

L 8386-65

ACCESSION NR: AP4048782

reinforced by a tension band to prevent implosion (3-atmosphere test). The kinescopes have a deflection angle of  $110^\circ$ , magnetic deflection and electrostatic focusing. The electronic optical system has no ion trap. The luminescent screen is aluminized. 2

ASSOCIATION: SKB elektrovakuumnykh priborov i istochnikov sveta L'vovskogo ekonomicheskogo administrativnogo rayona (Special Design Office of Electrovacuum Instruments and Light Sources of the L'vovskiy Economic Administrative Region)

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 003

JPRS

Card

2/2

SHATKIN, A.A.; BESKINA, S.R.; MARTYNOVA, V.P.

Cultivation of the pathogens of trachoma and paratrachoma in developing chick embryos. Report no.1: Pathogenicity and dynamics of the accumulation of agents. Vop. virus no.6:724-728 N.D '63. (MIRA 17:6)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.

TERSKIKH, I.I.; SHATKIN, A.A.; CHERVONSKIY, V.I.; MARTYNOVA, V.R.

Study of the etiology of trachoma. Report No.1: Isolation in  
white mice of virus agents from trachoma patients. Vest. AM SSSR  
14 no.10:23-28 '59. (MIRA 13:6)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR.  
(CONJUNCTIVITIS, GRANULAR)

ANDREYEVA, Ye.I.; MARTYNOVA, Ye.A.; YURKOVA, A.G.; VOLCHANETSKAYA, T.M.

Investigation of new disinfectants of grain and cottonseed.

[Trudy] NIUIF no.164:19-20 '59.

(MIRA 15:5)

(Seeds--Disinfection)

MEL'NIKOV, N.N.; ANDREYEVA, Ye.I.; YEVTEYEVA, N.M.; IVANOVA, S.N.;  
KOLBASOVA, I.M.; MARTYNOVA, Ye.A.

Tin organic compounds as seed disinfectants. [Trudy] NIUIP  
no.171:131-134 '61. (MIRA 15:7)  
(Tin organic compounds) (Seeds--Disinfection)

BOLYCHEVSKAYA, G.N.; MARTYNOVA, Ye.A.; NOVIKOVA, M.V.; FARBER, A.M.;  
CHEREPANOVA, N.S.; DUBOVA, R.Kh.; MASSAROVA, K.A., red.;  
DZYUBAK, A.V., tekhn. red.

[National economy of Archangel Province; collection of  
statistics] Narodnoe khoziaistvo Arkhangel'skoi oblasti;  
statisticheskii sbornik. Vologda, Gosstatizdat, 1962. 158 p.  
(MIRA 16:4)

1. Archangel (Province) Oblastnoye statisticheskoye upravle-  
niye. 2. Statisticheskoye upravleniye Arkhangel'skoy oblasti  
(for all except Dzyubak). 3. Nachal'nik Statisticheskogo  
upravleniya Arkhangel'skoy oblasti (for Massarova).  
(Archangel Province--Statistics)

1. MARTYNOVA, YE. F.
2. USSR (600)
4. Lepidoptera - Ural Mountain Region
7. Peculiarities of the lepidoptera fauna of the southern Ural region and its significance to steppe forestry. Trudy Zool inst. No. 11 1952.

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

CONFIDENTIAL

MARTIYNOVA, Ye. F.

"Ecolofaunistic Review of the Lepidoptera of Varieties of Trees  
in the Southern Ural." Cand Biol Sci, Inst of Zoology, Acad Sci USSR,  
Leningrad, 1953. (RZhBiol, No 5, Nov 54)

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

SO: Sum. No.521, 2 Jun 55



MARTYNOVA, Ye. F.

KUZNETSOV, V. I.; MARTYNOVA, Ye. F.

List of Lepidoptera along the central course of the Ural River.  
Trudy Zool. inst. 16:321-250 '54. (MIRA 8:6)  
(Ural Valley--Lepidoptera)

MARTYNOVA, Ye.F.

Materials on Collembola in Ethiopia. Ent. oboz. 40 no.4:  
848-857 '61. (MIRA 17:1)

MARTYNOVA, Ye. G.: Master Biol Sci. (diss) -- "The development and function of the thyroid gland in the frontal lobe of the hypophysis of Turkey hens." Kiev, 1959. 15 pp (Min Higher Educ Ukr SSR, Kiev State Univ T. v. Shevchenko), 100 copies (KL, No. 11, 1959, 117)

KOGAN, G.S., kand. tekhn. nauk, SHCHEGLOVA, V.P., kand. tekhn. nauk;  
MARTYNOVA, Ye.M., inzh.

