

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065420013-8

ZONOVA, Ye. S.

Dissertation: "The Embryology of Certain Representatives of the Willow Family."  
Cand Biol Sci, Inst of Botany imeni V. L. Komarov, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Jun 54)

SO: SUM 318, 23 Dec 1954

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CIA-RDP86-00513R002065420013-8"

ZONOVA, Yu.G.

Economic effectiveness of mechanizing coal mining operations in  
the Cheremkhovo Basin. Trudy Vost.-Sib.fil.AN SSSR no.21:141-154  
'59. (MIRA 13:9)

(Cheremkhovo Basin--Coal mines and mining)  
(Coal mining machinery)

ZONOVA, Yu.G.

Role of the coal resources of the Irkutsk Basin in the development of  
the taiga areas of central Siberia. Dokl. Inst. geog. Sib. i Dal'.  
Vest. no.6:87-91 '64. (MIRA 18:10)

USER/Chemistry - Fuels

1 Sep 53

"Investigation of Condensed Aromatic Hydrocarbons  
of Shale Oil Cracking-Kerosene," Z. T. Zonova,  
Inst of Mineral Fuels, Acad Sci USSR

DAN SSSR, Vol 92, No 1, pp 65-68

Studied the cracking-kerosene obtained from the middle neutral fraction of Baltic shale oil. The kerosene was sep'd into 6 fractions using the method of absorption chromatography and the characteristics of each fraction tabulated. The high-boiling fractions apparently consist mostly of tri- and tetracyclic hydrocarbons with admixts of sulfur and oxygen compds. Presented by Acad S. I. Mironov.

27.7

ЛОНЧУК, С. Т.

Dissertation: "An investigation of the Chemical Composition of the Product of Catalytic Cracking of the Middle Fraction of Tar From Baltic Shales." Cand Tech Sci, Institute of Mineral Fuels, Acad Sci USSR, 15 Jun 54. (Vestn Chernogol Moscow, Moscow, 4 Jun 54)

SO: STM 318, 23 Dec 1954

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Part 1 of 1 page

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CIA-RDP86-00513R002065420013-8"

ZONOVA, Z.T. (Moskva); MATVEYEVA, M.D. (Moskva)

Investigating weakly acid phenols from tar obtained in the continuous coking of Cheremkhovo coals. Izv. AN SSSR. Otd. tekhn. nauk. Met. i opl. no.3:130-134 My-Je '62. (MRA 15:6)  
(Phenols)

ZONOVA, Z.T. (Moskva); MATVEYEVA, M.D. (Moskva)

Investigation of tar phenols from the continuous coking process.  
Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:150-154 S-0 '61.

(Coal tar products) (Phenols)

(MIRA 14:10)

ZONOVA, Z.T.

USSR /Chemical Technology. Chemical Products  
and Their Application

I-15

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31843

Author : Zonova Z.T.

Inst : Academy of Sciences USSR

Title : Tar of Obshchiy Syrt Bituminous Shale

Orig Pub: Izv. AN SSSR. Otd. tekhn. n., 1956, No 7, 124

Abstract: Groupwise chemical composition and characteristics are given of the tar obtained on distillation of the bituminous shale.

Card 1/1

ZONSHAYN, S. I.

37495. ZONSHAYN, S. I. i ARIAZOROV, M. S. Bystreye zvukai. *Syerkhzhukovyye samolety*.  
--V ogl. 1-y avt: S. I. Zonshain [1]. V sb: Nauka i zhizn'. M., 1949, s.  
383-90.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

ZONSHTEIN, L.

USSR/Cultivated Plants - Fodders.

L-4

Abs Jour : Ref Zhur Biologiya, No 16, 25 Aug 1957, 69262

Author : Zonshtein<sup>4</sup>, L.

Inst :

Title : Some Results in Selection of Perennial Grasses.

Orig Pub : S. kh. Kirgiziy, 1956, No 1, 40-43

Abstract : The Kirghiz institute of hysbandry selected, improved and newly created a number of varieties of leguminous and her-bacious fodders, which have been successfully adapted to production. All the new specimens may be divided into the 4 following groups: 1) those created by means of blending populations of different geographic origin and alternately germinating them under various conditions; 2) those introduced from a wild-growing flora in improved environments by breeding and selection; 3) those created by hybridization in conjunction with selection and impro-ved breeding; 4) those created by selection from well-es-tablished or newly-introduced populations.

Card 1/1

USSR/Cultivated Plants - Grains.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15560

Author : L. Zonshteyn

Inst :  
Title : Problems in the Raising of Corn.  
(Voprosy vozdelivaniya kukuruzy).

Orig Pub : S. kh. Kirgizii, 1956, No 4, 31-35.

Abstract : No abstract.

Card 1/1

46

KUZ'MIN, V.V.; ZGELAYEV, S.I.; doktor tekhn. nauk, prof.; GORDUNOV, N.N.,  
doktor tekhn. nauk, prof.

Book reviews and bibliography. Mashinostroyitel' no. 1037-48  
Ja '66. (MIRA 19:1)

1. Nachal'nik upravleniya mashinostroyeniya Gosudarstvennogo  
komiteta standartov, mer i izmeritel'nykh priyeyt SVR (for  
Kuz'min).

Zonshayn, S.I.

1(2)

P.4

PHASE I BOOK EXPLOITATION

SOV/3265

Moscow. Aviationsionnyy tekhnologicheskiy institut

Nekotoryye voprosy aerodinamiki i dinamiki samoleta (Some Problems in Aerodynamics and Dynamics of Aircraft) Moscow, Oborongiz, 1959. 11 p.  
(Its: Trudy, vyp. 42) 2,100 copies printed.

Additional Sponsoring Agency: RSFSR. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya.

Ed.: (Title Page): S.I. Zonshayn, Doctor of Technical Sciences, Professor;  
Managing Ed.: A.S. Zaymovskaya, Engineer.; Ed. of Publishing House: S.I. Vinogradskaya. Tech. Ed.: V.P. Rozhin.

PURPOSE: This collection of articles is intended for the engineering and technical personnel of design offices and scientific-research organizations. It may also be used by students of aeronautical vuzes, specializing in the field of aircraft construction.

COVERAGE: This collection of articles contains some results of scientific research performed by the Aerodynamics and Design of Aircraft Department of MATI  
Card 1/6

Some Problems in Aerodynamics (Cont.)

