The Third All-Union Hydrological Congress SOV-98-58-2-18/21

will convene once every 5 - 7 years.

1. Hydrology--USSR 2. Water power--USSR

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URYVAYEV, V.A.

10-58-3-1/29

AUTHOR: Dzens-Litovskiy, A.I., Lopatin, G.V. and Shnitnikov, A.V.

TITLE: The Third All-Union Hydrological Congress (Tretiy vsesoyuznyy gidrologicheskiy s"yezd)

PERIODICAL: Izvestiya Akademii Nauk SSSR - Seriya Geograficheskaya, 1958, Nr 3, pp 3-9 (USSR)

ABSTRACT: From the 7th to the 17th October 1957 the Third All-Union Hydrological Congress took place in Leningrad. There were 1,200 experts on hydrology and adjacent subjects, and guests from people's democracies present; 429 reports were delivered, among them 140 reports from workers of the Gidrometeosluzhba (The Hydrometeorological Service), about 65 from workers of the USSR Academy of Sciences and the same number of reports by workers of Soviet Higher Education Institutions. At the plenary meetings of the conference the following 9 reports were delivered: "Investigations on the Interior Waters of the USSR and Future Tasks in Studying This Subject" by V.A. Uryvayev; "Water Engineering Construction in the USSR and the Tasks of Hydrology" by S.N. Kritskiy, M.F. Menkel' and A.I. Chebotareva; " Investigating Lakes and Water Reservoirs of the

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USSR" by Ye.V. Bliznyak and V.G. Andreyanov; "The Utilization of the USSR Water Resources and the Future development of Water Engineering" by A.N. Voznesenskiy; "The Present Methods of Hydrological Prognosis and Ways Leading to Their Development" by G.P. Kalinin; "The Research and Computation of Water Discharges in the USSR, Their Present State and Future Development" by D.L. Sokolovskiy; "The Climatic Factors of Water Balance on the Continent" by M.I. Budyko and O.A. Drozdov; N.Ye. Kondrat'yev reported on his research regarding the deformation of river beds, and Academician I.P. Gerasimov on "The Transformation of Water and Thermal Conditions Under the Influence of Meliorative Measures". During the continuation of the conference the following reports were delivered in the 9 sections: B.L. Lichkov on "The Unity of Natural Waters and the Formation of Subsurface Waters", based on the theory of the Academician V.I. Vernadskiy; M.I. L'vovich on "Complex Geographical Method in Hydrology and the Tasks of Its Development", A.V. Shnitnikov on "The Past and Future of Lake Aral and the Big Climatic Rhythms"; B.A. Apollov on "The Connection Between Solar Activity and the Phenomena Determining the Flow of Rivers"; Ye.S. Rubinshteyn and O.A. Drozdov on "Climatic Changes and Variations and the Secular Course of Precipitations". The reports

of P.A. Kozlovskiy "Connections Between Hydrological and Terrestrial Electricity Problems" is said to have been interesting and valuable. Four reports were delivered by P.S. Kuzin, V.S. Mezentsov, V.I. Astrakhantsev and G.V. Lopatin on questions of hydrological partitioning; K.Ye. Ivanov reported on "Basic Principles of Swamp Hydrology"; V.V. Romanov on "Water Balance of Swamps in the European Parts of the USSR"; A.M. Gavrilov and P.V. Molitvin reported on their investigations regarding rivers in karst districts of the USSR; G.I. Shvets and E.G. Moskovkina reported on the secular fluctuations of the amount of water in the Dnepr and on historical floods at the lower parts of the Daugava; I.V. Bogolyubova, M.M. Ayzenberg, V.Ye. Ioganson, S.P. Kavetskoy and others reported on the study of flood waters and on catastrophic floods in mountainous districts; A.I. Dzens-Litovskiy on "Geological and Geographical Regularity in the Distribution of Fresh-Water-, Brackish- and Salt Lakes"; B.B. Bogoslovskiy on "Water Balance of Lakes in the USSR European Territory"; M.A. Man'ko and A.V. Agupov dealt in their reports with the subsurface supply of lakes, and A.N. Afanas'yev and O.I. Khalatyan with the water balance of the Lake Baykal and the Khrami water reservoir; G.I. Galaziy reported on "Botanical Method Serving Hydrology

and Engineering Geology". On the formation of shores and the bottom of water reservoirs, S.L. Vendrov dealt with the Tsimlyansk, the Kama, and the Kuybyshev water reservoirs; N.A. Labzovskiy, O.G. Grigor'yeva and A.S. Sukhodol'skiy on the theory of shore formation; V.M. Makkaveyev dealt with the theory of surge in water reservoirs; other reports delivered by Ye.M. Selyuk, P.I. Nikulin, V.L. Bulakh, V.P. Moskal' and I.G. Nikitin dealt with the theory of surge and in particular with the water reservoirs of Rybinsk, Kuybyshev, Kakhovka, Dnepr and Central-Asia. Matters of thermal processes and water balance of water reservoirs were treated by I.V. Molchanov, K.I. Rosinskiy, M.M. Aynbund (Lake Sevan), V.I. Verbolov (Lake Baykal), A.R. Konstantinov and G.G. Fedorova (Lake Valday). On subsurface water resources and the subsurface supply of rivers reported S.F. Aver'yanov, S.N. Bogolyubov, B.I. Kudelin, B.L. Lichkov, F.A. Makarenko, G.M. Zakharchenko, A.I. Kalabin, V.A. Sergeyev, V.I. Duginov, V.A. Korobeynikov, G.F. Basov, N.I. Druzhinin, A.V. Lebedev, O.V. Popov and others referred to the state of subsurface water supplies and A.A. Rode, N.N. Favorin, A.K. Filipnov and others to the water physical characteristics of soils. A.M. Ovchinnikov, V.I. Dukhanin and others reported on their investigations of the regularity of

subsurface water formation and distribution in the Russian lowland. From the regio... reports are mentioned: M.M. Ivanitsin, on the formation of subsurface water in the irrigated cases of Uzbekistan; B.N. Arkhangel'skiy, on underground depressions in the North-Western district; M.V. Silich, on the karst of the Lithuanian SSR. The question of evaporation from the water surfaces was covered by Z.A. Vikulin, D.L. Laykhtman, T.V. Kirillov, A.A.Krassovskaya, M.P. Timofeyev, N.I. Yakovlev and others. On the subject of evaporation from ground and vegetation, reports were delivered by V.F. Pushkarev, A.R. Konstantinov, V.V. Romanov, N.P. Rusin, V.I. Kuznetsov, G.F. Fedorov, V.F. Shebeko and others. On ice and snow research spoke G.D. Rikhter, Ye.Ya. Shcherbakov, I.V. Ivanov, P.P. Kuz'min, O.A. Spengler, A.P. Braslavskiy, A.G. Kolesnikov, A.A. Pivovarov, A.G. Pronin, B.P. Panov and others. On hydrochemistry and sanitary preservation of water, reports were delivered by N.M. Bochkov, S.M. Drachev, M.I. Kriventsov, A.O. Alekin. P.F. Bochkarev, N.V. Veselovskiy, P.P. Voronkov, K.K. Votintsev. S.G. Vznuzdayev, K.V. Filatov and others; on the regularity of chemical composition in natural waters of different geographic zones reported A.O. Alekin, L.V. Brazhnikova, P.V. Voron-

kov, A.I. Dzens-Litovskiy and others. Considerable attention was paid to the study of the conditions in regulated rivers and the state of technical equipment in hydrometric work (O.N. Borsuk, Ye.M. Znamenskaya, S.I. Koplan-Diks and A.K. Proskuryakov). On the possibility of using physical methods of measuring, based on the laws of ultra-accoustics and nuclear radiation, reported M.M. Arkhangel'skiy, A.M. Dimaksyan and Ye.V. Berg. I.V. Popova and Ye.A. Romanova reported on the future possibilities of using air photosurvey. Ye.V. Bliznyak proposed a scheme to systematize information on USSR water resources. On new methods of calculating the regulation of flow reported S.N. Kritskiy and M.F. Menkel'; I.A. Zheleznyak elucidated the phenomenon of transformation of the flood flow by means of a system of water reservoirs. Thirty five reports were presented by representatives of people's democracies.

