for deformation at -183°C (Curve 1) and deformation at -183°C , followed by ageing for 1 hour at 400°C . Fig. 5 shows as functions of time the quantity of magnetic phase for various pre-treatments of the two steels. The work showed that for both steels secondary hardness appears with ageing at $225-425^{\circ}\text{C}$, due to formation of more magnetic phase. Holding time in ageing influences both phase changes and properties of such steels. An 18-8 steel hardened by plastic deformation at sub-zero temperatures can be further hardened by ageing for 1 hour at about 400°C .

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82639

S/126/60/010/02/009/020

E111/E352

Gamma \rightleftharpoons Alpha Phase Transformations During Ageing in Type 18-8
Steels Previously Deformed at a Sub-zero Temperature

There are 5 figures, 1 table and 5 references: 4 Soviet and
1 English.

SUBMITTED: September 4, 1959, originally,
March 8, 1960, after revision.

X

Card 3/3

11710

30460
S/129/61/000/011/009/010
E073/E135

AUTHORS: Chukhleb, A.N., Candidate of Technical Sciences, and
Martynov, V.P., Engineer.

TITLE: Influence of the temperature of deformation on the
mechanical properties of austenitic steels

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
no.11, 1961, 44-47.

TEXT: The authors investigated the influence of preliminary
deformation on the phase changes in austenitic steel during
subsequent deformation at very low temperatures. They established
the range of temperatures at which the method of successive
deformation was effective and permitted combining high strength
with high ductility. Commercial melts of the steels X18M9
(Kh18N9), X18M9T (Kh18N9T) and 3M612 (EI612) (0.05% C, 15.25% Cr,
36.60% Ni, 1.40% Ti and 2.97% W) were used in the experiments.
In all the investigated steels deep cooling to -183 °C, without
deformation, did not produce martensite transformation. A
magnetometric instrument, which was described in an earlier paper
of the authors, was used for recording the $\gamma \rightarrow \alpha$ transformations
Card 1/4

30460

Influence of the temperature of ...

S/129/61/000/011/009/010
E073/E135

which occurred directly during the process of deformation. The experimental set-up enabled measuring simultaneously the tensile forces and recording the progress of martensitic transformation. Both in the preliminary and subsequent deformation, the steel was stretched, thus ensuring a more uniform distribution of the deformation along the cross-section than would be achieved by compression, torsion, rolling, etc. Extension at room temperature produced in the steels Kh18N9 and Kh18N9T formation of only a very insignificant quantity of the magnetic phase and this phase was detected only in specimens with high rates of deformation. Martensitic transformation was observed clearly during deformation of these steels at sub-zero temperatures and during plastic deformation (no phase changes were observed in the range of elastic deformations). Appearance of the α -phase was first observed at stresses slightly exceeding the yield point. Changes in grain size did not affect the kinetics of phase transformations in the steels under investigation. Deformation by extension at $-183\text{ }^{\circ}\text{C}$ led to intensive α -phase formation and to an appreciable increase in strength. In the steel EI612 no α -phase was observed during stretching at 20 and $-183\text{ }^{\circ}\text{C}$. The results of the
Card 2/4

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Influence of the temperature of ...

S/129/61/000/011/009/010
EQ73/E135

investigations have shown that the strength characteristics of the steel Kh18N9T depend to a considerable extent on the quantity of the martensitic phase, which will be the larger the lower the temperature during the second stage of deformation of the steel. The very favourable plastic properties obtained during subsequent deformation are due to the inclusion (formation) of additional slip planes. The temperature of the second stage of deformation (-35 °C) was such that conditions were created which enabled formation of an adequate quantity of martensite for ensuring the possibility of inclusion of additional slip planes. The phase composition was determined by X-ray structural methods after fracture ($\delta_{tot.} = 80\%$), on specimens deformed at +20 and -35 °C. It was established by X-ray structural analysis that specimens which were deformed under the described conditions contained 45% martensite. The presence of a large quantity of austenite in the steel permits further deformation at a lower temperature. A series of experiments was also carried out involving three-stage deformation of the steels Kh18N9 and Kh18N9T. If the steel was deformed at room temperature and then at -40 °C by

4

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Influence of the temperature of ...

S/129/61/000/011/009/010
E073/E135

δ_{sum} = 75-83%, i.e. until necking commenced, and then was fractured at -183°C , very high plastic properties were obtained (δ_{tot} = 110-113%) with very high strength values (S_b = 180-190 kg/mm²). By changing the conditions of deformation and, consequently, the conditions of formation of martensite, 18-8 type steels with high mechanical properties can be obtained. (Author's Certificate No. 117268, October 30, 1958). The results can be utilized for developing a technology of treatment of these steels.