SOV/3265

(Moscow Aviation Technology Institute) during the period 1955 - 1957. The collection considers a number of problems in wing theory for three-dimensional flow and in the dynamics of aircraft, and also methods for research conducted at the initial stages of design and configuration of aircraft. A report by V.T. Dubasov presents a variational method for approximate determination of the velocity field for potential unsteady, compressible and incompressible air flow about bodies. S.I. Zonshayn considers the methods of research performed to determine rational dimensions of aircraft during the initial design stages. The problem is solved in a general formulation, but the obtained results are applied to particular problems, for instance, to the calculation of optimum wing loads. In a report by N.Ya. Fabrikant, the theorem regarding the lifting force of a wing, given by N.Ye. Zhukovskiy, is generalized for the case of a rotational three-dimensional flow and a compressible medium. A formula is given for calculating force arising from the mutual interaction of two flows. The results obtained are used for calculating the effect of the accompanying jet on the lift coefficient of the wing and for calculating the load distribution along the span in the region bordering on the wing tip. A report by S.M. Matveyev deals with one of the important problems in aircraft dynamics - the loop - first investigated by N.Ye. Zhukovskiy. The problem is solved for the mathematically simplest case, namely a loop with uniform turning of the flight path. The kinematic and dynamic analysis

Card 2/6

Some Problems in Aerodynamics (Cont.)

SOV/3265

of the motion of an aircraft is developed up to the calculation of the characteristic of the loop. The formulas obtained turn out to be universal, that is, applicable to any aircraft. A report by A.A. Tupolev makes certain recommendations regarding the configuration of high-speed aircraft. No references are given.

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Card 3/6

## Some Problems in Aerodynamics (Cont.)

SOV/3265

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Zonshayn, S.I. Data Pertaining to Investigations of Rational Dimensions of Aircraft

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## Fabrikant, N.Ya. Generalizations of Zhukovskiy's Theorem of Lift Forces and Some Applications

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Card 4/6

## Some Problems in Aerodynamics (Cont.)

SOV/3265

3. Lift force arising as a result of the mutual interaction of two flows	65
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Matveyev, S.M. On the Loop of an Aircraft With Uniform Turning  
of the Flight Path

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Card 5/6

ZONSHAYN, Semen Iosifovich; MEREKULOV, A.P., redaktor, inzhener; PETROVA, I.A., redaktor; MYASISHCHEV, V.M., professor, retsenzent; FOMIN, N.A., dotsent, kandidat tekhnicheskikh nauk, retsenzent; MANUCHAROV, V.A., inzhener, retsenzent; GLADKIEH, N.N., tekhnicheskij redaktor

[Aerodynamics and construction of an airplane] Aerodinamika i konstruktsiya samoleta. Moskva, Gos. izd-vo obor. promyshl., 1955. 243 p.  
(Airplanes--Design and construction) (MIRA 9:2)

ZONSHMYN, L.Ya.

[Stubble and companion crops for feed] Poshnivnye i podsevnye kul'tury  
na korm. Frunze, Kirgizskoe gos. izd-vo, 1955. 56 p. (MIRA 10:2)  
(Forage plants) (Companion crops)

14-57-7-15380

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,  
p 183 (USSR)

AUTHOR: Zonshteyn, L. Ya.

TITLE: Sorghum in Kirgiz SSR (Sorgo v Kirgizii)

PERIODICAL: Sots. s. kh. Kirgizii, 1956, Nr 4, pp 6-10

ABSTRACT: In Kirgiz SSR sorghum is chiefly found in private gardens of collective farmers, workers, and officials, in the southeastern area, the Chuya Valley and the lower part of Talass Valley. A cereal sorghum, the "dzhugara," grows in the south as well as the broom sorghum. The former is grown for grain and for poultry food. Only the broom sorghum is grown commercially in the Chuya and Talass valleys. The local inhabitants often plant sorghum instead of corn in the meadow-solonchak soils, in alkaline soils, and where the water supply is uncertain. Sorghum is

Card 1/2

Sorghum in Kirgiz SSR (Cont.)

14-57-7-15380

**APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002065420013-8"**  
exceptionally important in bogar-type soils where corn cannot grow because of insufficient moisture. The author describes the methods employed in planting experimental sorghum crops under various conditions.  
Card 2/2

O. K.

ZOMSHTEYN, L.Ya.; ZANYUK, Yelena Filippovna

[Ways for increasing perennial grass yields] Puti povysheniia  
urozhainosti mnogoletnikh trav. Frunze, Kirgiskoe gos. izd-vo,  
1956. 81 p.  
(Grasses)

ZONSHTEIN, L. A.

Foddergrass cultivation on the irrigated land of Kirghizistan. Frunze, 1942. 21 p.  
IU

1. Grasses - Kirghizistan
2. Pastures.
3. Bogs - Kirghizistan.

ZONSHTEXN, L. Ya.

Zonshteyn, L. Ya. - "Cultivation of perennial cereal grasses in Kirgiziya,"  
Trudy Kirgiz. nauch. -issled. in-ta zhivotnovodstva, Issue  
9, 1948, p. 175-200 --- Bibliog: 36, items

So: U-3566, 15 March 53, ("etopis 'Zhurnal 'nykh Statey, No. 13, 1949)

SOWINSKA, Barbara; GEDLICZKA, Otmar; ZONTEK, Franciszek

Effect of hemorrhage on the amino nitrogen and free amino acid level in the blood of the rabbit. Przegl. lek. 21 no.9:577-579 '65.

1. Z II Kliniki Chirurgicznej AM w Krakowie (Kierownik: Prof. dr. med. J. Oszacki).

GEDLICZKA, Otmar; MARCZYNSKA, Antonina; SKAWINSKI, Stefan;  
SZNAPKA, Zbigniew; LEWANDOWSKI, Adam; ZONTEK, Franciszek

The bromsulphalein (BSP) half-time ( $t_{1/2}$ ) in rabbits  
following hemorrhage. Pol. tyg. lek. 18 no. 40:1481-1482 30 S 1963.

1. z II Kliniki Chirurgicznej AM w Krakowie; kierowniki: prof.  
dr J. Oszacki.

(SULFOBROMOPHTHALEIN) (LIVER FUNCTION TESTS)  
(HEMORRHAGE) (BLOOD VOLUME)

DOLEZALOWA, Marta; PEIKER, Wojciech; ZASOWSKI, Andrzej; ZONTEK, Franciszek

Relationship between microbial resistance to antibiotics and patient's age and sex. Pol. tyg. lek. 17 no.27:1063-1065 2 Jl '62.

1. Z Zakladu Mikrobiologii Lekarskiej AM w Krakowie; kierownik: prof. dr Z. Przybylkiewicz, z Kliniki Chorob Zakaźnych AM w Krakowie; kierownik: prof. dr. Wl. Fejkiel i z II Kliniki Chirurgicznej AM w Krakowie; kierownik: prof. dr J. Oszacki.

(DRUG RESISTANCE MICROBIAL) (ANTIBIOTICS)

GEDLICZKA, Otmar; SKAWINSKI, Stefan; SZNAPKA, Zbigniew; ZONTEK, Franciszek

Pressure in the portal vein following hemorrhage. Pol. tyg. lek.  
19 no.18:668-671 27 Ap '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Krakowie  
(kierownik: prof. dr. Jan Oszacki).

BAKHTERIOVA, Nataliya Petrovna; BOGDARCHUK, Anton Vasil'yevich;  
ZONTOV, Vasiliy Vasil'yevich; VASILEVSKIY, N.N., red.