AVAILABLE: Library of Congress

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1. Conferences - Hydrological Congress - Leningrad
2. Hydrology - USSR

BORSUK, O.N., kand.geogr.nauk; POPOV, I.V., kand.geogr.nauk; SPENGLER, O.A., kand.geogr.nauk; URYVAYEV, V.A., otv.red.; ORLOV, B.P.(Moskva), prof., doktor geogr.nauk, red.toma; PHOTOPOPOV, V.S., red.; BRAYNINA, M.I., tekhn.red.

[Proceedings of the Third All-Union Hydrological Conference] Trudy III Vsesoiuznogo gidrologicheskogo s"ezda, Leningrad. Gidrometeor.izd-vo. Vol.3. [Hydrophysics section] Sektsiia gidrofiziki. 1959. 470 p. (MIRA 12:5)

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(Hydrometeorology)

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BOLDAK, O.N., kand.geogr.nauk; POPOV, O.V., starshiy nauchnyy sotrudnik; [illegible], V.A., otv. redaktor; GUSEV, B.I., prof., doktor geol.-mineral.nauk, red.toma; [illegible], R.B., red.; BRAYNINA, M.I., tekhn.red.

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SOKOLOVSKIY, Daniil L'vovich, prof., doktor tekhn.nauk; URYVAYEV, V.A., otv.red.; SHATILINA, M.K., red.; VLADIMIROV, O.G., tekhn.red.

[Runoff; basic principles of theoretical and practical calculations] Rechnoi stok; osnovy teorii i praktiki raschetov. Izd.2., ispr. i dop. Leningrad, Gidrometeor.izd-vo, 1959. 527 p. (MIRA 12:9)
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FEDOROV, N.N., kand.tekhn.nauk; POPOV, I.V., kand.geogr.nauk; BORSUK, O.N., kand.geogr.nauk; GRUSHEVSKIY, M.S., kand.tekhn.nauk; VELIKANOV, M.A., prof., doktor tekhn.nauk, red.(Moskva); URYVAYEV, V.A., otv. red.; ALEKIN, O.A., red.; BLIZNYAK, Ye.V., red. [deceased]; BORSUK, O.N., red.; DAVYDOV, L.K., red.; DOMANITSKIY, A.P., red.; KALININ, G.P., red.; KRITSKIY, S.N., red.; KUDELIN, B.I., red.; MANOIM, L.F., red.; MENKEL', M.F., red.; OKLOV, B.P., red.; PROSKURYAKOV, A.K., red.; SOKOLOVSKIY, D.L., red.; SPENGLER, O.A., red.; CHEBOTAREV, A.I., red.; CHERKOVSKIY, S.K., red.; SHATILINA, M.K., red.; VLADIMIROV, O.G., tekhn.red.

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URYVAYEV, V.A.

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URYVAYEV, V. A.

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paper submitted for Intl Symp on Hydrological Networks, Design of, Quebec, 15-22 June 1965.

[redacted]

[redacted] (MIRA 18:8)

[redacted]

URYVAYEV, V.D.

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Stroi. v raion. Vost. Sib. i Krain. Sev. no.2:93-102 '62.
(MIRA 18:7)

URYVAYEV, V.D.

Snow load norms for structures and buildings. Meteor.i gidrol. no.6:25-27 Je '60. (MIRA 13:6)
(Snow--Density) (Roofs)

S/0044/64/000/004/B124/B124

ACCESSION NR: AR4039847

SOURCE: Ref. zh. Matematika, Abs. 4B553

AUTHOR: Ury*vayev, Yu. F.

TITLE: On the solution of differential equations by matrix methods.

CITED SOURCE: Tr. Mosk. in-ta inzh. zh.-d. transp., vy*p. 174, 1963, 214-216

TOPIC TAGS: differential equation, solution, matrix method, boundary value problem, civil engineering, integral matrice, Taylor's formula

TRANSLATION: An account is given of a method for solving boundary-value problems for the differential equations of civil engineering with the help of matrices, analogous in form to so-called integral matrices. For the construction of the matrices, Taylor's formula is used. The calculation of boundary-values is performed by A. F. Smirnov's method. In distinction with A. F. Smirnov's method, the proposed method interpolates only the highest derivative of the differential equation. The interpolation is realized with the help of a function which is constant on each Δx section. The method of solution is illustrated on an example of a

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ACCESSION NR: AR4039847

fourth-order differential equation. Bibliography, with 2 titles. I. Shelikhova

DATE ACQ: 15May64 SUB CODE: MA ENCL: 00

Card 2/2

URYVAYEV, Yu.F., aspirant

Solving the problem of the curve of a ring in an elastic medium. Trudy MIIT no.174:179-188 '63.

Solving differential equations by the matrix method. Ibid.:214-216. (MIRA 18:1)

URYVAYEV, Yu.F.

Matrix method for solving differential equations in the case of the discontinuity of functions in the zone of integration. Vych. i org.tekh. v stroi. i proekt. no.3:62-63 '64. (MIRA 18:5)

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URYVAYEVA, G. D.

Journal of The American Ceramic Society June 1, 1954
Structural Clay Products

5
3

Utilization of sludges of ash-sulfate charges as binding materials. A. T. LOGVINENKO AND G. D. URYVAEVA. *Akad. Nauk S.S.S.R., Zapadno-Sibirskii Filial, Trudy Khim.-Met. Inst.*, 1949, No. 3, pp. 55-80.—Extensive data are given on the chemical analyses and investigation of the physical characteristics of sludges obtained in the extraction of alumina from ash-sulfate charges. Experiments were made with charges consisting of coal ash (23.65% alumina), limestone, sodium sulfate, and coal. Bonding strength was comparable to that of unfired binding materials obtained from bauxite and nepheline sludges. The sludges contained 34 to 40% dicalcium silicate; this and additions of $CaSO_4$ and $Ca(OH)_2$ played the major role in the hardening of the binding materials. B.Z.K.

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URYVAYEVA, G. D.

Dissertation: "Effect of Some Admixtures on the Solidification of Sulphate Slime, Residue From Production of Alumina by the Sulfate Method." Cand Tech Sci, Novocherkassk Polytechnic Inst, Novocherkassk, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 5, Mar 54)

SO: SUM 243, 19 Oct 54

URYVAYEVA, G. D.