There are 4 figures, 1 table and 6 references: 5 Soviet-bloc and 1 non-Soviet-bloc. The English language reference reads as follows:

Ref.3: H. Fiedler, B. Averbach and M. Cohen, TASM, v.47, 1955.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut
(Khar'kov Aviation Institute)

Card 4/4

AUTHORS: Chukhlebov, P.M., Kharach, V.G. SOV/91-58-3-16/28

TITLE: On Simplifying the Shielding System of a 3,000 KW Electromotor from a Short Circuit to Ground (Uproshcheniye zashchity elektrodvigatelya 3 tys. kvv ot zamykaniya na zemlyu) Exchange of Experience (Obmen opytom)

PERIODICAL: Energetik, 1958, Nr 3, p 23 (USSR)

ABSTRACT: The complicated short circuit-to-ground protection of the 3,000 KW electromotors, attained by means of the maximum capacity relay IM-142, proved to be unreliable. Another system was introduced; current transformers TZR and electromagnetic relay ETD-551-60 were applied. The protection capacity of the new system is 3.5 to 4.0 a which meets the norms. The new system is more simple both in itself and in mounting, cheaper, and does not need systematic revisions. There is 1 circuit diagram.

Card 1/1

CHUKHLIN, V. P.

Improve the training of young specialists. Rech. transp. 16 no.3:
17-19 Mr '57. (MLRA 10:4)
(Marine engineering--Study and teaching)

CHUKHLIN, V.P., kandidat tekhnicheskikh nauk.

Machining screw propeller vanes. Trudy GIIVT 10:125-136 '51.

(MIRA 10:1)

(Propellers)

SOV/124-58-5-5416

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 65 (USSR)

AUTHOR: Chukhlin, V.P.

TITLE: The Equipment of a Gravitational Test Basin (Oborudovaniye opytovogo basseyna gravitatsionnogo tipa)

PERIODICAL: Tr. Gor'kovsk. in-ta inzh. vodn. transp., 1957, Nr 14, pp 142-151

ABSTRACT: A description is given of a gravitational test basin at the Gor'kovskiy institut inzhenerov vodnogo transporta (Gor'kiy Institute of Water Transportation Engineers). The basin is equipped with devices for driving models at high speed, for towing them, for slowing them down and stopping them, and for returning them to their starting positions. It is designed to test ship models 3-4 meters in length under deep-water, shallow-water, and canal conditions. Described also are a variable-elevation towing-cable installation and the preparation of the apparatus for starting a model.

D.A. Chumak

1. Model basins--Design

Card 1/1

CHUKHLOMIN, I.M.

Experience in the use of thoracoscopy and thoracocautery in sanatoria
[with summary in French]. Probl.tub. 35 no.1:57-61 '57. (MLBA 10:6)

1. Iz Mukhinskogo tuberkuleznogo sanatoriya (Amurskaya oblast')
(PNEUMOTHORAX, ARTIFICIAL
thoracocautery, technic & results (Rus))
(TUBERCULOSIS, PULMONARY, diag.
thoracoscopy (Rus))

CHUKHLOMIN, I.M.

Results of early extrapleural oleothorax. Probl. tub. 35 no.6:43-46
'57. (MIRA 12:1)

1. Iz Mukhinskogo tuberkuleznogo sanatoriya.
(COLLAPSE THERAPY
pneumonolysis, extrapleural, with oleothorax (Rus))

CHUKHLOMIN, V.

In friendship with machinery. Rech. transp. 22 no.6:14-15 Je '63.
(MIRA 16:9)

1. Nachal'nik ugel'nogo uchastka Kotlasskego porta.
(Cargo handling—Equipment and supplies)

BLOKHIN, M.A.; TIMOFEYEVA, E.V.; CHUKHLOV, G.Z.

Determining diffusion coefficients by means of secondary X-ray spectra. Izv.AN SSSR.Ser.fiz. 20 no.7:809-810 J1 '56. (MLRA 9:11)

1. Rostovskiy gosudarstvennyy universitet imeni V.M.Molotova.
(Diffusion) (X-ray spectroscopy)

URAZGIL'DEYEV, A.Kh.; PRONSKIKH, S.N.; SIVTISOV, G.V.; CHUKHLOV, V.I.

Behavior of gases in the crystallization process of killed
steel ingots. Izv. vys. ucheb. zav.; Chern. met. 8 no.9:
69-73 '65. (MIRA 18:9)

1. Leningradskiy politekhnicheskiy institut.

FATKULLIN, O.Kh.; CHUKHLOV, V.I.; OYKS, G.N.; ANSHELES, I.I.; SIVKOV, S.S.;
FEDAN, A.T.; FEDOROV, V.I.; DANILIN, V.I.