[Raynaud's disease; clinical aspects and neuropathophysiological studies of the central mechanisms] Bolezn' Reino; klinika, neiropatofiziologicheskie issledovaniia tsentral'nykh mekhanizmov. Leningrad, Meditsina, 1965. 188 p.  
(MIRA 18:4)

*Zar. Feicht, Ya. V.*

STOYANOVSKIY, A.F., prof.; PROMINSKAYA, T.V.; ZONTOVICH, Ya.V.

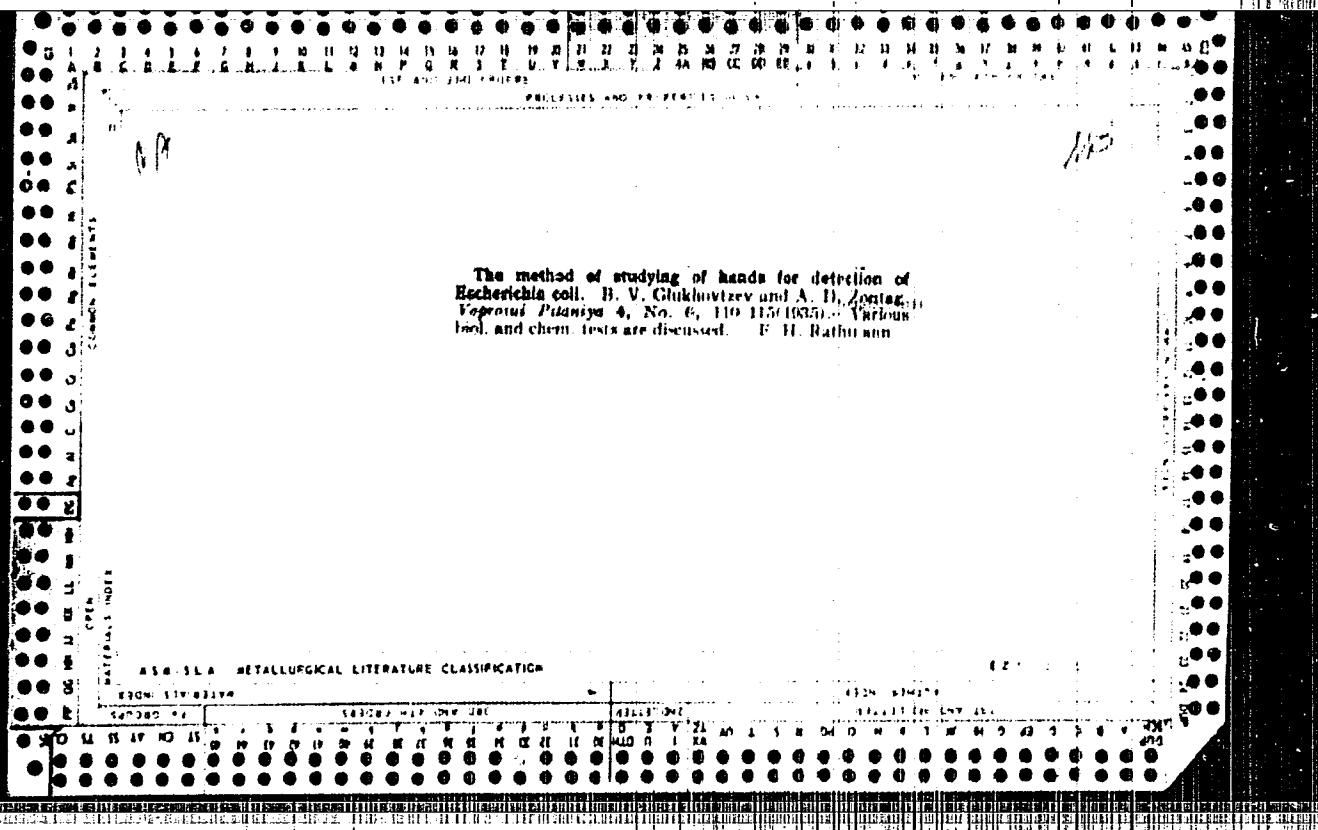
Practical use of the microbe association agglutination method  
(mixed cultures) in solving certain problems. Vrach.delo  
supplement '57:112 (MIRA 11:3)

1. Kafedra obshchey gigiyeny Odesskogo meditsinskogo instituta.  
(BACTERIOLOGY)

ZONSETZYN S.Ya.

VILENSKIY, N.M., kandidat tekhnicheskikh nauk; DYRDAK, Yu.A., inzhener;  
ZONSETZYN, S.Ya., inzhener.

Converting condensation steam turbines to a system with derated  
vacuum. Energetik 5 no.4:28-31 Ap '57. (MIREA 10r6)  
(Steam turbines)



KOZENKO, A.B.; ZONTOV, A.K.; KOPTSOV, V.S.; FROLOV, A.V., red.;  
ZAGOSKINA, G.V., red.; SHENDAREVA, L.V., tekhn. red.

[Automated continuous production line for the manufacture of  
fiberboards] Avtomatizirovannia potochnaia liniia dlia pro-  
izvodstva fibrolitovykh plit. Moskva, TSentr. in-t tekhn.  
informatsii i ekon. issl. po lesnoi, bumazhnoi i derevoobra-  
batyvaiushchel promyshl., 1962. 68 p. (MIRA 16:4)  
(Fiberboard) (Assembly-line methods)

ZONTOV, N.S.

Geology of the vein copper-nickel deposit in the northern salient  
of Rudnaya Mountain (Noril'sk region). Geol. rudi. mestorozh. no.5:  
3-20 S-O '59. (MIRA 13:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii  
i geokhimii AN SSSR.  
(Noril'sk region--Ore deposits)

ZONTOV, N.

Uranium ores in the capitalistic countries. Atom. energ. 4 no.5:  
489-493 My '58. (MIRA 11:6)  
(Uranium ores)

AUTHOR: Zontov, N. 80-4-5-22/26

TITLE: The Uranium Raw Material Base of Capitalistic Countries  
(Syr'yevaya baza urana v kapitalisticheskikh stranakh)

PERIODICAL: Atomnaya Energiya, 1950, Vol 4, Nr 5,  
pp 489 - 493 (USSR)

ABSTRACT: Taken from 28 publications, a report is given on the most important places where uranium is dressed in Canada, the Union of South Africa, Belgian Congo, Australia, and other smaller countries. There are 1 table and 28 references, none of which are Soviet.

AVAILABLE: Library of Congress

1. Uranium--Sources

Card 1/1

YAKZHIN, Alekseandr Andreyevich; KUZ'MENKO, V.I., retsenzent; red.; DANIL'YANETS,  
A.A.; retsenzent; ZONTOV, N.S., retsenzent; PETRENNIKO, Ye.Ye.,  
retsenzent; MEDOTSOVA, A.I., red.izd-vs; GURCOVA, O.A., tekhn.red.

[Prospecting for uranium deposits] Poiski i razvedka uranovykh  
mestorozhdenii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol.  
i okhrane nedr, 1961. 479 p. (MIRA 14:4)  
(Uranium ores)

ZONTOV, N.S.