USSR/Chemical Technology - Chemical Products and Their Application. Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62245

Author: Logvinenko, A. T., Uryvayeva, G. D.

Institution: None

Title: Electron-Microscopic Investigation of Marls from Some Deposits at Kulunda

Original Periodical: Tr. khim.-metallurg. in-ta, Zap.-Sib. fil. AN SSSR, 1955, No 9, 51-54

Abstract: Description of the procedure of electron-microscopic analysis of marl samples. The data obtained show the possibility of using this method for the investigation of raw materials for the production of binders and in particular for ascertaining the effects of temperature on changes in chemical activity of its components, in the first place of Ca- and Mg-carbonates.

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LOGVINENKO, A.T., kandidat tekhnicheskikh nauk; URYVAYEVA, G.D.

Thermal analysis of marls from several Kulunda deposits. Trudy Khim.-met.inst. Zap.-Sib. fil. AN SSSR no.9:55-60 '55. (MLRA 10:2)

(Kulunda--Marl) (Thermal analysis)

URYVAYEVA, G.D.

Effect of some admixtures on the solidification of sulfate sludge. Trudy Khim.-met.inst. Zap.-Sib. fil. AN SSSR no.9: 61-70 '55. (MLRA 10:2)

(Sulfates)

URYVAYEVA, G.D.

Behavior of sulfur during sulfate sludge drying. Trudy Khim.-met. inst. Zap.-Sib. fil. AN SSSR no.9:71-77 '55. (MLRA 10:2)

(Sulfates)

15-57-1-702

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, pp 111-112 (USSR)

AUTHORS: Logvinenko, A. T., Uryvayeva, G. D.

TITLE: Electron-Microscope Study of Marls in Some Deposits of Kulunda (Elektronno-mikroskopicheskoye issledovaniye mergeley nekotorykh mestorozhdeniy v Kulunde)

PERIODICAL: Tr. Khim-metallurg. in-ta, Zap-Sib. fil. AN SSSR, 1955, Nr 9, pp 51-54.

ABSTRACT: The electron-microscope was used successfully in studying the role of different compounds in the Kulunda marls in the hardening of the binding material and the determination of the effect of temperature treatment on the binding properties of the burnt marl. The chemical compositions of the marls in the Ust'-Volchikha and the Barganka deposits are given in the table (in percent). Photomicrographs of the burnt marls, taken after reaction of the marls with water, clearly show micro-crystalline intergrowths of hydrates of calcium and

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magnesium oxide, and it is possible to determine the quantitative roles of these constituents.

Name of Locality	Sample designation	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	CaO	MgO
Ust' Volchikha	Pit 1	13.50	2.56	0.78	0.10	26.00	16.72
Barganka	Pit 1	29.12	3.95	0.70	0.10	18.92	9.63
	Pit 2	8.10	1.00	0.40	--	27.13	12.50

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Electron-Microscope Study of Marls in Some Deposits (Cont.) 15-57-1-702

SO_3	R_2O	H_2O	Others
tr.	1.06	1.24	38.04
8.72	0.82	4.76	23.28
14.59	0.04	7.68	28.56

Card 3/3

S. P. Sh.

17

PHASE I BOOK EXPLOITATION SOV/5747

Vsesoyuznoye soveshchaniye po redkim shchelochnym elementam. 1st, Novosibirsk, 1958.

Redkiye shchelochnyye elementy; sbornik dokladov soveshchaniya po khimii, tekhnologii i analiticheskoy khimii redkikh shchelochnykh elementov, 27-31 yanvarya 1958 g. (Rare Alkali Elements; Collection of Reports of the Conference on the Chemistry, Technology, and Analytical Chemistry of Rare Alkali Elements, Held 27-31 January, 1958) Novosibirsk, Izd-vo Sibirskogo otd. AN SSSR, 1960. 99 p. 1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Sibirskoye otdeleniye. Khimiko-metallurgicheskiy institut.

Resp. Ed.: T. V. Zabolotskiy, Candidate of Technical Sciences; Members of Editorial Board: A. S. Mikulinskiy, Professor, Doctor of Technical Sciences, A. T. Logvinenko, Candidate of Technical Sciences, F. P. Barkova, Candidate of Chemical Sciences; Ed.: V. M. Bushuyeva; Tech. Ed.: A. F. Mazurova.

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Rare Alkali Elements; Collection (Cont.) SOV/5747

PURPOSE : This book is intended for chemical engineers and technicians working in metallurgical and mining operations and related enterprises.

COVERAGE: The collection contains reports which deal with the physical and analytical chemistry of rare alkali elements and their compounds and their reactions with mineral ores and salts. Methods of extraction and modern analytical techniques and equipment are also discussed. No personalities are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

LOGVINENKO, A.T.; URYVAYEVA, G.D.

Using gypsum rocks and marls from Kulunda Steppe in producing local building materials. Izv.vys.ucheb.zav.; stroi. i arkhit. no.5:149-160 '58. (MIRA 12:1)

1. Sibirskoye otdeleniye AN SSSR.
(Kulunda Steppe--Gypsum) (Kulunda Steppe--Marl)

LOGVINENKO, A.T.; URYVAYEVA, G.D.

Technological classification scheme for gypsum-bearing rocks. Izv. Sib. otd. AN SSSR no.6:77-81 '58. (MIRA 11:9)

1.Zapadno-Sibirskiy filial AN SSSR.
(Gypsum)

LOGVINENKO, A.T.; URYVAYEVA, G.D.; TRET'YAKOVA, A.S.

Hardening of magnesia cement. Izv.Zib.otd.AN SSSR no.4:77-82 '59. (MIRA 12:10)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.
(Cement)

LOGVINENKO, A.T.; URYVAYEVA, G.D.

Sulfate pulp as raw material for the production of binding structural materials. Trudy Khim.-met.inst.Sib.otd.AN SSSR no.15:99-118 '60. (MIRA 14:6)

(Binding materials)

LOGVINENKO, A.T., kand. ; URYVAYEVA, G.D., kand. tekhn. nauk; TRET'YAKOVA, A.S., mlad. nauchnyy sotr.; SAVINKINA, M.A., mlad. nauchnyy sotr.; BEYROM, S.G., kand. geologo-mineral. nauk; KOLOBKOV, M.N., kand. ekon. nauk; ZABOLOTSKIY, T.V., kand. khim. nauk, otv. red.; NAZARYACHTS, T.M., red.; ZVOLINSKIY, S.A., tekhn. red.

[Gypsum and marls of the Kulunda Steppe] Gipsy i mergeli Kulundinskoi stepi. Novosibirsk, Izd-vo Sibirskogo otdeleniia Akad. nauk SSSR, 1961. 106 p. (MIRA 14:10)
(Kulunda Steppe--Gypsum) (Marl)

URYVAYEVA, G.D.

Binding properties of γ-dicalcium silicate. Izv. SO AN SSSR no.7 Ser. khim. nauk no.2:113-118 '65.

Reaction of dicalcium ferrite with water. Ibid.:109-112
(MIRA 18:12)

1. Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya Sibirskogo otdeleniya AN SSSR, Novosibirsk. Submitted May 5, 1964.