Deoxidizing ball-bearing steel with vacuum treatment by ferrealuminum.
Metallurg 10 no.12:20-22 D '65. (MIRA 18:12)

1. Zavod "Krasnyy Oktyabr" i Moskovskiy institut stali i splavov.

СЛУЖБА ОУА

7
Правительств. С. С. Д'ячков и Л. К. Голубов
Зав. Отдел. К. К.

1/1 Distr: 1R13

с. 1

BENYAKOVSKIY, M.A.; MEL'NIKOV, O.A.; CHUKHLOVA, L.N.; GLUKHOV, S.K.

Improving the surface quality of hot-rolled strips. Metallurg
no.5:28-29 My '63. (MIRA 16:7)

1. Cherepovetskiy metallurgicheskiy zavod.
(Rolling(Metalwork)—Quality control)

BENYAKOVSKIY, Mark Aleksandrovich; DENEZHKIN, Boris Sergeevich;
CHUKHLOVA, Lyudmila Nikolayevna; BUTYLKINA, Larisa
Il'inichna; RYMOV, V.A., red.

[Quality of sheet surfaces] Kachestvo poverkhnosti listov.
Moskva, Izd-vo "Metallurgiiia," 1964. 53 p. (MIRA 17:7)

BENYAKOVSKIY, M.A.; KOZHEVNIKOV, A.S.; CHUKHLOVA, L.N.

Conditions for heating slabs. Metallurg 10 no.4:25 Ap '65. (MIRA 18:7)

1. Cherepovetskiy metallurgicheskiy zavod.

S/199/63/004/002/003/013
B172/B186

AUTHORS: Dragilev, M. M., and Chukhlova, O. P.

TITLE: Convergence of certain interpolation series

PERIODICAL: Sibirskiy matematicheskiy zhurnal, v. 4, no. 2, 1963, 287-294

TEXT: z_0, z_1, \dots denote the basic points of an interpolation problem (γ) produced by a system of linear functionals L_n , where

$$L_n(z^k) = b_{nk} = \begin{cases} 0, & n > k \\ z_n^{k-n} \left[\frac{k!}{n!(k-n)!} \right]^\gamma, & n \leq k, \end{cases}$$

$$0 \leq \gamma < \infty, n, k = 0, 1, \dots$$

Polynomials

$$P_n(z) = \sum_{i=0}^n a_i z^i \quad (n = 0, 1, \dots)$$

for which

$$L_n(P_k) = \begin{cases} 0, & n \neq k, \\ 1, & n = k \end{cases} \quad n, k = 0, 1, \dots$$

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Convergence of certain interpolation series

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B172/B166

are called interpolation polynomials of the problem (γ). For $\gamma = 1$, the Abel'-Goncharov problem is valid, for $\gamma = 0$, the Pommiez problem. Furthermore, $f(z)$ denotes a function regular in

$$|z| < \frac{1}{r} \quad (0 < r < \infty), \text{ for which } f(z) = \sum_{j=0}^{\infty} c_j z^j \quad \left(\overline{\lim}_{j \rightarrow \infty} |c_j|^{1/j} \leq r \right), \text{ and}$$

$F(z)$ a function which in the neighborhood of $z=0$ has the expansion

$$F(z) = \sum_{j=0}^{\infty} \frac{c_j}{(j!)^\alpha} z^j \quad (0 \leq \alpha < \infty).$$

These $F(z)$ form the class A_r^α . All sequences z_0, z_1, \dots for which

$$|z_n| \leq (n+1)^{\alpha-\gamma} \quad (n = 0, 1, \dots)$$

belong to the set T_α^γ . The lower limit σ_α^γ of r values for which a function $F(z) \in A_r^\alpha$ and a sequence from T_α^γ exist such that

$$L_n(F) = 0 \quad (n=0, 1), F(z) \neq 0$$

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B172/B186

is called uniqueness-limit of T_α^γ . The convergence limit of T_α^γ is defined as the upper limit S_α^γ of those r for which every function $F(z) \in A_r^\alpha$ can be represented by a series

$$F(z) = \sum_{n=0}^{\infty} L_n(F) P_n(z)$$

for every sequence from T_α^γ . $S_\alpha^\gamma = \sigma_\alpha^\gamma$ is proved. The main results of the work are contained in theorem 3. If $0 \leq \alpha, \gamma < \infty$, every function $F(z) \in A_r^\alpha$ for $r < \sigma_\alpha^\gamma$ can be expanded in a series of interpolation polynomials of the problem (3) with basic points of interpolation (3); for $r > \sigma_\alpha^\gamma$ there exist supporting points (3) and a function $F(z) \in A_r^\alpha$ which cannot be represented in this way.