Differentiation characteristics of molten copper-nickel sulfides  
[with summary in English]. Sov. geol. 1 no.6:102-120 Je '58.  
(MIRA 11:10)

1. Ministerstvo geologii i okhrany nadr SSSR.  
(Systems (Chemistry)) (Ores)

ZONTOV, N. S. Cand Geol-Min Sci -- (diss) "The copper-and-nickel vein deposits  
of the northern cape of the Rudnaya mountain (Noril'skiy Rayon), Mos. Publishing  
House of the Acad Sci USSR<sup>7</sup> 1959. 25 pp (Acad Sci USSR. Inst of Geology of  
Ore Deposits, Petrography, Mineralogy, and Geochemistry), 175 copies (KL, 41-59, 103)

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ZONTOV, N.S.

Second International Conference on Peaceful Use of Atomic  
Energy. Geol.rud.mestorozh. no.1:109-111 Ja.-F '59.  
(Atomic power--Congresses) (MIRA 12:5)

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3(8)

AUTHOR:

Zontov, N. S.

SOV/89-6-6-1/27

TITLE:

News in Geology and Economics of the Uranium Ore Bases in the Capitalist Countries (Novoye v geologii i ekonomike syr'yevoy bazy urana kapitalisticheskikh stran)

PERIODICAL: Atomnaya energiya, 1959, Vol 6, Nr 6, pp 613 - 622 (USSR)

ABSTRACT: In the present paper material dealing with this subject which was published in western periodicals as well as from lectures Nr 862,774, 768, 1933, 1932, and 1921 of the Second Geneva Conference for the Peaceful Application of Atomic Energy (1958) is summarized. At first, a report is given on the uranium ore resources and the uranium production in Canada, USA, the South African Union, Australia, Belgian Congo, France, Italy, and other countries. The second paragraph deals with the type of the occurrence, the geological type, etc as well as with the concentrations and the possibilities of an economic production. The third paragraph deals above all with geological problems; first the magmatogenic sites are discussed (pegmatite, skarn, and the hydrothermal sites divided according to the formations: iron-titanium-uranium, copper-uranium,

Card 1/2

News in Geology and Economics of the Uranium Ore Bases SOT/89-6-6-1/27  
in the Capitalist Countries

nickel-cobalt-uranium etc), then the uranium occurrence in sedimentary rocks and finally, those in Pre-Cambrian conglomerates. In the following the author reports on the distribution of the resources according to the regional geological structure and the increase of uranium mineralization in the individual countries. There are 5 figures, 1 table, and 10 references, 2 of which are Soviet.

SUBMITTED: January 3, 1959

Card 2/2

BEKTEREVA, N.P.; ZONTOV, V.V.

Electrographic characteristics of the basic neural processes. Fiziol.  
zhur. 47 no.12:1463-1470 D '61. (MIA 15:1)

1. From the A.L.Polenov Neurosurgical Research Institute, Leningrad.  
(ELECTROPHYSIOLOGY) (NERVOUS SYSTEM)

ZONTOV, Ye.; BORISENKOv, M.; NIKIFOROV, P.; SHUBIN, S.

For the further consolidation of collective farm finance.  
Den. 1 kred. 18 no.11:52-60 N'60. (MIR 13:11)

1. Upravlyayushchiy Permskoy kontoroy Gosbanka (for Borisenkov).
2. Predsedatel' kolkhoza "Pamyat' Il'icha" Sarayevskogo rayona Ryazanskoy oblasti (for Nikiforov). 3. Bukhgalter kolkhoza "Pamyat' Il'icha" Sarayevskogo rayona Ryazanskoy oblasti (for Shubin).

(Collective farms--Finance)

ZONTOV, Ye.

State financial aid to collective farms of White Russia. Fin.  
SSSR. 20 no.11:30-35 N '59. (MIRA 12:12)  
(White Russia--Collective farms--Finance)

ZONTOV, Yevgeniy Gerasimovich. Prinimal uchastiye TONKOVICH, V.S.,  
nauchnyy sotr.; TORKAYLO, I., red.; DIK, V., tekhn. red.

[Financial interrelations of collective farms with the  
state] Finansovye vzaimootnosheniia kolkhozov s gosudar-  
stvom. Minsk, Sel'khozgiz BSSR, 1962. 77 p.

(MIRA 15:11)

1. Institut ekonomiki Akademii nauk Belorusskoy SSSR (for  
Tonkovich).

(White Russia--Collective farms--Taxation)

(White Russia--Agricultural credit)

ZONTOVA, N.K.

Materials on amphipods and decapods of the littoral zone of Eastern  
Murman. Trudy Murm. biol. sta. 4:130-139 '58. (MIRA 11:5)  
(Murman Coast--Decapoda (Crustacea))  
(Murman Coast--Amphipoda)

ZONTOVICH, Ye. V.

USSR / Microbiology. Microbes Pathogenic for Man and  
Animals. General Problems.

F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24043

Author : Stoyanovskiy, A. F.; Prominskaya, T. V.;  
Zontovich, Ye. V.

Inst Title : Not given  
: An Experiment of Practical Application of the  
Method of Agglutination of Microbe Association  
(Mixed Cultures) to the Solution of Various  
Problems

Orig Pub : Vrachebn. delo, 1957, prilozh., 112

Abstract : The method is based on the discovery in mi-  
crobe associations (rinsing of culture) of  
specific antigens-causative agents of intesti-  
nal infections or para-agglutinating strains  
of intestinal bacteria corresponding to them.

Card 1/2

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APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002065420013-8  
USSR / Microbiology. Microbes Pathogenic for Man and  
Animals. General Problems.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24043

It gives an idea of the degree and the  
freshness of epidemiologically dangerous  
pollution of various objects of external  
environment (beaches, well water, beverages).  
The application of the method along with the  
titer of coli, enables one to diagnose  
relatively quickly the presence of fresh  
fecal pollution. -- G. Ye. Frumkina

Card 2/2

Country : USSR  
Category: Cultivated Plants. Fruits. Berries.

Abs Jour: RZhBiol., No 22, 1958, No 100481

Author : Zopin, M.A.  
Inst : Kirghiz Sci. Res. Inst. of Agriculture.  
Title : An Experiment with the Application of Gypsum in the  
Soil Under the Vineyards in the Foothill Zone of  
Chuyskaya Valley.

Orig Pub: Byul. Kirg. n.-i. in-ta zemled., 1957, 1, 49-52

Abstract: In 1953, in the vineyard of Kirghiz Fruit and  
Vegetable Station, experiments were set up on  
the determination of the influence of gypsum ap-  
plication in the soil, on the quality of grape  
juice, wine and on the degree of its clarifica-

Card : 1/5

Country : USSR  
Category: Cultivated Plants. Fruits. Berries.