URYVAYEVA, G.D.; PENDYURINA, T.Ye.; OGLOBLINA, T.Ye.

Effect of lime and gypsum on the process of hardening of tetracalcium aluminoferrite. Izv. SO AN SSSR no.11 Ser.khim.nauk no. 3:21-25 '63. (MIRA 17:3)

1. Khimiko-metallurgicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

UKYVAYEVA, I.V.

Direct division of premitotic nuclei as effected by adrenaline on mesothelial mitoses in vivo. TSitologiia 7 no.6:711-719 N-D '65. (MIRA 19:1)

1. Laboratoriya tsitologii Instituta morfologii zhivotnykh AN SSSR i Laboratoriya gistokhimii Instituta morfologii cheloveka AMN SSSR, Moskva. Submitted April 2, 1965.

KONDRAT'YEV, N.Ye., kand. tekhn. nauk, red.; URYVAYEVA, V.A., kand. tekhn. nauk, red.; SHATILINA, M.K., red.; VOLKOV, N.V., tekhn. red.; SERGEYEV, A.N., tekhn. red.

[Study of unsteady flow on the Svir' River under winter and summer conditions] Issledovaniia neustanovivshegosia dvizheniia vody na reke Sviri v zimnikh i letnikh usloviiakh. Pod red. N.E.Kondrat'eva, i V.A.Uryvaeva. Leningrad, Gidroneteoizdat, 1963. 250 p. (MIRA 16:11)

1. Leningrad. Gosudarstvennyy gidrologicheskiy institut.
(Svir' River--Hydrology)

URYVSKIY, A.S., priborist

On the road to the automation of our refinery. Neftianik 5 no.5:17-18 My '60. (MIRA 13:6)

1. Novo-Groznenskiy neftepererabatyvayushchiy zavod.
(Novogroznenskiy--Petroleum refineries)
(Automation)

URYVSKIY, F.P.

USSR/ Miscellaneous

Card 1/1 : Pub. 103 - 8/29

Authors : Uryvskiy, F. P.

Title : Effectiveness of continuous (one-way) milling

Periodical : Stan. i instr., 9, 24-25, Sep 1954

Abstract : The effectiveness and advantages of continuous (one-way) milling of hard metals, as compared with the results of counter-milling, are discussed. The effect of feeding on the rigidity of the tool, in various milling speed-ranges, is explained. The effect of high temperatures and pressures on the quality of the machined surface is analyzed. Drawing.

Institution : ...

Submitted : ...

69417

SOV/123-59-21-87776

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 21, p 91 (USSR)
18.5200

AUTHORS: Reznikov, N.I., Uryvskiy, F.P.

TITLE: The Machinability of Heat-Resisting Steels and Alloys During Face Milling

PERIODICAL: Tr. Kuybyshevsk. aviats. in-t, 1958, Nr 7, pp 27 - 45

ABSTRACT: The authors state the results of investigations on the face milling of the following heat-resisting steel grades: EYaIT, EI437B (EI650) and EI598. Based on observations of the wear, they elucidate the character of the wear of milling cutters equipped with hard alloys. The relations between the cutter durability and the cutting rate, feed, cutting width and depth of cutting are investigated. An empirical cutting rate formula was found for the machining of heat-resisting steel grades. The optimum hard alloy grades, the optimum rear and front angles, plane angle and angle of inclination of the cutting edge are determined. 11 figures, 6 references.

K.L.I.

Card 1/1

URYVSKIY, F.P. (Cand.Tech.Sc)

"Cutting Billets from Heat Resistant Steel and alloys on Lathes and Pendulum Saws (Research on the Obtainment of Reserves to Raise Labor Output when Cutting Billets from Refractory Steel EI-654, conducted at Lab No 3 allowed to reduce the time of these operations by 5-7 times)."

report presented at the 13th Scientific Technical Conference of the Kuybyshev Aviation Institute, March 1959.

REZNIKOV, Naum Iosifovich, prof., doktor tekhn.nauk, zasluzhennyy deyatel nauki i tekhniki; ZHARKOV, Igor' Grigor'yevich; ZAYTSEV, Vladimir Mikhaylovich; KAZARIN, Arkadiy Semenovich; KRAVCHENKO, Boris Alekseyevich; IURYVSKIY, Fedor Prokof'yevich; BALANDIN, A.F., red. izd-va; EL'KIND, V.D., tekhn.red.

[Efficient ways of machining stainless and heat-resistant materials] Proizvoditel'naia obrabotka nerzhaveiushchikh i zharoprochnykh materialov. Pod red. N.I.Reznikova. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 198 p. (MIRA 13:12)
(Steel, Stainless) (Heat-resistant alloys)
(Metal cutting)

U.S.S.R. Machinery

FRASE I BOOK EXPLOITATION SOV/5040

Reznikov, Naum Iosifovich, Igor' Grigor'yevich Zharkov, Vladimir Mikhaylovich Zaytsev, Arkadiy Semenovich Kazarin, Boris Alekseyevich Kravchenko, and Fedor Prokof'yevich Urpvskiy

Prokhodnyye reztsy obrabotka nerzhaveyushchikh i zharoprochnykh materialov (Efficient Processing of Corrosion-and Heat-Resistant Materials) Moscow, Mashgiz, 1960. 198 p. Errata slip inserted. 7,000 copies printed.

Ed. (Title page): Naum Iosifovich Reznikov, Honored Scientist and Technologist RSFSR, Doctor of Technical Sciences, Professor; Ed. of Publishing House: A. F. Balandin; Tech. Ed.: V. D. El'kind; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V. I. Mitin, Engineer.

PURPOSE: This book is intended for technical personnel and highly skilled workers in the metalworking industry.

COVERAGE: The authors discuss the general characteristics and classifications of modern corrosion-, scale-, and heat-resistant materials with

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regard to their machinability with cutting tools, and in particular with hard-alloy-tipped tools. Also examined are the processes of turning, cutting-off with single-point tools and saws, and the basic types of milling and drilling. Special attention is given to the use of liquid and gaseous coolants. No personalities are mentioned. There are 36 references: 33 Soviet and 3 English.

TABLE OF CONTENTS:

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PHASE I BOOK EXPLOITATION SOV/3791

Soveshchaniye po obrabotke zharoprochnykh splavov, Moscow, 1957.

Obrabotka zharoprochnykh splavov; [sbornik dokladov...] (Treatment of Heat-Resistant Alloys; Collection of Papers Read at the Conference), Moscow, Izd-vo AN SSSR, 1960. 231 p. 3,500 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya; Akademiya nauk SSSR. Institut metallurgii im. A.A. Baykova. Nauchnyy sovet po problemam zharoprochnykh splavov.

Resp. Ed.: V.I. Dikushin, Academician; Ed. of Publishing House: V.A. Kotov; Tech. Ed.: V.V. Bruzgul'.

PURPOSE: This book is intended for metallurgists.