Textured fibrolite and reed blocks. Stroi. mat. 10 no.6:  
27-29 Je '64. (MCRA 17 10)

MARTYNOVA, Ye.Ya.; IVANOVA, Z.V.

Use of ferkoven and kofermin in the treatment of patients with cancer of the fourth stage. Akt.vop.perekl.krovi no.7:208-214 '59.

(MIRA 13:1)

1. Gospi'tal'naya terapevticheskaya klinika I Leningradskogo meditsinskogo instituta imeni akad. I.P. Pavlova (zav. klinikoy - prof. P.K. Bulatov).

(DIGESTIVE ORGANS--CANCER)

(IRON--THERAPEUTIC USE)

L 19561-63 EWT(m)/BDS AFFTC/ASD/AFWL

ACCESSION NR: AP3005693

S/0241/63/008/008/0066/0071

AUTHOR: Merkulov, V. S.; Marty\*<sup>19</sup>nova, Ye. Ye.; Barynin, V. A. \* B

TITLE: Two channel nuclear radiation recorder built with a TISS universal radiometer as a base <sup>10</sup>

SOURCE: Meditsinskaya radiologiya, v. 8, no. 8, 1963, 66-71

TOPIC TAGS: radiation recorder, two channels, TISS radiometer, scintillator, counter

ABSTRACT: This new recorder is built with a TISS radiometer as a base, and registers isotope radiation flows over two channels simultaneously on a pointer indicator and a loop oscillograph. The recorder includes two scintillator counters and a 20 meter cable for distant measurements. All supplementary electric system elements are mounted in the base for convenience of servicing. Alterations and modifications of the TISS radiometer are described in detail. An experimental model of this recorder has passed laboratory tests and has been used for recording radiation intensities from two data units. Orig. art. has 3 figs. and 2 supplements.

Card 1/2 /

MAPK1008, N.I.; H.I.E. ... .., Y. ...

Med. ... ..  
no. 3:200-380-106.

1. Botanicheskoy Institut ... ..  
I Leningradskiy meditsinskoy ... ..

~~МАРИТОГРАФИЯ~~

Nonfreezing canals. Mor. flot 18 no.9:24 S '58. (MIRA 11:10)

1. Starshiy bibliograf Tsentral'noy nauchno-tekhnicheskoy biblioteki  
Ministerstva morskogo flota.  
(Sweden--Canals)



MARTYHOVA, Z.

Using containers for maritime transportation in the U.S.A.  
Mor.flot 19 no.3:42-43 Mr '59. (MIRA 12:4)

1. Starshiy bibliograf TSentral'noy nauchno-tekhnicheskoy  
biblioteki Ministerstva morskogo flota.  
(United States--Cargo handling) (United States--Containers)

MARTYNOVA, Z.

Development of Indian ports. Mor.flot 19 no.6:42-43 Je '59.  
(MIRA 12:9)

1. Starshiy bibliograf Tsentral'noy nauchno-tekhnicheskoy biblioteki Ministerstva morskogo flota.  
(India--Harbors)

PAVLOVA, Zoya Aleksandrovna; MARTYNOVA, Zoya Ivanovna; PCHELKIN,  
Yu.V., red.; ONOSHO, N.G., tekhn.red.

[On the frontiers of the seven-year plan] Na rubezhakh  
semiletki. Leningrad, Lenizdat, 1960. 91 p. (MIRA 13:11)

1. Zamestitel' direktora leningradskoy trikotazhno-chulochnoy  
fabriki "Krasnoye znamya" (for Pavlova). 2. Predsedatel'  
fabrichnogo komiteta leningradskoy trikotazhno-chulochnoy fabriki  
"Krasnoye znamya" (for Mertynova).  
(Moscow--Knit goods industry)  
(Socialist competition)

AGRANOVSKAYA, I.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.; BOCHARNIKOVA, A.D.;  
 BOYTSEL', Z.A.; IVANOVA, Ye.A.; KALASHEIKOVA, V.A.; KLIMKO, S.A.;  
 KRUCHININA, N.V.; MALYASOVA, Ye.S.; MARKOVA, L.G.; MARTYNOVA, Z.I.;  
 POKROVSKAYA, I.M.; POLUKHINA, V.A.; ROMANOVSKAYA, G.M.; SAMIGULINA,  
 Ye.P.; SEDOVA, M.A.; SIGOVA, N.N.; STEL'MAK, N.K.; PERLIN, S.S., re-  
 daktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor.