M

Abs Jour: RZhBiol., No 22, 1958, No 100481

applied. Difference between the variants of the experiment in the amount of gypsum applied: five times more gypsum was applied on the gypsum treated plot than on the control plot. Recorded were an increase in the sugar content and a decrease in the general acidity of the grape juice, and an increase in the alcohol and a lowering of acidity in the wine from the combined application of complete mineral fertilizer and gypsum. The residual effect from the application of gypsum on the acceleration of the clarification of wine and intensification of its coloration was discovered even in 1955. The amount of

Card : 3/5

Country : USSR  
APPROVED FOR RELEASE: 03/15/2001 ts. CIA-RDP86-00513R002065420013-8"

Abs Jour: RZhBiol., No 22, 1958, No 100481

sulfates in the wine obtained from gypsum treated plots is higher than in the control but does not exceed the established norm. The author explains the accelerated clarification of wine attributable to the application of gypsum in the soil, by the coagulating action of gypsum, incorporated in the berries, on the colloids of the wine. The gypsum treatment of the carbonate northern sierozems, not containing gypsum or sulfates, demonstrated the substantial part of Ca sulfate in the improvement in the quality of the grapes and wine, in increasing the potency, the richness of coloration and in the acceleration of its clarification. Combined application of gypsum and NPK

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M-184

POLAND/Microbiology - Microbes Pathogenic in Man and Animals.

F.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67240

Author : Hirszfeldowa, Hanna; Skurska, Zofia; Zopoth, Janina; Sygnatowicz, Janina; Hass, Wiktor; Babczyzyn, Jadwiga; Makower, Henryk

Inst Title : -  
Investigation of Intestinal Aerobic Flora in Children's Diarrheas, with Special Emphasis on Paracolobactrum.

Orig Pub : Med. doswiad. i mikrobiol., 1956, 8, No 4, 405-426.

Abstract : The authors performed investigations in 1954 of 1382 cases of children's diarrheas. Isolated were: 1072 strains of Escherichia coli, 62 of which could cause disease (42 of the O55:B5 group and 20 of the O111:B4 group); 204 strains of para-intestinal bacilli; 29 Providencia; 11 Arizona; 26 salmonelli (24 S. breslau and 2 S. enteritidis); 11 shigelli (9 Sh. sonnei and 2 strains of Sh. flexneri); 252 strains of protea;

Card 1/3

- 4 -

POLAND/Microbiology- Microbes Pathogenic in Man and Animals.

F.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67240

typhus during which no salmonelli were isolated but para-intestinal bacilli were isolated a number of times. The Vidal reaction with salmonellous diagnostic was always negative; with the isolated strains of para-intestinal bacilli it was positive up to a titration standard of 1:320. Bibliography of 51 titles. -- M.A. Gruzman.

Card 3/3

- 5 -

Zopoth, J.

MILGROM, F.; ZOPOTH, J.; WICHER, K.

Serological studies of tuberculosis. Med. dosw. mikrob., Warsz.  
4 no. 3:351-352 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish  
Microbiologists held in Krakow May 1951. 2. Wroclaw.

ZOPOTH, JANINA

HIRSZFELDOWA, Hanna; SKURSKA, Zofia; ZOPOTH, Janina; SYGNATOWICZ, Janina;  
HAAS, Wiktor; BABCZYSZYN, Jadwiga; MAKOWER, Henryk

Studies on aerobic flora in the intestines in diarrhea in  
children with special reference to Paracolobactrum. Med. dosw.  
mikrob. 8 no.4:405-426 1956.

1. Z I Kliniki Dziecięcej A.M., z Działu Wirułogii Inst. Immun.  
i Ter. Dosw. P.A.N. orag z Oddziału biegunkowego Szpitala im.  
Korczaka we Wrocławiu.

(DIARRHEA, in infant and child,  
fecal Paracolobactrum (Pol))

(FECES, microbiology,

Paracolobactrum in diarrhea in child. (Pol))

(PARACOLOBACTRUM,

fecal in diarrhea in child (Pol))

YUGOSLAVIA

Dragomir MLADENOVIC, Mihailo CEMERKIC and Zora RASTA, Hospital for  
Obstetrics and Gynecology (Ginekološko-akusferska bolnica), Beograd  
(opravnik) Prof Dr Petar KOSTIC, Belgrade.

"Pregnancy and Spontaneous Parturition Following Cure of Cervico-vaginal  
Fistula."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 5, May 1962;  
pp 341-342.

Abstract [French summary modified]: Case report of 26-year-old girl  
who gave normal birth two years after surgical closure of apparently  
congenital cervico-vaginal fistula.

4/1

50

ZORABYAN, A.; BAGDASARYAN, Ye.

New procedures in chemical processing of fermented solution of citric acid at the Spitak Sugar Refinery. Prom.Arzn. 4 no.6:  
40-41 Je '61. (MIRA 14:8)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya  
Upravleniya pishchevoy promyshlennosti Sovnarkhoza Armyanskoy SSR.

(Spitak--Citric acid)

ZORABYAN, A.; KHBEBUNOVA, Ye.

Work days of the scientific technical society. Prom.Arm. 4  
no.6:64-66 Je '61. (MIRA 14:8)  
(Armenia--Technical societies)  
(Armenia--Food industry)

PA 31/49T3†

ZORABYAN, L. I.

USSR/Medicine - Fascioliasis, Infection  
Medicine - Chloroethane, Therapy

"Use of Hexachlorethane for Fascioliasis in Man,"  
A. I. Perkhanyan, L. I. Zorabyan, Inst of  
Physiotherapy and Health Resorts, Yerevan, 1½ pp

"Klin Med" Vol XXVI, No 11

Hexachlorethane is being widely and successfully  
used in Armenia to combat fascioliasis in cattle.  
Describes two cases in which drug was used to  
treat same disease in man.

Some more important worm diseases of sheep and goats.<sup>4</sup> Erevan, 1948. 124 pages with illustrations. Price 4 rubles, 2,000 copies. (Ministry of Agriculture, Armenian SSR). In Armenian.  
SO: Veterinariya 29(2). February 1949. (szr)

CA

Kettle for distillation of residues from wine making.  
S. E. Zemchuk. U.S.P.R. 39,992, Oct. 31, 1947. This  
app. is particularly adapted for strong liquids in which are  
suspended solid particles.

16

ASA-ISA METALLURGICAL LITERATURE CLASSIFICATION

ZORAN, B.; VIDMAR, I.

Sale quotas, objective criteria for the estimate of success  
and the sale planning. Nova proizv 14 no.5/6:402-407 0 '63

ZORAN, I.A.; COSTA, Angela

A characteristic form of malignant toxic syndrome during staphylococcal infection in sucklings. Microbiologia (Bucur) 6 no.1;28-29 Ja-F '61.

1. Spitalul de copii Oradea.

\*

ZORANYAN, V.A.

Methods of breeding and formation of some biologically and  
economically useful characters in cattle. Izv. AN Arm. SSR.  
Biol. nauki 18 no.11:105-111 N '65. (MIRA 19:1)

1. Yerevanskiy zooveterinarnyy Institut. Submitted Aug. 10,  
1964.

ARBUZOV, B.A.; ZORASTROVA, V.M.