COVERAGE: The book consists of thirty papers read at the Conference on the Treatment of Heat-Resistant Alloys held in Moscow by the Committee on Machine-Building Technology, Institute of the Science of Machines, Academy of Sciences USSR, in 1957. The papers deal with four principal areas of alloy metallurgy: casting, forming, machining, and welding. The alloys (together with refractory carbides, borides, nitrides, and oxides) are discussed especially in connection with their application in the manufacture of turbine blades, heat engines, boilers, reactors, containers for high-temperature melts, dies, casting molds, and metal-cutting tools. No personalities are mentioned. Some of the articles are accompanied by references, mainly Soviet.

UKVSKIY, I.F.

PHASE I BOOK EXPLOITATION SOV/4362

Akademiya nauk SSSR. Komissiya po tekhnologii mashinostroyeniya

Obrabotka zharoprochnykh splavov (Treatment of Heat-Resistant Alloys) Moscow, Izd-vo AN SSSR, 1960. 231 p. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Komissiya po problemam zharoprochnykh splavov.

Resp. Ed.: V.D. Kuznetsov, Academician; Ed. of Publishing House: V.A. Kozov; Tech. Ed.: V.V. Bulgul'.

PURPOSE: This collection of papers is intended to summarize current information on the treatment of heat-resistant alloys with a view toward coordination further research.

COVERAGE: The book is a collection of papers presented at the Conference on Heat-Resistant Alloys, held 18-21 December 1957 by the Commission on Machine-Construction Technology of the Institut mashinovedeniya AN SSSR (Institute of Machine Science, Academy of Sciences USSR). The thirty papers in the collection deal with the casting, pressure working, welding, and cutting of heat-resistant alloys. No personalities are mentioned. References accompany several of the articles.

Bruskin, A.M. Heat Distribution Between Workpiece and Tool in the Machining of Heat-Resistant Alloys and Steels 152

Zhuravlev, A.S. Investigation of Some Factors in the Machinability of the EI437 Alloy 173

Downs, A.E. Electric-Pulse Machining of Heat-Resistant Alloys 182

Shatov, I.I. High-Speed Milling of Heat-Resistant Materials With Plate Helical Cutters 190

Dyachkin, P.M. Productivity Increase in the Machining of Heat-Resistant Steels and Alloys With Face Milling Cutters 195

Bolotin, A.Sh. Non-Soviet Experience in the Machining of Stainless and Heat-Resistant Steels and Alloys 206

Vasil'yev, D.I. Tool Life in the Machining of High-Strength Metals 207

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L 19199-63 EWP(k)/EWP(q)/EWT(m)/BDS AFFTC/ASD Pf-4 JD/JG
ACCESSION NR: AR3004197 S/0276/63/000/005/B144/B144

SOURCE: RZh. Tekhnologiya mashinostroyeniya, Abs. 5B751

AUTHOR: Ury*vskiy, F. P.; Korotin, B. S.

TITLE: Investigation of machinability of VT3-1 titanium alloy and of EI787 heat resistant steel

CITED SOURCE: Sb. Obrabaty*vayemost' zharoprochn. i titanovy*kh splavov. Kuyby*shev, 1962, 118-128

TOPIC TAGS: titanium alloy, heat-resistant steel, high-speed cutter, cutter, machinability, VT3-1, EI787, shavings shrinkage

TRANSLATION: Machinability investigation of VT3-1 alloy and EI787 steel was carried out with the purpose of studying the process of chip formation and characteristics of instrument wear, as well as in order to establish stability relationships. A lathe with a continuous control of the number of revolutions was used in the experiments. Dimensions of hard-alloy and high-speed cutters are as follows: gamma = 7 to 10°; alpha = 10°; lambda = 0°; phi = 45°; r = 1mm. It is established that at machining the VTZ-1 alloy the wear of hard-alloy cutters

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is along the main rear and front surfaces, and up to a wear value of h_3 = 0.4 to 0.5 mm the wear is uniform. At further work the wear increases fast. Cutters VK6M have the highest durability of all the hard-alloy cutters (at cutting at t = 2 mm, s = 0.4 mm/rev, v = 25 mm/min, h_3 = 0.4 to 0.5 mm). Slightly lower durability have VK8. Of the high-speed tools (at cutting at t = 2 mm, s = 0.4 mm/rev, v = 10 m/min, h_3 = 0.4 to 0.5 mm) the greatest durability have R9K10, slightly smaller -- the R9F5. Formulae are derived of relationships of v from s, t and T from VTZ-1 when machining with VK6M and R9K10 cutters. At machining of the VTZ-1 alloy a small effect of cutting speed on shrinkage of shaving has been observed. This is explained by a low plasticity of the alloy; the shaving has an elementary character. Increasing gamma from 0° to 10° leads to an increase of shrinkage of shaving; and at further gamma increase the shrinkage decreases. Formula is given for cutting temperature theta as function of t, s and v. It is determined that cooling by means of a 7%-emulsion, sprayed at a 4 atm pressure in the mixer, causes a substantial increase in the cutter durability. On the basis of dynamic investigations formulae are derived for determining cutting forces P_z, P_y and P_x. It is also established that at machining of VTZ-1 the intensiveness of the hammered layer amounts to 7 to 18%; comparatively small increase in hardness of the hammered layer can be explained by high temperature in the cutting zone. The increase in v and s is limited by cutting temperature, by the coefficient of

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longitudinal shrinkage and by the thickness of hammered layer. When the coefficient of longitudinal shrinkage is greater than 1.0, at t x s = 2 x 0.4 mm, maximum limit speed can be taken at v = 30 m/min and the maximum limit advance s -- at less than 0.5 mm/rev. The greatest durability have the VK6M cutters when machining the EI787 steel, while the high-speed cutters have small durability. At the cutter wear of h_3 = 0.4 mm the hammering intensiveness amounts to 37% and with a sharp cutter -- 17 to 20%. Formulae are given for determining the cutting speed, temperature and cutting forces P_z, P_y and P_x in relationship to the fundamental parameters of the cutting process. Six figures, 4 references. S. Pinchuk.

DATE ACQ: 21Jun63 SUB CODE: IE, MA ENCL: 00

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ACC NR: AR7004877 SOURCE CODE: UR/0276/66/000/009/B094/B094

AUTHOR: Uryvskiy, F. P.; Korotin, B. S.

TITLE: Surface quality in turning heat resistant materials

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 9B601

REF SOURCE: Tr. Kafedry proiz-va letatel'n. apparatov. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 2, 1965, 163-174

TOPIC TAGS: metal surface, metal turning, heat resistant material, tensile stress, titanium alloy/VT14 titanium alloy

ABSTRACT: Test data are given on work hardening and residual stresses occurring during machining of VTZ-1 and VT14 titanium alloys, and EI787 heat-resistant steel, as well as on the relation between the temperature in the metal cutting zone and residual stresses. It was determined that during machining of type EI787 steel, the thickness of the work-hardened layer varies from 0.1 to 0.38 mm. At the same time, the thickness of the work-hardened layer decreases while the machining speed v and back rake angle γ increase. An increase in

Card 1/2 UDC: 621.941.001.5

ACC NR: AR7004877

feed (mm/rev) s and the wear of the cutting tool lead to a considerable increase in the thickness of the work-hardened layer. During machining of VT3-1 alloy, the thickness of the work-hardened layer varies from 0.12 to 0.28 mm and the intensity of work-hardening varies within 7—18%. Increase of s and wear of the tool lead to an increase in the thickness and amount of work-hardening, while increase of v and angle γ contributes to their decrease. In machining type EI787 steel, tensile stresses are observed in the upper machined surface layers; these stresses subsequently become compressive stresses. During the treatment of type VT3-1 and VT14 alloys, the surface shows compressive stresses. These stresses may reach a maximum of 20—27 kg/mm^2. The compressive stresses then become tensile stresses. In machining the VT3-1 alloy, an increase in compressive stresses leads to an increase in fatigue strength. The original article has 9 figures and a bibliography of 4 reference items. L. Tikhonova. [Translation of abstract] [AM]

SUB CODE: 11/

Card 2/2

URZAYEVA, Z. V.