SUBMITTED: June 22, 1961

Card 3/3

CHUKHLOVIN, B.A. (Leningrad)

Effect of ionizing radiation on the course of latent Salmonella
infection. Med. rad. 4 no.4:86 Ap '59. (MIRA 12:7)
(SALMONELLA) (X RAYS--PHYSIOLOGICAL EFFECT)

CHUKHLOVIN, B.A.

Effect of roentgen irradiation on the course of acute Salmonella infection; experimental study. Med.rad. 4 no.11:57-59 N '59.

(MIRA 13:2)

1. Iz kafedry epidemiologii (nachal'nik - prof. G.Ya. Zmeyev) Voenno-morskoy meditsinskoy akademii.

(SALMONELLA INFECTIONS experimental)

(RADIATION EFFECTS experimental)

CHUKHLOVIN, B.A.; KUDRYAVTSEV, M.G.

Bacteriological diagnosis of dysentery. Zhur.mikrobiol.epid.i immun.
32 no.2:127-129 F '61. (MIRA 14:6)
(DYSENTERY)

KARYUK, S.Ye., polkovnik meditsinskoy sluzhby, dotsent; KUDRYAVTSEV, M.G.,
podpolkovnik meditsinskoy sluzhby; CHUKHLOVIN, B.A., podpolkovnik
meditsinskoy sluzhby, kand.med.nauk

Clinical characteristics of salmonellosis Heidelberg in adults.
Voen.-med. zhur. no.5:62-64 My '61. (MIRA 14:8)
(SALMONELLA HEIDELBERG)

KUDRAVTSEV, M.G., podpolkovnik meditsinskoy sluzhby; CHUKHLOVIN, B.A.,
podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Detection of salmonellosis in a group of acute gastrointestinal diseases.
Voen.-med. zhur. no.7:47-48 J1 '61. (MIRA 15:1)
(SALMONELLA) (INTESTINES_DISEASES)

CHUKHLOVIN, B.A., podpolkovnik meditsinskoy sluzhby, kand.med.nauk;
IVANOVA, S.P., kand.med.nauk

Rapid diagnosis of bacterial dysentery by means of the method of
fluorescing antibodies. Voen.-med.zhur. no.9:55-57 S '61.

(MIRA 15:10)

(DYSENTERY--DIAGNOSIS)

(ANTIGENS AND ANTIBODIES)

BUROV, S. A., mayor meditsinskoy sluzhby, kand. med. nauk;
CHUKHLOVIN, B. A., podpolkovnik meditsinskoy sluzhby, kand. med.
nauk; MASLENNIKOVA, L. K., kand. med. nauk

Serodiagnosis of adenovirus diseases in military personnel.
Voen.-med. zhur. no.12:37-39 D '61. (MIRA 15:7)

(ADENOVIRUS INFECTIONS)

L 29327-66 ENT(1) SCTB DD

ACC NR: AP6018213

SOURCE CODE: UR/0219/66/061/006/0053/0055

AUTHOR: Chukhlovin, B. A. (Leningrad); Grachev, B. N. (Leningrad); Likina, I. V. (Leningrad)

ORG: none

38
B

TITLE: The detection of C- and C_x-reactive protein in the blood serum during exposure of the organism to SHF electromagnetic waves

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 61, no. 6, 1966, 53-55

TOPIC TAGS: SHF, microwave, hematology, animal physiology

ABSTRACT: The presence of C-reactive human proteins and C_x-reactive rabbit proteins was studied as a function of exposure to decimeter- and centimeter-range emf's. Only small power densities (2-3 mw/cm²) were used on human subjects. Two male subjects were exposed to decimeter range fields for 1 hr daily over a period of 10 days while two others served as controls. Blood serum was examined twice before, three times during (2nd, 3rd, and 9th exposure), and four days after exposure. C_x-reactive proteins were determined in 379 tests on rabbits. Two series of exposures were tested on animals. The first series was made up of animals exposed once and the second series involved animals exposed 5-30 times once a day. Animals were exposed to both pulsed and nonpulsed centimeter waves with power densities of

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UDC: 6.2.124.014.424+615.846.7-06:616.153.96