Esters of phosphoric and thiophosphoric acids containing heterocyclic radicals. Report No. 3: Compounds with tetrahydrofuryl radicals. Izv. AN SSSR. Otd. khim. nauk no. 1:51-55 Ja '51.  
(MIRA 14:2)

1. Khimicheskiy institut im. A.M. Butlerova Kazanskogo gosudarstvennogo universiteta im. V.I. Ul'yanova-Lenina.  
(Phosphoric acid) (Furfuryl alcohol) (Phosphorous acid)

ZORAWINSKI, Stanislaw; ZALESKI, Stanislaw (Warszawa)

Replacing traditional plastering by mechanized spraying with liquid spatter masses. Przegl budowl i bud mieszk 35 no. 12:667-669 '63.

New types of floor lining made of plastics; glues and fast drying sealers. Ibid., 670-671

Jointless and prefabricated floors of Keone's cement. Ibid., 672

Replacing traditional external plastering by mechanized spraying of amidon-gypsum-amidon emulsion coating. Ibid., 673

ZORAWSKI, A.

Prestressed shell of a semicylindrical vault. Research and application.

P. 127 (Inżynieria i Budownictwo, Vol. 14, no. 3, Mar. 1957, Warszawa, Poland)

Monthly Index of East European Accessions (FFAI) I.C. Vol. 7, no. 2,  
February 1958

POLAND

SPRYSZAK, Antoni and ZORAWSKI, Cezariusz, Tuberculosis Immunology Laboratory (Pracownia Immunologii Gruzlicy), Veterinary Institute (Instytut Weterynaryjny) in Pulawy (Director: Docent, Dr. Antoni SPRYSZAK)

"Further Observations on the Non-specific Tuberculin Reaction in Cattle."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 6, Jun 63, pp 319-326

Abstract: [Authors' English summary modified] The present study indicates that non-specific tuberculin reactions in cattle are frequent in Poland, and that the cause of sensitization in them to mammalian tuberculosis comes from avian type M from hens. Reactions in tuberculous cattle are always more intensive to mammalian than to avian tuberculin, and estimate of results of comparative tuberculinization in individual animals depends on the knowledge of the cow's place of origin, state of health of the herd, and that of the other animals, especially hens on the farm. The 13 references comprise about 5 Polish, 2 Western, and the others in German.

1/1

ZURAKOWSKI, H.

Problem of export in standardization. p.329  
NORMALIZACJA (Polski Komitet Normalizacyjny) Warszawa  
"Vol. 23, no. 6, June 1956"

So. East European Acessions List      Vol. 5, No. 9      September 1956

SPRYSZAK, Antoni, ZORAWSKI, Cezariusz

Studies on the value of isonicotinic acid hydrazide in preventing cattle tuberculosis. Gruzlica 31 no. 61723-726 Je'63.

1. Instytut Weterynarii, Puławy.

\*-

SPRYSZAK, Antoni; ZORAWSKI, Cezariusz

Studies on the relationship between the INH-resistance, catalase activity and virulence of some strains of *Mycobacterium tuberculosis avium*. Gruzlica 31 no.11:1097-1101 N '63.

1. Z pracowni Immunologii Gruzlicy Instytutu Weterynarii. Kierownik: doc. dr A. Spryszak.

L 34519-66 T JK  
ACC. NR: AP6024690

(A) SOURCE CODE: P0/0071/65/000/007/0406/0412

AUTHOR: Spryszak, Antoni--Spryshak, A. (Docent; Doctor; Pulawy); Zorawski, 27  
Cezariusz--Zhurayski, Ts.

ORG. Immunologic Laboratory of Tuberculosis, Veterinary Institute /headed by B  
Docent, Doctor Antoni Spryszak/, Pulawy (pracownia Immunologii Gruzlicy  
Instytutu Weberyarii)

TITLE: Effect of infection with human, bovine and avian types of tubercle  
bacilli on the results of tuberculin tests

SOURCE: Medyyna weterynaryjna, no. 7, 1965, 406-412

TOPIC TAGS: tuberculosis, commercial animal, rabbit

ABSTRACT: Study in three groups of seven cows inoculated subcutaneously at 3-9  
months of age with 5 mg of either human tuberculosis strain H37Rv, the bovine  
AN5, or the avian D4: tuberculin reaction (tested every six weeks) was generally  
highest with the H37Rv strain, but individual differences in the seven animals  
were quite great with all three strains. Strains isolated from the lesions in  
cows on the 231st day after inoculation with H37Rv were highly virulent for

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ACC. NR: AP6024690

2

guinea pigs and rabbits. The avian strain induced no lesions of any type. The authors thank Mr. M. Andrzejewski, Chief PGR Sienna in Bydgoszcz, for making possible the carrying out of the research on the animals. Orig. art. has: 2 figures and 3 tables (JPRS)

SUB CODE: 06, 02 /SUER DATE: none / ORIG. REF: 000/SOV REF: 002/OTH REF: 009

2/2 mjs

ZORAWSKI, Marek

General geometry of imperfections of crystal lattices.  
Archiw mech 15 no.2:267-274 '63.

1. Department of Mechanics of Continuous Media, Institute of  
Basic Technical Problems, Polish Academy of Sciences, Warsaw.

ZORAWSKI, Marek

Moving dynamic heat sources in a visco-elastic space and corresponding basic solutions for moving sources. Archiw mech 13 no.2 257-275 '61.

1. Department of Mechanics of Continuous Medium, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

ZÓRAWSKI, M. ✓  
SURNAME (in caps); Given Name

Country: Poland

Academic Degrees: Not stated

Affiliation: Department of Mechanics of Continuous Media, Institute  
of Fundamental Technical Problems, Polish Academy of  
Sciences (Zakład Mechaniki Ośrodków Ciągły, Instytut  
Podstawowych Problemów, PAN)

Source: Warsaw, Bulletin de l'Académie Polonaise des Sciences,  
Série des Sciences Techniques, Vol 9, No 2, Feb 61,  
pp 77-84.

Data: "Dynamic Nucleus of Thermoelastic Strain in  
Viscoelastic Space."