URZAYEVA, Z.V.

Nature of action of the sympathetic innervation of the heart in frog. Tr. Vsesoius. obsh. fiziol. no. 1:84-85 1952. (CIML 24:1)

1. Delivered 24 December 1949, Kazan'.

KEHKIS, Yu.Ya.; SVERDLOV, A.G.; YASNOVA, L.N.; URZHENKO, A.V.

Possibility of a distance mutagenic action of ionizing radiation in mammals. Radiobiologia 4 no.6:847-853 '64. (MIRA 18:7)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR, Novosibirsk, i Fiziko-tekhnicheskiy institut AN SSSR, Leningrad.

KERKIS, Yu. Ya.; YASNOVA, L.N.; URZHENKO, A.V.

Mutagenic effect of extracts from the various organs of irradiated mice. Genetika no. 6:110-114 D '65 (MIRA 19:1)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

URZHINSKIY, Konstantin Pavlovich; SHAFIROVA, A.S., red.; SOROKINA, T.I., tekhn. red.

[On-the-job training in enterprises] Proizvodstvenno-tekhnicheskoe obuchenie na predpriiatiiakh. Irkutskoe knizhnoe izd-vo, 1958. 66 p. (MIRA 12:2)

(Technical education)

URZHINSKIY, K., kand. yuridicheskikh nauk

Procedures for establishing occupational schedules for workers.
Sots. trud 7 no.10:134-142 O '62. (MIRA 15:10)

(Job descriptions)

YEREMEYEV, D.; URZHINSKIY, K.

"Contemporary labor legilsation of imperialistic states in the service of monopolies," edited by N.G. Aleksandrov. Reviewed by D. Eremeev, K. Urzhinskii. Sots. trud 8 no.2:155-158 F '63. (MIRA 16:2)
(Labor laws and legislation)
(Aleksandrov, N.G.)

URZHINSKIY K., kand.yuridicheskikh nauk

Job finding for youth in the U.S.S.R. Sots. trud 8 no.10:102-114 O '63. (MIRA 16:12)

[redacted], V.Ya.; [redacted]

Unit for the automatic [redacted] their dispatcher [redacted] 29 no.10:1-4. O '63. (MIRA 17:12)

1. Vostochno-Donbasskaya [redacted] upravleniye.

URZHUMOV, Nik.

Strict but kind judge. Rabotnitsa 35 no.12:15-16 D '57. (MIRA 11:3)
(Women as judges) (Burmistrova, Serafima Vasil'evna)

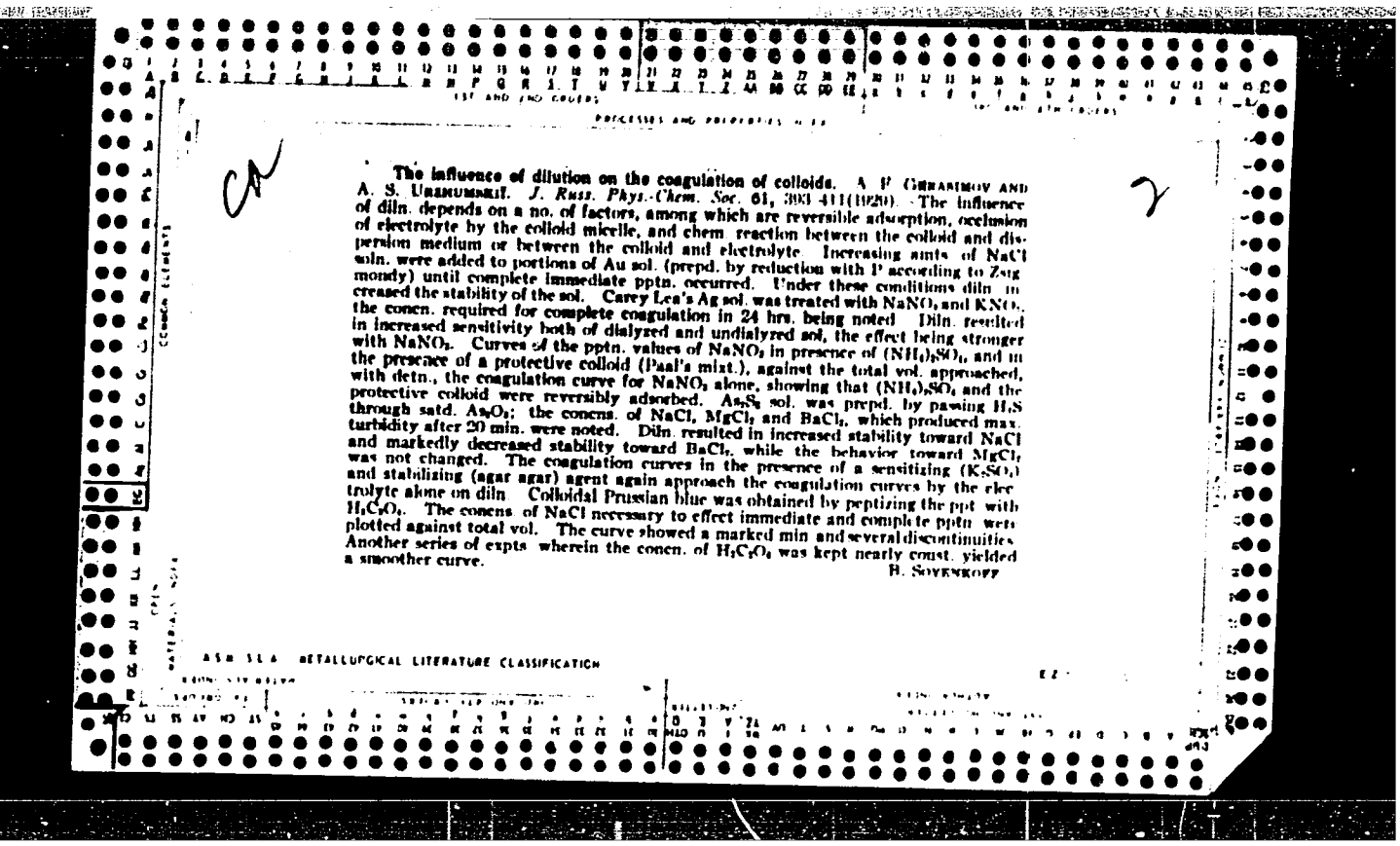
KANYGIN, V.G.; PRYANIKOV, V.I.; URZHUMOV, S.V.

Hydraulic trough unit for the granulation of blast furnace slags at the Karaganda Metallurgical Plant. Stal' 24 no.2:188-191 F '64. (MIRA 17:9)

LUR'YE, Z.L., prof.; BRYANTSEVA, R.G.; URZHUMOVA, A.I.