L 29327-66

ACC NR: AP6018213

3, 10, 50, and 120 mw/cm². The duration of exposure to 3 and 10 mw/cm² was 1 hr/day. At power densities of 50 and 120 mw/cm² the exposure durations were 30 and 15 min respectively. Since no difference between the biological effect of pulsed and nonpulsed irradiation could be found, the results were expressed as a function of power density. Studies conducted on human subjects did not reveal C-reactive proteins in the serums of either irradiated or control samples. Results of studies conducted on rabbits exposed once showed C_x-reactive proteins in the majority of animals exposed to 50 mw/cm² for 30 min and in all animals exposed to 120 mw/cm² for 15 min. Thus, C_x-reactive protein was detected only in animals exposed to power densities greater than 10 mw/cm². If C_x-reactive proteins were already present in the blood, intensities less than 10 mw/cm² increased their content. The results of the second series were analogous to those of the first series in that the magnitude and frequency of response depended on power density. Repeated exposure did not necessarily increase the quantity of C_x-reactive proteins in the blood. Frequently, these proteins disappeared in spite of continued exposure. The reason for this is not clear but it is suspected that after a certain amount of time, C_x protein antibodies develop. During adaptation of the organism to emf's, these antibodies could serve to eliminate C_x-reactive proteins from the blood. Orig. art. has: 1 table. [CD]

SUB CODE: 06/ SUBM DATE: 01Dec64/ ORIG REF: 001/ OTH REF: 003/ ATD PRESS:

Card 2/2 CC

CHUKHLOVINA, M.G.

Central nervous function in congenital heart defects. Vop. okh. mat.
i det. 3 no.1:64-69 Ja-F '59. (MIRA 12:2)

1. Iz kafedry detskikh bolezney (nach. - deystvitel'nyy chlen AMN SSSR
prof. M.S. Maslov) Voenno-meditsinskoy ordena Lenina akademii imeni S.M.
Kirova.

(HEART--ABNORMITIES AND DEFORMITIES)

(NERVOUS SYSTEM--DISEASES)

CHUKHLOVINA, M.G.

Peculiarities in the diagnosis of glycogen disease. Vop.okh.mat. i
det. 4 no.5:82-85 S-0 '59. (MIRA 13:1)

1. Iz kafedry detskikh bolezney (nachal'nik - deystvitel'nyy chlen
AMN SSSR, zaslushenny deyatel' nauki, prof. M.S. Maslov) Voenno-
meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(GLYCOGENOSIS)

CHUKHLOVINA, M.G.

Large pulmonary cyst in a 16-month-old infant. *Pediatria*
37 no.6:80-81 Je '59. (MIRA 12:9)

1. Iz kliniki detskikh bolezney (nachal'nik - deystvitel'nyy
chlen AMN SSSR prof.M.S.Maslov) Voenno-meditsinskoy akademii
imeni S.M.Kirova.

(LUNGS, cysts,
large cyst in inf. (Rus))

CHUKHLOVINA, M.G.

Clinical laboratory indices in children in various phases of chronic pneumonia. *Pediatrics* 38 no.11:36-41 N '60.

(MIRA 13:12)

1. Iz kafedry detskikh bolezney (nachal'nik - deyatvitel'nyy chlen AMN SSSR prof.M.S.Maslov) Voenno-meditsinskoy akademii imeni S.M.Kirova.

(PNEUMONIA in inf. & child)

KOLESOV, A.P.; KUTUSHEV, F.Kh.; CHUKHLOVINA, M.G.

Intrathoracic cysts in children. Vest. khir. 85 no. 8:42-51 Ag '60.

(MIRA 14:1)

(CHEST-TUMORS) (CYSTS)

CHUKHLOVINA, M.G.

Role of some congenital heart defects in the pathogenesis of pulmonary pathology. Vop. okh. mat. i det. 6 no.9:36-39 S '61.

(MIRA 14:9)

1. Iz kafedry fakul'tetskoy pediatrii (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki prof. M.S.Maslov [deceased]) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - dotsent Ye.P.Semenova);
(HEART--ABNORMITIES AND DEFORMITIES) (LUNGS--DISEASES)

СЛУЖБОВА, М.С.

Proteolytic enzyme treatment of children with chronic pneumonia
Pediatriia 4 no.7:26-31 JI'63 (MIRA 16:12)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - dotsent A.A.
Valentinovich) Leningradskogo pediatricheskogo meditsinskogo
instituta.

CHUMENINA, I. P.