22507

P/033/61/013/002/003/004  
D250/D30410.4100 1136, 1164, 1158  
24.4100AUTHOR: Żołrawski, Marek (Warsaw)TITLE: Moving dynamic heat sources in a visco-elastic space  
and corresponding basic solutions for moving sources  
PERIODICAL: Archiwum mechaniki stosowanej, v. 13, no. 2, 1961, 257-275TEXT: The author states that his object is to determine the stress components in a viscoelastic space acted on by moving dynamic heat sources. The paper is composed of two parts. The first considers the case of a plane heat source moving with constant velocity  $v$  from the plane  $x = 0$  to infinity in a viscoelastic space. The problem is a superposition of two cases: the symmetric case (two sources of the same signs moving in opposite directions starting from the plane  $x = 0$ ) and the antisymmetric case (two sources of opposite signs moving in opposite directions starting from the plane  $x = 0$ ). Since the source appears suddenly, inertia terms occur in the equilibrium equations. The problems considered are one-dimensional, that is there

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P/033/01/013/002/003/004  
D250/D304

Moving dynamic heat...

are normal stresses only. In the antisymmetric case the problem of the semispace is solved at the same time, because the boundary conditions  $\sigma_{xx} = 0$  and  $T = 0$  are satisfied for  $x = 0$ , and there are no shear stresses. In the symmetric case, the author discusses the semi-space thermally insulated, because for  $x = 0$  there is  $\partial T / \partial x = 0$ , but the normal stresses appearing in the  $x = 0$  plane should be suppressed. In the second part of the paper the author determines the stress components due to moving nuclei of thermoelastic strain. He considers two cases: a) plane dynamic nucleus of thermoelastic strain (the symmetric and antisymmetric case), and b) dynamic nucleus of thermoelastic strain uniformly distributed over a sphere. The author considers viscoelastic bodies of two types: the Kelvin and the Biot body, the Biot model being reduced by the assumption of common relaxation time of the material constants to the particular case of the Maxwell body, for  $\nu = \text{const}$ . The strain process of the Kelvin body for loading and unloading is illustrated as well as the time variability of the strain

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D250/D304

Moving dynamic heat...

for the Maxwell and Kelvin models. The author points out that it should be observed that the Maxwell and Kelvin models are relatively far from describing accurately the real materials, but the assumption of a viscoelastic body gives in some cases a better accuracy of computations than would be obtained for an elastic body. In the actual calculation the author makes extensive use of the Laplace transform which he applies to the Fourier heat equation where  $\delta(x-vt)$  - the

Dirac function,  $H(t)$  -

$$(2.1) \quad T_{,tt} - \frac{1}{\kappa} \frac{\partial T}{\partial t} = -\frac{Q}{\kappa} \delta(x-vt) H(t), \quad \text{the Heaviside function, } H(t) \\ \text{---} \quad T - \text{the temperature, } \kappa -$$

the coefficient of heat

conduction,  $Q$  - the heat flow rate, and  $v$  - the velocity of motion of the source; (for the case of a plane dynamic heat source moving with constant velocity  $v$  in a viscoelastic space). For the case of a plane moving nucleus of thermoelastic strain the author assumes the temperature distribution as

$$(3.1) \quad T(x,t) = \delta(x-vt)$$

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22507

Moving dynamic heat...

P/035/61/013/002/003/004  
D250/D304

where  $v$  is the velocity of motion of the nucleus; and for the case of a moving nucleus of thermoelastic strain uniformly distributed over a sphere, he assumes the temperature distribution as given by the relation

$$(3.13) \quad T(R,t) = c^* (R - vt)$$

In both cases he performs the Laplace transform. There are 5 figures and 19 references: 8 Soviet-bloc and 11 non-Soviet-bloc. The four most recent references to English-language publications read as follows: E. Sternberg, On Transient Thermal Stress in Linear Viscoelasticity, Brown University 1957; J.R. Radok, Viscoelastic Stress Analysis, Quart. Appl. Math., 2, 15 (1957); F.R. Eirich, (Editor), Rheology, Vol 1, 2, 3, Academic Press Inc., New York 1956, 1958, 1960; D. R. Bland, The Theory of Linear Viscoelasticity, Oxford-London-New York-Paris 1960.

ASSOCIATION: Department of Mechanics of Continuous Media IHFP Polish Academy of Sciences

SUBMITTED: December 6, 1960  
Card 4/4

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065420013-8

MAZURKIEWICZ, Zbigniew (Warszawa); ZORAWSKI, Marek (Warszawa)

Effect of a sudden change of bonds on the deformation of elastic  
structures. Archiw inz lad 8 no.4:439-447 '62.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065420013-8"

MAZURKIEWICZ, Z.; ZORAWSKI, M.

Effect of abrupt change of constraints on deformations of elastic systems. Bul Ac Pol tech 10 no.9:549-557 '62.

1. Department of Mechanics of Structures, Technical University, Warsaw. Presented by W.Nowacki.

ZORAWSKI, M.

States of stress generated in a viscoelastic semispace by a flat-  
heat source. Bul Ac Pol tech 8 no.4:161-166 '60. (EAI 9:10)

1. Department of Mechanics of Continuous Media, Institute of Basic  
Technical Problems, Polish Academy of Sciences. Presented by  
W.Nowacki.

(Strains and stresses)  
(Elasticity)  
(Thermodynamics)

ZORAWSKI, M.

Determination of stresses generated in a layer and a viscoplastic closed spherical shell. *Bal Ac Pol Technika*. 10:557-563 '60.

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences. Presented by W. Nowacki.

34335

S/124/62/000/002/013/014  
D234/D30211.2313  
10.7100

AUTHOR:

Żórawski, M.

TITLE:

The dynamical nucleus of a thermoelastic deformation in an elasto-plastic space

PERIODICAL:

Referativnyy zhurnal. Mekhanika, no. 2, 1962, 34,  
abstract 2V295 (Bull. Acad. polon. sci. Ser. sci.  
techn., 1961, 9, no. 2, 77-84)TEXT: The author considers the dynamical thermo-elasto-viscous problem for media, whose mechanical properties are described by rheological models of Maxwell and Voigt, Poisson's coefficient being constant. The equations of motion of the medium in question, after applying an integral Laplace transformation with respect to time  $t$ , have the form

$$\bar{\Phi}_{kk} - p^2 \sigma^2(p) \bar{\Phi} = \delta(p) \bar{T}$$
$$\bar{\sigma}_{ij}(x_i, p) = 2 \left( \frac{\partial^2}{\partial x_i \partial x_j} - \delta_{ij} \Delta \right) \bar{\psi}(x_i, p) + \delta_{ij} p^2 \bar{\Phi}(x_i, p)$$

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S/124/62/000/002/013/014  
D234/D302

The dynamical nucleus...

in addition, in the case of Maxwell's medium

$$\bar{\psi}(x_i, p) = \mu_0 p \bar{\Phi}(x_i, p) / (p + \epsilon)$$

$$\sigma^2(p) = \sigma_0^2(p + \epsilon) / p$$

$$\vartheta(p) = \alpha_t(3\lambda_0 + 2\mu_0) / (\lambda_0 + \mu_0)$$

and in case of Voigt's medium

$$\bar{\psi}(x_i, p) = \mu(t_k p + 1) \bar{\Phi}(x_i, p)$$

$$\sigma^2(p) = 3p / (4\mu t_k p + 4\mu + 3k)$$

$$\vartheta(p) = \vartheta k \alpha_t / (4\mu t_k p + 4\mu + 3k)$$

$\epsilon$  and  $t_k$  being the times of relaxation,  $\lambda_0$ ,  $\mu_0$ ,  $\mu$  and  $k$  - the elastic constants,  $\alpha_t$  the linear expansion coefficient,  $\rho$  the density,  $p$  the parameter of the Laplace transformation. Three cases of propagation of a temperature field in the media in question are considered:  $T(R, t) = \delta(R - R_0) \delta(t) / 4\pi R_0^2$  (spherical),  $T(x, t) = \delta(x - x_0)$

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The dynamical nucleus...