Involvement of the nervous system in acute prophyria. Sov.med. 23 no.9:107-112 S '59. (MIRA 13:1)

1. Iz nervnogo otdeleniya 4-y gorodskoy klinicheskoy bol'nitsy (glavnyy vrach M.V. Ivanyukov) i nervnogo otdeleniya bol'nitsy No.1 (glavnyy vrach. B.V. Nifontov) Ministerstva zdravookhraneniya RSFSR.
(PORPHYRIA compl.)
(NERVOUS SYSTEM dis.)



The influence of dilution on the coagulation of colloids. A. P. Gerasimov and A. S. Ushcumskii. *J. Russ. Phys.-Chem. Soc.* 61, 393-411(1929). The influence of dilu. depends on a no. of factors, among which are reversible adsorption, occlusion of electrolyte by the colloid micelle, and chem. reaction between the colloid and dispersion medium or between the colloid and electrolyte. Increasing amts. of NaCl soln. were added to portions of Au sol. (prepd. by reduction with P according to Zsigmondy) until complete immediate pptn. occurred. Under these conditions dilu. increased the stability of the sol. Carey Lea's Ag sol. was treated with $NaNO_3$ and KNO_3, the concn. required for complete coagulation in 24 hrs. being noted. Dilu. resulted in increased sensitivity both of dialyzed and undialyzed sol, the effect being stronger with $NaNO_3$. Curves of the pptn. values of $NaNO_3$ in presence of $(NH_4)_2SO_4$ and in the presence of a protective colloid (Paal's mixt.), against the total vol. approached, with dilu., the coagulation curve for $NaNO_3$ alone, showing that $(NH_4)_2SO_4$ and the protective colloid were reversibly adsorbed. As_2S_3 sol. was prepd. by passing H_2S through satd. As_2O_3; the concns. of NaCl, $MgCl_2$ and $BaCl_2$, which produced max. turbidity after 20 min. were noted. Dilu. resulted in increased stability toward NaCl and markedly decreased stability toward $BaCl_2$, while the behavior toward $MgCl_2$ was not changed. The coagulation curves in the presence of a sensitizing (K_2SO_4) and stabilizing (agar agar) agent again approach the coagulation curves by the electrolyte alone on dilu. Colloidal Prussian blue was obtained by peptizing the ppt. with $H_2C_2O_4$. The concns. of NaCl necessary to effect immediate and complete pptn. were plotted against total vol. The curve showed a marked min. and several discontinuities. Another series of expts. wherein the concn. of $H_2C_2O_4$ was kept nearly const. yielded a smoother curve.

B. Sovenkoff

URZHUMSKIY, N.

Niagara. Vokrug sveta 5:41-46 My '53. (MLRA 6:6)
(Niagara Falls--Description)

UHZHUMSKIY, Nik.

From Washington to San Francisco. Vokrug sveta no.12:34-39 D '53.
(MLRA 6:12)
(United States--Description and travel)

URZHUMTSEV, Yu. (Riga)

Use of ultrasonic waves for studying increase of strenth of concrete during hardening. Vestis Latv ak no.1:63-72 '60. (EEAI 9:11)

1. Akademiya nauk Latviyskoy SSR, Institut stroitel'stva i arkhitektury.
(Concrete) (Ultrasonics)

44299

S/058/62/000/012/029/048
A160/A101

AUTHOR: Urzhumtsev, Yu. S.

TITLE: A supersonic method of investigating concrete by its elastic and inelastic characteristics

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 78, abstract 12G699 (In collection: "Primeneniye ul'traakust. k issled. veshchestva". M., no. 15, 1961, 179 - 188)

TEXT: The experimental investigation of the dependence of the speed of ultrasound distribution, of the dynamic elasticity modulus, the coefficient of the sound attenuation, and the coefficient of Rayleigh's scattering - on the age, strength, composition and the water saturation of concrete confirms that the obtained relations are useful for evaluating the strength of the concrete without destroying it. Hereby, it is proved that, for rating the comparative strength of the conrete, the use of two characteristics, the elastic and inelastic ones, yields more satisfactory results than the use of only one elastic characteristic. The supersonic method of investigating the concrete by two or

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three characteristics extends the limits of applying existing concrete-testing methods, by using this method for controlling the quality of concrete blocks produced by various methods with a wider range of deviations in the proportioning of initial materials. The new method may also be used for evaluating changes in the strength of the concrete following its saturation with water and its freezing-and-thawing cycles.

[Abstracter's note: Complete translation]

Card 2/2

URZHUMTSEV, Yu.

Determining the velocity of ultrasonics in reinforced concrete. Vestis Latv ak no.4:63-66 '62.

1. Institut stroitel'stva i arkhitektury AN Latviyskoy SSR.

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12.1537

S/254/62/000/007/001/003
1025/1225

AUTHOR: Urzhumtsev, Yu.

TITLE: Ultrasound and strength

PERIODICAL: Nauka i zhittya, no. 7, 1962, 8-10

TEXT: A method is described for testing concrete and reinforced concrete constructions with the aid of ultrasonic waves, to establish their strength and the presence of any flaws. It is necessary to measure the ultrasonic propagation, its damping and dispersion, with an instrument having the appearance of a televisor with a small screen in a metallic container. It consists of an electronic device with which are connected the transmitter and the receiver of ultrasound. The main part is the piezocrystal, similar to the one used in sound recorders. By pressing on a piezocrystal plate, electric charges appear on its opposite faces, as well as an AC, the magnitude of which depends upon the frequency and amplitude of the vibrations. This is to be measured. The current from the piezo is amplified and transmitted to a recording instrument—an electronic oscillographic tube. One can see on the screen of the tube the propagation of the ultrasound and its damping. This can be used for testing reinforced concrete constructions. Transition from a sampling method of testing to a complete control of works can be made simultaneously with automatization of the procedure.

Card 1/1

URZHUMTSEV, Yu., kand.tekhn.nauk (Riga)

Ultrasound and strength. Nauka i zhyttia 12 no.7:8-10 Jl '62.
(MIRA 16:1)

(Ultrasonic testing) (Concrete--Testing)

ACC NR: AP6012868 SOURCE CODE: UR/0030/66/000/003/0169/0172

AUTHOR: Urzhumtsev, Yu. S. (Candidate of technical sciences)

ORG: none

TITLE: Mechanics of polymers (Conference in Riga)

SOURCE: AN SSSR. Vestnik, no. 3, 1966, 169-172

TOPIC TAGS: material deformation, physics conference, polymer, acoustic property, solid mechanical property, elasticity, creep, tensile strength

ABSTRACT: An All-Union Conference on the Mechanics of Polymers was held in Riga on 10—12 November 1965. The conference was sponsored by the Commission on the Mechanics and Physics of Polymers, the Scientific Council "Scientific Fundamentals of Strength and Plasticity," the Scientific Council on High-Molecular-Weight Compounds of the Academy of Sciences USSR, and the Institute of Mechanics of Polymers of the Academy of Sciences LatSSR.

The conference dealt with problems of the theory of strength, theory of deformation, and long-time stability of plates and shells. Authors and subjects of selected papers from the proceedings of the conference are listed below.