"Sensitizing Action of Tissue Therapy." Cand Med Sci, First Moscow Order of Lenin
Medical Inst, 1 Mar 54. Dissertation (Vechernyaya Moskva Moscow, 17 Feb 54)

SO: SUM 186, 19 Aug 1954

TUGARINOVA, V.N., CHURHNINA, I.P., (Moskva)

Effect of functional disorders of the central nervous function on
the course of alloxan diabetes [with summary in English], Probl.
endok., i gorm. 4 no.3:32-36 My-Je '58 (MIRA 11:8)

1. Iz kafedry patologicheskoy fiziologii (zav. prof. S.M. Pavlenko)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(CENTRAL NERVOUS SYSTEM, physiology,
eff. of exper., dysfunct., on alloxan diabetes (Rus))
(DIABETES, MELLITUS, experimental,
eff. of CNS dysfunct. (Rus))

S/169/61/000/012/058/089
D228/D305

AUTHORS: Sakali, L. I., and Chukhnina, L. N.

TITLE: Advent of radiation and the atmospheric transparency over the sea

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1961, 24, abstract 12B157 (Tr. Ukr. n.-i. gidrometeorol. in-ta, 1961, no. 26, 29-33)

TEXT: The results of measuring direct and scattered radiation on Zmeinyy Island are stated; it is shown that under the conditions of the open sea the advent of radiation and the atmospheric transparency are somewhat greater compared with the coastal belt. The weakening of radiation over the sea is principally caused by the absorption of water vapor, while in the coastal belt it is mainly due to absorption and dispersion by aerosols. [Abstracter's note: Complete translation.] ✓

Card 1/1

CHUKHNO, A.

Study of communal labor problems. Sots. trud 8 no.7:149-151 J1
'63. (MIRA 16:10)

Chukhno, A.A.

CHUKHNO, A.A.; YASTREMSKIY I.S. [Iastrems'kyi, I.S.]; SUKHOPALKO, O.V.
[Sukhopal'ko, O.V.], dots. red.

[Tasks of the sixth five-year plan for increasing labor productivity
and improving the economic conditions of production] Zavrshchennia
shostoho p'iatyrichnoho planu v haluzi pidnesennia produktyvnosti
pratsi i polipshennia ekonomiku vyrobnytstva. Kyiv, Vyd-vo Kyivs'-
koho derzh. univ. im. T.M.Shevchenka, 1956. 29 p. (MIRA 11:3)
(Labor productivity) (Russia--Industries)

ЧУКХИНО. А. А.
LASKIN, S.T.; KOVALENKO, K.S.; CHUKHNO, A.A., kand.ekon.nauk, otvetstvennyy
red.

[Sixth five-year plan is a dynamic program to raise the material
and cultural standards of the Soviet people] Shestaia piatiletka -
boevaia programma krutogo pod'ema material'nogo i kul'turnogo urovnia
zhizni sovetskogo naroda. [Kiev] Izd-vo Kievskogo gos.univ. im.
T.G.Shevchenko, 1956. 31 p. (MIRA 11:3)
(Russia--Economic policy)

CHUKHNO, A.A. kandidat ekonomichnikh nauk.

Problems on the wages and increasing labor productivity in industry.
Nauk.zap.Kiev.un. 15 no.9:77-89 '56. (MIRA 10:7)
(Wages) (Labor productivity)

~~CHUKHNO, A. A.~~ POGORNLOV, M.S.[Pogorielov, M.S.] kand.ekon.nauk, red.

[Wages under socialism; a lecture] Zarobitna plata pry sotsializmi;
lektsiia, [Kyiv] Vyd-vo Kyivs'koho derzh.univ.im. T.H.Shevchenka,
1957. 28 p. (MIRA 11:3)
(Wages)

CHUKHNO, Anatoliy Andreyevich; PLYASUN, Ya., redaktor; LEVCHENKO, G.,
tekhnichnyi redaktor

[Wages and increasing labor productivity in industry] Zarobitna
plata i pidvyshchennia produktivnosti pratsi v promyslovosti.
Kyiv, Derzh. vyd-vo polit.lit-ry URSR, 1957. 96 p. (MLRA 10:10)
(Wages) (Labor productivity)

CHUKHNO, A.A.

CHERNENKO, Mark Semenovich, kand.ekon.nauk; CHUKHNO, A.A., red.; CHAKHOVIY, M.M., red.

[Leninist principle of democratic centralization in the management of the national economy] Lenins'kyi pryntsyp demokratychnoho tsentralizmu v upravlinni narodnym hospodarstvom. Kyiv, 1958. 45¹ p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrain's'koi RSR. Ser.2, no.2) (MIRA 12:3)
(Russia--Economic policy)

CHUKHNO, Anatoliy Andreyevich; CHAYEVSKAYA, N. [Chaiyevs'ka, N.], red.;
LOVENGARDT, I., tekhn.red.