~~APPROVED FOR RELEASE: 03/15/2001~~

S/124/62/000/002/013/014  
D234/D302

the transition from the images (parallel) and  $T(r, t) = \delta(r) \delta(t) / 2\pi r$  (linear), After expressed in terms of Bessel and Hankel functions and erf.

Abstracter's note: Complete translation

Card 3/3

ZORAWSKI, M.

Dynamic nucleus of thermoelastic strain in viscoelastic space. Bul  
Ac Pol tech 9 no.2:77-84 '61.

1. Department of Mechanics of Continuous Media, Institute of Fundamental Technical Problems, Polish Academy of Sciences. Presented by W. Nawacki.

(Strains and stresses) (Elasticity)

ZORAWSKI, Marek (Warsaw)

Moving dynamic heat sources in a visco-elastic space and  
corresponding basic solutions for moving sources. Archiw  
mech 13 no.2:257-275 '61.

1. Department of Mechanics of Continuous Media, Institute of  
Basic Technical Problems, Polish Academy of Sciences, Warsaw.

ZORAZDOVSKIY; T. YA.

Category : USSR/Atomic and Molecular Physics - Liquids

D-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6444

Author : Zorazdovskiy, T.Ya., Regirer, S.A.

Title : Motion of a Newtonian Liquid Between Rotating Coaxial Cylinders in the Presence of Internal Thermal Processes that Affect the Viscous Properties.

Orig Pub : Zh. tekhn. fiziki, 1956, 26, No 7, 1552-1541

Abstract : It is indicated that the assumption that the coefficient of viscosity  $\eta$  is constant, used in the theory of rotary viscometers, cannot be used at large values of  $\eta$  and of angular speeds  $\omega$ , for as a result of the considerable amount of heat liberated, the temperature  $T$  is not constant in the liquid layer. The equations of hydrodynamics and of thermal conductivity are solved simultaneously for the case of two coaxial infinite cylinders under the assumption that the dependence of  $\eta$  on  $T$  is hyperbolic:

$$\eta_T = \eta_m / [1 + \alpha^2 (T - T_m)].$$

In the practical use of the calculated data the unknowns are  $\eta_m$  and  $\alpha$ , which is the temperature coefficient of  $\eta$ .  
Card : 1/2

Category : USSR/Atomic and Molecular Physics - Liquids

D-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6444

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065420013-8

To determine these quantities it is necessary to perform two experiments at different values of  $\omega$ . The calculation performed makes it possible to choose a maximum angular speed for a rotary viscosimeter (thus guaranteeing maximum measurement accuracy) without going outside the limits of applicability of the isothermal theory, and to separate the effect of the structural features of the liquid from the pure temperature effects in investigations over a wide range of variation of  $\omega$ .

Card : 2/2

ZORC, A.

Work methods in the Mexica mine II. p. 1416

TEHNIKA, Beograd, Vol 10, No. 10, 1955

SO: EEAL, Vol 5, No. 7, July 1956

ZORCASTROVA, V. M.; ARBUZOV, B. A.

"Synthesis of Esters of Phosphonic Acids Containing Heterocyclic Nuclei 4  
Esters of Phosphonic Acids with Isoxazole and Quinoxaline Radicals," Izvest Akad  
Nauk SSSR, Otdel Khim Nauk, 806-11 (1954).

Kazan State University

B-83602, 18 Mar 55

TSEYTLIN, A.S., inzh. (Khar'kov); GRITSENKO, I.A., inzh. (Khar'kov);  
ZORCHENKO, A.I., inzh. (Khar'kov)

Formulas for hydraulic calculations for glass pipes. Ved.  
i san. tekhn. no.8:29 Ag '62. (MIRA 15:9)  
(Pipe, Glass) (Hydraulics)

NOVIKOV, V.N.; TOLSTOV, L.K.; SEREBRYAKOVA, Ye.K.; SOKOLOV, B.M.; Prini-  
mal uchastiye: Melent'yev, Yu.I.; KAPGER, V.S.; ZORCHENKO, I.P.;  
KARPOV, K.F.; Kushnarenko, V.S.; SHEVCHENKO, L.I.; TRIFONOVA, N.  
I.; PODZHUNAS, V.A.; MASLITSKAYA, M.P.

Obtaining industrial naphthalene from the centrifugal naphthalene  
of the Gubakha Coke and Coal Chemicals Plant. Koks i khim. no.8:  
35-38 '62. (MIRA 17:2)

1. Vostochnyy uglekhimicheskiy institut (for Novikov, Tolstov,  
Serebryakova). 2. Gubakhinskiy koksokhimicheskiy zavod (for Soko-  
lov).

ZORDANIA, I. F., Doktor lekarskych ved, profesor; NOVIKOVA, L. A., doktor  
lekarskych ved.

Care for women in the Soviet Union. Cesk. gyn. 22/36 no.1-2:  
9-13 Feb 57.

1. Hlavni gynecolog SSSR.  
(GYNECOLOGY,  
in Soviet Union (Cz))

ZORDANIA, I. F., Prof.

Certain principal aspects in the problem of ovarian cancer.  
Cesk. gyn. 21 no.3:157-160 Apr 56.

I. For gyn. katedra II. moskvenskogo st. lek. instituta J. V.  
Stalina.

(OVARIES, neoplasms,  
(Gz))

ZORDANIA, J.F., prof.

Surgical treatment of local circulatory disorders of the internal female genitalia. (Clinico-experimental studies). Česk. gyn. 27 [41] no.6/7:433-438 Ag '62.

1. Laborator experimentalni chirurgie Vyzkumneho ústavu fyziologie a patologie zeny MZd Gruzin'ske SSR, red. prof. J.E. Zordanja.  
(VASCULAR SURGERY) (UTERUS) (UTERINE HEMORRHAGE)

RYKOV, A.T., gorny inzh.; FABRICHNOV, S.M., gorny inzh.; KOKOV, A.V.,  
gorny inzh.; ZORDUNOV, A.N., gorny inzh.

Electric exploder networks in large-scale blasting at the 40th  
Anniversary of the All-Union Lenin Communist Youth League Mine.  
Gor. zhur. no.11:71-72 N "64." (MIRA 18:2)

1. Leninogorskiy polimetallicheskii kombinat.

GALIMZHANOV, K.G., inzh.; ZAQDUNOV, A.N., inzh.; TSOY, N.D., inzh.

Multiple blasting with electric short-delay action detonators.  
Bezop.truda v prom. 5 no.1:26-28 Ja '61. (KIA 14:2)  
(Blasting)

ZORE, F.

New Forge in the Zenica Iron and Steel Works, p. 1257.  
Vol. 9, No. 8, 1954. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library  
of Congress, Vol. 5, No. 8, August, 1956.

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