[Atlas of Oligocene spore and pollen complexes in various regions of  
 the U.S.S.R.] Atlas oligotsenovykh sporevo-pyl'tsevykh kompleksov  
 razlichnykh raionov SSSR. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry  
 po gologii i okhrane neдр. 1956. 312 p. (Leningrad, Vsesoyuznyi  
 geologicheskii institut. Materialy, no.16) (MLRA 10:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut  
 Ministerstva geologii i okhrany neдр SSSR. (for Asatkina, Boytsova,  
 Kalashnikova, Kruchinina, Pokrovskaya, Romanovskaya, Sedova, Stel'-  
 mak). 2. Yuzhno-Ural'skoye geologicheskoye upravleniye (for Sigova)
3. Ural'skoye geologicheskoye upravleniye (for Agranovskaya, Bocharni-  
 kova, Martynova, Polukhina, Samigulina). 4. Trest "Zapsibneftegeologiya"  
 (for Boytsel', Ivanova, Klimko, Markova). 5. Geograficheskii fakul'tet  
 Leningradskogo gosudarstvennogo universiteta (for Malyasova)  
 (Pollen, Fossil) (Spores (Botany), Fossil)

SOV/10-58-6-12/21

AUTHOR: Leont'yev, N.F., Martynova, Z.I. and Serebryanny, L.R.

TITLE: A Review of US Topographical Maps from a Geographical Point of View (Geograficheskaya otsenka topograficheskikh kart SShA)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958, Nr 6, p 113-119 (USSR)

ABSTRACT: The authors review the published topographical maps of the US and find that these maps have many defects. As these maps were produced by different departments, the legends vary, and many topographic elements are missing. Very little attention is paid to the mapping of the soil-vegetative cover. Hydrographical data are also insufficiently reproduced. If the soil relief is reproduced meticulously, the river net is reproduced only schematically. The authors find that aerial photography is

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SOV/10-58-8-17/01

A Review of US Topographical Maps from a Geographical Point  
of View

not adequately utilized for the preparation  
of US maps. To a certain degree, this short-  
age of good maps can be explained by the in-  
sufficient preparation of necessary special-  
ists in American schools. There are 14 refer-  
ences, 6 of which are Soviet and 8 American.

ASSOCIATION: Institut geografii AN SSSR (The Institute of  
Geography of the AS USSR)

Card 2/2

3(5)

SCV/10-59-3-30/32

AUTHOR: Martynova, Z.I.

TITLE: The Interdepartmental Meeting on the Transcription of Geographical Names

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 3, pp 151-154 (USSR)

ABSTRACT: The conference referred to in the title was convened on 28 to 31 January, 1959, in the Institut geografii AN SSSR (Institute of Geography, AS USSR). It was attended by about 90 persons from different cartographic organizations: (TsNIIGAIK, GUGK, MRKCh, editors of the Morskoy Atlas (Atlas of the Seas), etc.) several institutes of the Soviet Academy of Sciences (Geography, Linguistics, Russian Language, Information, East-Institute), State Universities of Moscow and Kiev, Library imeni Lenina, editors of the BSE, Geograficheskoye obshchestvo SSSR (Geographical Society, USSR), representatives of the Verkhovnyy Soviet SSSR (Supreme Soviet of the USSR), and others. M.B. Volostnova and S.A. Tyurin reported that the Otdel transkriptsii TsNIIGAIK

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SOV/10-59-3-30/32

The Interdepartmental Meeting on the Transcription of Geographical Names

(Department of Transcriptions of the TsNIIGAIK) has already composed "General Rules of Writing Geographical Names on Maps" and set up 65 instructions concerning the transcription of appellations from 26 different Soviet and 30 foreign languages. The same department has already set up a card index of appellations (about 1 million cards), standard cards are being prepared and consultations conducted, etc. The Mezhdudedomstvennaya postoyannaya komissiya po voprosam transkriptsii geograficheskikh nazvaniy (Permanent Interdepartmental Committee for the Transcription of Geographical Appellations) at the GUGK has been endowed with respective authority and has been working since 1950. The work done by other cartographic organizations was illustrated by M.Kh. Baranov and P.K. Makayuda. Ye.M. Fospelov reported on the transcription work done abroad. A.A. Reformatskiy lectured on "Geographic Names as Words of the Russian Language". A.V. Superanskaya analyzed the orthographic problems connected with geographic appellations. S.I. Ozhegov added his authority to the views of the two