[Expanded rights of the Union Republics to develop their national
economy] Rozshyrennia prav soiznykh respublik u hospodars'komy
budivnytstvi. Kyiv, Derzh.vyd-vo politplit-ry URSR, 1959. 70 p.
(MIRA 13:5)

(Russia--Economic policy)

CHUKHNO, Anatoliy Andreyevich

[Economic law of distribution according to work and its accomplishment; based on data for the coal industry in the Donets Basin]

Ekonomichnyi zakon rozpodilu po pratsi ta ioho zdiisnennia; na materialakh vuhil'noi promyslovosty Donbasu. Kyiv, Kyivs'kyi derzh. univ., 1959. 128 p.

(MIRA 13:3)

(Wages and labor productivity) (Donets Basin--Coal mines and mining)

CHUKHNO, Anatoliy Andreyevich; KOBA, M., red.; MIL'KIN, Yu., tekhn. red.

[How work norms are established in industrial enterprises] Iak
normuiet'sia pratsia na promyslovykh pidpriemstvakh. Kyiv,
Derzh. vyd-vo polit. lit-ry URRS, 1961. 47 p. (MIRA 14:10)
(Production standards)

CHUKHNO, Anatoliy Andreyevich, kand. ekonom. nauk; CHERNENKO, M.S., dots.,
otv. red.; SKRIPNIK, V.T., red.; MATVIICHUK, O.A., tekhn. red.

[Principle of material self-interest and the communist attitude
toward work] Pryntsyp material'noi zainteresovanosti i komuni-
stychne stavlennia do pratsi. Kyiv, 1961. 51 p. (Tovarystvo dlia
poshyrennia politychnykh i naukovykh znan' Ukrain'skoi RSR. Ser.1,
no.17) (MIRA 14:11)

(Work)

(Wages)

~~CHUKHNO, Anatoliy Andreyevich; KOROID, O.S., otv. red.; DROZHZHIN, Ye.V.[Drozhhyn, I.E.V.], red.; OKOPNA, O.D., tekhn. red.~~

[Distribution of material and cultural goods during the large-scale building of communism] Rozpodil material'nykh i kul'turnykh blah v period rozhornutoho budivnytstva komunizmu. Kyiv, Vyd-vo Kyivs'koho univ., 1962. 266 p.

(MIRA 15:10)

1. **Chlen-korrespondent Akademii nauk Ukrainskoy SSR** (for Koroid).

(Cost and standards of living)

CHUKHNO, A.A.; KOZLOV, G.A.; KASHCHENKO, A.I.; AGANBEGYAN, A.G.; VOLKOV, M.I.; ZHUKOVSKIY, Ya.M.; NAGORNIY, A.F.; TSAGOLOV, N.A.; KOVALEVA, M.F.; PAVLOV, P.M.; ATLAS, M.S.; KATS, A.I.; HAROVLYANSKIY, N.G.; ANCHISHKIN, I.A.; SPIRIDONOVA, N.S.; KRONROD, Ya.A.; SULIMOV, I.A.; BREGEL', E.Ya.; ROZENMAN, Ye.S.; VARTANYAN, K.A.; NOVIKOV, V.A.; GATOVSKIY, L.M.

Structure and content of the course on the economics of socialism.
Vop. ekon: no.6:57-143 Je '62. (MIRA 15:6)

1. Kiyevskiy gosudarstvennyy universitet (for Chukhno).
 2. Vysshaya partiynaya shkola pri Tsentral'nom komitete Kommunisticheskoy partii Sovetskogo Soyuza (for Kozlov, Volkov, Zhukovskiy).
 3. Yaroslavskiy gosudarstvennyy pedagogicheskiy institut (for Kashchenko, Narovlyanskiy, Sulimov).
 4. Institut ekonomiki i organizatsii promyshlennogo proizvodstva Sibirskogo otdeleniya AN SSSR (for Aganbegyan).
 5. Institut povysheniya kvalifikatsii prepodavateley obshchestvennykh nauk pri Kiyevskom gosudarstvennom universitete (for Nagornyy).
 6. Moskovskiy gosudarstvennyy universitet (for TSagolov, Spiridonova).
 7. Akademiya obshchestvennykh nauk pri Tsentral'nom komitete Kommunisticheskoy partii Sovetskogo Soyuza (for Kovaleva).
 8. Leningradskiy finansovo-ekonomicheskiy institut (for Pavlov).
 9. Moskovskiy finansovyy institut (for Atlas).
 10. Nauchno-issledovatel'skiy institut truda (for Kats).
 11. Institut ekonomiki AN SSSR (for Anchishkin, Kronrod).
 12. Moskovskiy ekonomiko-statisticheskiy institut (for Bregel').
 13. Moskovskiy energeticheskiy institut
- (Continued on next card)

CHUKHNO,---(Continued) Card 2.