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ACC NR: AP6012868

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1. Zhurkov, S. N. Physical fundamentals of the theory of the strength of polymers.
2. Bartenev, G. M. Thermal and athermic destruction mechanisms of polymers.
3. Skudra, A. M. Phenomenological dependences of long-time strength and crack resistance of reinforced plastics on various factors.
4. Serensen, S. V., V. S. Strelyayev, and G. P. Zaytsev. Statistical aspects of the resistance to destruction of glass-reinforced plastics.
5. Aynbinder, S. B., I. I. Gol'denblat, V. A. Kopnov, and Ye. K. Ashkenazi. Variants of the theory of the strength of quasi-isotropic and anisotropic materials, features of strength tests, and evaluation of parameters in design formulas.
6. Ivanov, N. P., and V. A. Stepanov. Study of polymer strength under dynamic high-velocity loads.
7. Urzhumtsev, Yu. S., and S. L. Skalozub. Method for the study of acoustic fatigue and acoustic properties of polymers.
8. Latishenko, V. A. Nondestructive methods for determining mechanical properties of polymeric materials.
9. Sogolova, T. T., Ye. L. Vinogradskaya, V. I. Prosvirina, and Yu. L. Molokanova. Morphological forms and mechanical properties of polymers.

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10. Faytel'son, L. A., and I. P. Briedis. Theory of molding and computing highly reinforced polymeric systems under the effect of vibration.
11. Savin, G. N., G. A. Wang Fo Fei, and L. P. Khoroshchun; M. A Koltunov, and A. N. Nikolayevskiy; and Yu. M. Tarnopol'skiy, A. V. Roze, G. G. Portnov, and V. A. Polyakov. Problems of the mechanical state of reinforced media, involving the viscoelastic properties of the polymeric binder; correlative theory of elastic bodies with a non-uniform structure; nonlinear theory of elasticity; and the most urgent problems of the application of the theory of reinforced media.
12. Barenblatt, G. I., and L. A. Galin. Some causes of vibration induced creep of polymers.
13. Malmeyster, A. K., G. A. Teter, I. V. Knet, and A. F. Kreger. New developments in the theory of localized deformations and applications of this theory.
14. Rabotnov, Yu. N. Problems of long-time stability of plates and shells.
15. Teter, G. A., I. V. Knet, and A. F. Kreger. Application of the theory of localized deformations to the solution of problems of long-time stability of plates and shells.

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ACC NR: AP6012868

The proceedings of the conference showed that considerable progress has been achieved in both theoretical and practical aspects of the mechanics of polymers. This progress was attributed to the specialization of leading institutes of the Academy of Sciences USSR and of Republic academies, to better coordination of studies, and to the exchange of information upon completion of studies. [This feature article contains merely a brief enumeration of subjects of papers from the proceedings of the Conference. Some details on individual papers are given in the source.] [ATD PRESS: 4231-F]

SUB CODE: 20 / SUBM DATE: none

Card 4/4

KOLDAYEV, A., kand.sel'skokhoz.nauk; URZHUMTSEVA, N.

Green gold. NTO 4 no.9:34 S '62. (MIRA 16:1)

1. Zamestitel' predsedatelya Uzbekskogo nauchno-tekhnicheskogo obshchestva sel'skogo khozyaystva (for Urzhumtseva).
(Ambary hemp)

KOLDAYEV, A.; URZHUMTSEVA, N., agronom-ekonomist

Potentialities of agriculture should be used. NTO 4 no.12: 25-27 D '62. (MIRA 16:1)

1. Predsedatel' Uzbekskogo pravleniya Nauchno-tekhnicheskogo obshchestva sel'skogo khozyaystva, prorektor Tashkentskogo sel'skokhozyaystvennogo instituta (for Koldayev). 2. Zamestitel' predsedatelya respublikanskogo pravleniya Nauchno-tekhnicheskikh obshchestv (for Urzhumtseva).
(Uzbekistan—Agriculture)

MANESCU, I., ing.; URZICA, A., ing.

Extension aspects of mechanization and automation of the production of machine constructions. Probleme econ 16 no. 5: 142-143 My '63.

1. Director, Uzinele de masini agricole "Semanatoarea" (for Manescu).
2. Director tehnic, Uzina metalurgica "Tudor Vladimirescu" (for Urzica).

URZICEANU, Diana

Some results regarding the characterization of the stability of river beds by a numerical coefficient. Studii hidrol 3:67-75 '62.

URZICEANU, D.

Studies on instruments for measuring the solid flow of watercourses.
Hidrotehnica 7 no.11:369-378 N '62.

URZICEANU, Diana

Contributions to the study of the equipment for sampling the carried down alluvium. Studii hidrol 7:43-128 '63.

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); CIPLEA, Al., BONA C., POTORAC, E., URZICEANU, N., Colonel, Medical Corps; and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Burn Disease: Part 1 - Contribution to the Study of Histopathological Modifications in the Acute Phase of the Severe Experimental Burn (24 to 48 hours)"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 104-106

Abstract: Comprehensive data on experimental study in groups of 30 dogs (including 10 controls in each group), studying histopathologically the various tissues 6, 24, and 48 hours after the burn; with stress on adrenals, kidney and spleen lesions. Conclusion is that there is a definite pathological process whose stages can be differentiated; the nucleic acid content in various tissues is revelatory of the stage of disease.

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of the Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); CIPLEA, Al., BONA C., POTORAC, E., URZICEANU, N., Colonel, Medical Corps; and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Burn Disease: Part 2 - Contribution to the Study of Changes in the Spinal and Peripheral Blood During the Course of the Severe Acute Phase of Experimental Burns, 24 to 48 hours after the Burn".

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 106-110

Abstract: Study of bone marrow cytology in dogs 24 and 48 hours after severe burns; trends in leukocyte and erythrocyte series are reported and discussed. There is a marked difference between the two stages, i.e., hemoconcentration with erythrocytosis first, turning later to anemia; exhaustion of reticulo-endothelial system is part of the second phase. 3 photomicrographs.

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RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of the Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); CIPLEA, Al.; BONA C.; POTORAC, E.; URZICEANU, N.; Colonel, Medical Corps; and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Burn Disease: Part 3 -- Study of Nucleic Acids and Proteins Four Days in the Acute Phase (6 to 48 hours) of Severe Burns"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 110-114

Abstract: Histological and cytochemical study with various dyes of skin and kidneys of burned dogs indicates early intensification of lysosome activity; nucleic acids become degraded and many enzymes are released at pathological or pathogenic levels. 5 photomicrographs.

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of the Socialist Republic of Rumania (Membru corespondent al Academiei Republicii Socialiste Romania); BONA, C.; CIPLEA, Al.; POTORAC, E.; COMOROSAN, S.; VIERU, S.; URZICEANU, N., Colonel, Medical Corps; and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Burn Disease: Part 3 - Enzymologic Studies on the Acute Phase of Burns (6 to 48 Hours After the Burn)"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 114-116

Abstract: Lysosomal enzyme release in skin and kidney seems to be one of the primary causal factors in the appearance of a variety of tissue lesions which compose the burn syndrome. The principal enzymes are enumerated and discussed.

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