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SOV, 10-59-3-30 32

The Interdepartmental Meeting on the Transcription of Geographical Names

latter speakers. "Local Geographical Names" was the report of E.M. Murzayev. Special problems concerning the transcription from English, Estonian, Indian and Japanese languages were analyzed by V.I. Kuznetsova, O.B. Oskolkova and E.Yu. Nurm. Ye.M. Pospelov and V.V. Pertsmaher discussed different fields of foreign transcription work. A.Kh. Babayev, G.P. Bondaruk, V.A. Nikonov and Ye.M. Pospelov discussed the problems of toponymics as a special branch of science. O.R. Nazarevskiy pointed out that there are many errors in Soviet non-Russian maps and geographic books as far as the appellations are concerned. P.D. Dedov and P.K. Komarov emphasized the importance of the original correct transcription of geographic names in the course of topographic operations. Forty-four persons spoke in the discussions, e.g. D.M. Popov, A.Ya. Marusov, L.N. Sobolev, G.I. Donidze, Yu.V. Aristov, N.A. Syromyatnikov, S.A. Gavrilova, L.F. Rif, A.F. Dal'kovskaya. The assembly voted for the creation of a central authoritative interdepartmental organization in charge of the entire Soviet transcription

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SOV/10-59-3-30/32

The Interdepartmental Meeting on the Transcription of Geographical Names

work. Its proposed name is: Komitet po transkriptsii geograficheskikh nazvaniy i lichnykh imen (the Committee in Charge of the Transcription of Geographical and Personal Names). A scientific advisory and executive team should be added to this central committee. In the meantime the Soviet Ministry of the Interior should help both the present Interdepartmental Committee and the Transcription Department of GUGK in completing and publishing their ready materials. Papers read at the conference should be published.

Card 4/4

9-3

MARTYNOVA, I.

SOV/10-99-4-25/29

3(

AUTORS: Vellichko, A.I., and Mintz, A.A.  
TITLES: The Sixth Conference of Young Scientific Workers of the Institute of Geography of the USSR Institute of Geography AS USSR

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya Geograficheskiye, 1959, Nr. 4, pp 152-154, (USSR)

ABSTRACT:

The article covers the Sixth Conference of Young Scientific Workers of the Institute of Geography AS USSR which took place in mid-March, 1958. 35 reports were read by the following scientific workers: I.S. Glush reported on "Some genetic regularities in the distribution of atmospheric precipitation"; V.M. Potlyakov and S.I. Kozlovskiy on structural features in snow cover research in the Antarctic region; A.I. Voznesenskaya on the correlation between the winter and summer physical network of the USSR; A.I. Voznesenskaya on the correlation between tectonic movements in the Northern Hemisphere and the water balance of the continent according to the water balance method from the African continent; A.I. Voznesenskaya discussed evaporation problems in the Gulf of Kara-Baz-Gol; I.M. Labadaya and Ye.M. Minayeva reported on the impact of solar radiation on snow melt; I.M. Labadaya, I.S. Glush and Ye.M. Minayeva reported on snow radiation near the Siberia Weather Station; I.M. Labadaya reported on snow conditions in the mountains of Central Caucasus; K.M. Orlov reported on his new method to measure the amount of snow carried by winds, whereby snow-flakes are recorded by a photoelectric device; M.M. Dreyer, M.M. Orlov, M.M. Dreyer and I.M. Stezhenskaya lectured on the water discharge and soil washout also studied there; M.M. Dreyer and I.M. Stezhenskaya lectured on how to calculate the maximal spring water discharge in the Yenisey and Lena rivers according to the method of the V.I. Vakhrameev; I.M. Stezhenskaya lectured on sea levels of the Bering sea during the V-XIX centuries; I.M. Stezhenskaya lectured on the lake levels in the Turgy region during 1849-1958; I.M. Stezhenskaya reported on the rivers and lakes of the Yitka; I.M. Stezhenskaya discussed Tertiary forms of relief in the valleys of the Enns basin; A.I. Voznesenskaya reported on loess deposits in the central part of the Russian Plain; A.I. Voznesenskaya and A.I. Voznesenskaya lectured on the results of a geobotanic survey of the Central Ural; A.I. Voznesenskaya lectured on the division of the Trans-Ural wood-anti-sterile area into single relief types.