(for Rozenman). 14. Armyanskiy sel'skokhozyaystvennyy institut
(for Vartanyan). 15. Permskiy politekhnicheskiy institut (for
Novikov). 16. Chlen-korrespondent Akademii nauk SSSR, glavnyy
redaktor zhurnala "Voprosy ekonomiki" (for Gatovskiy).
(Economics--Study and teaching)

CHUKHNO, A. (Kiyev)

Distribution in accordance with labor and public consumption
funds. Vop. ekon. no.3:49-54. Mr '63. (MIRA 16:3)
(Wages)
(Cost and standard of living)

CHUKHNO, Anatoliy Andreyevich, , doktor ekon. nauk, prof.;
KOGAN, Ye.L., red.

[Labor incentives] Stimuly k trudu. Moskva, Znanie,
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seria:
Ekonomika, no.22) (MIRA 18:1)

CHUKIHO, D.F., CHERNYSHEV, M.A.

Fruit Culture--Ukraine

Planting fruit trees along roads in the Ukraine. Les. i Step' 4, no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, NOVEMBER 1952, ~~1953~~, Uncl.

CHUKHNO, D. F.

"Labor Organization in Horticulture on Enlarged Collective Farms," Sad i Ogor.,
No.8, 1952

CHUKHNO, D. (F.)

"Organization of Labor in Collective Farm Orchards," Kolkh. proiz., 12, No.4,
1952

CHUKHNO, Dem'yan Fedotovich, kand. ekonom. nauk; KIREYEV, F.N., red.;
NEMCHENKO, I.Ye., tekhn. red.

[Economic aspects of fruit growing] Ekonomika sadovodstva. Kiev,
Gos. izd-vo sel'khoz. lit-ry USSR, 1961. 242 p. (MIRA 14:8)
(Ukraine—Fruit culture)

USSR/Meadow Cultivation.

L

Abs Jour: Ref Zhur-Diol., No 9, 1958, 39128.

Author : Klinenko, G.A., Chukhno, F.D.

Inst : Far Eastern Scientific Research Institute of
Agriculture.

Title : Contribution to the Problem of Improving Meadows
in the Maritime Kray.

Orig Pub: Dyul. Nauchno-tekhn. inform. Dal'nevost. n.-i.
in-ta S.-kh., 1957, 3, 29-31.

Abstract: Of all the methods studied at the Maritime Experi-
ment Station the only positive result was obtained
by a single mulling of sectors of the meadow, where
narrow leafed beach grass was prevalent. This cau-
sed a rarefaction of the beach grass crop. The

Card : 1/2

AZBUKINA, Z.M.; ~~CHUKHNO, F.D.~~

Effect of boron on clover fertilization, seed yield, and susceptibility
to fungous diseases in the Maritime Territory. Soob.DVFAN SSSR
no.11:107-111 '59, (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya
AN SSSR,
(Maritime Territory) (Boron as fertilizer)

SECRET

1. Management
2. Organization
3. Personnel
4. Finance
5. Administration
6. Information
7. Security
8. Training
9. Research
10. Development

CHUKHNO, M.A.; polkovnik; MEDVEDEV, A.I., podpolkovnik

Setting a course on land target. Vest.Vozd.Fl. no.1:22-23 Ja '60.
(MIRA 13:12)

(Aerial warfare)

KARPOV, A.M., professor; FROLOV, M.A., kandidat. tekhnicheskikh nauk;
CHUKHONTSEV, N.F., starshiy prepodavatel'.

Analyzing a case of booster fan performance in a mine ventilation
system. Ugol' 30 no.11:32-35 N '55. (MLBA 9:2)

1. Novocherkasskiy politekhnicheskiy institut.
(Donets Basin--Mine ventilation)

CHUKHONTSEV, N.F.

KARPOV, A.M., professor; FROLOV, M.A., kandidat tekhnicheskikh nauk;
CHUKHONTSEV, N.F., dotsent.

Improving the ventilation of a large anthracite mine.
Nauch. trudy NPI 32:71-83 '55.

(MLRA 10:2)

(Donets Basin--Coal mines and mining)
(Mine ventilation)

CHUKHONTSEV, N.F., dotsent

Ventilation resistance in conveyer-equipped mines. Trudy NPI
103:121-149 '59. (MIRA 13:9)
(Mine ventilation) (Conveying machinery)