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SOV/10-59-4-25/29  
The 51-th Conference of Young Scientific Workers of the Institut  
Geografii AN UZSSR (Institute of Geography AS USSR)

Mr. G. Gorodetskaya explained her two hollows on the left bank of the Irtysh river near Pavlodar orientated N-E. Eritskaya gave a report on a geographical survey on the Balkash area. Yeizher reported on her work on birds in the area. Analysis of a map of morphometric ground on the Amudarya. Kimofeyev discussed relief origin in the southern part of the Amur and Zeya rivers area. V. P. Zhigalov compared morphological and morphometric methods to measure roll coefficients. C. Zhukhikova and M. V. Kozlov gave a geographical survey on birds in the area. A. V. Tikhonov reported on the industrialization and scientific development of the Karaganda industrial area. V. I. Kozlov and B. V. Zolotarev discussed the lumber industry in the Arkhangelskaya oblast on the economic district respectively. M. P. Chikilina reported on the economy of the Land Baden-Wuerttemberg. V. G. Kuznetsov lectured on the physical training of workers of the Kostovskiy Gosudarstvennyy Institut promyshlennogo stroitelstva (Central Institute of Industrial Construction). Institute of Fisheries, Front Research AS USSR) and other organizations. The following senior workers of the organizations of Geography AS USSR took part in the discussions: G. G. Donskaya, N. B. Dzerzhevskiy, L. P. Dolzhenko, A. G. Kazantsev, K. F. Sribnyy, B. A. Fedorovich, and others.

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Card 5/5

3(2)

AUTHOR:

Martynova, Z. F.

SOV/6-59-6-15/22

TITLE:

New Agricultural Maps (Novyye sel'skokhozyaystvennyye karty)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 6, pp 56-59 (USSR)

ABSTRACT:

The agricultural maps of the Omsk oblast' and of the Novosibirsk oblast' are the first maps to meet the requirements of agricultural planning and management under present conditions. The characteristics of this new kind of maps are pointed out here. Both are on the same scale of 1 : 600,000, but are different in content and application of cartographic methods. The map of the Omsk oblast' shows the boundaries of soil exploitation of sovkhozes and kolkhozes, and names their centers. The areas of agricultural cultivation are represented in color. The taiga zone is shown as "forest and hunting" area. The vegetable, poultry-breeding and pig-breeding sovkhozes, cattle-breeding and seed-growing farms, fruit-growing schools, botanical gardens, bee-keeping farms, fox farms, RTS, MTS and agricultural power plants are shown. In spite of this, the map has considerable shortcomings. The specialization of agriculture with separate mention of leading branches is not expressed.

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New Agricultural Maps

SOV/6-59-6-15/22

In this oblast' which is one of the main districts of dairy and production of butter, it is not possible, for instance, to tell by the map where the centers of this branch are situated. On the map of the Novosibirsk oblast', the specialization of agricultural production constitutes its principal content. But here the soil exploitation is not shown in single agricultural organizations but in administration districts, which results in a poorer content of the map. While the map of the Omsk oblast' only shows the quantitative relationship of main cultures between each other, and the presence of one or the other branch of cattle-breeding, the map of the Novosibirsk oblast' gives a classification in three zones and 8 subzones which is much clearer. The map also shows the distribution of industries connected with agriculture. An important supplement of these maps are the auxiliary maps 1 : 4,000,000 and 1 : 2,500,000 on the map of the Omsk oblast' and 1 : 3,500,000 on the map of the Novosibirsk oblast'. Unfortunately there is no indication of productivity and soil amelioration. On the map of the Omsk oblast', a chart of temperature conditions would be convenient (as this area extends over different climatic zones). There are 2 Soviet references.

Card 2/2

3(2)

AUTHORS: Leont'yev, N. F., Candidate of Technical Sciences, <sup>SOV/6-59-8-15/27</sup> Martynova, Z. I.,  
Mints, A. A., Candidate of Geographical Sciences

TITLE: On the Atlas of Belorusskaya SSR (Ob Atlase Belorusskoy SSR)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 8, pp 58-63 (USSR)

ABSTRACT: The atlas of Belorusskaya SSR was published in 1958. It has 140 pages, and the edition comprises 15,000 copies. It contains 8 general and political administration maps, 56 general geographical maps, 8 physical maps, 48 economic maps, 9 ethnographical maps, and 9 historical maps. The climatic chart and the map of peat deposits are excellent. The forest map and geobotanical map are not entirely in agreement with one another. The fauna map is highly interesting. A scheme of the economic relations of the Republic with other areas of the USSR is also given. The characterization of the population is not exhaustive in the ethnographical maps. A particular advantage of the atlas lies in the fact that maps of individual oblast' of the Republic, namely physical, administrative, and economic maps of each of the oblast' are also inserted.

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There is 1 Soviet reference.

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

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

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut Ministerstva geologii i okhrany neдр SSSR (for Alyushinskiy, Asatkina, Boytsova, Gromova, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak, Edl'shteyn). 2. Ural'skoye geologicheskoye upravleniye Ministerstva geologii i okhrany neдр SSSR (for Agranovskaya, Bocharnikova, Martynova). 3. Severo-Vostochnoye geologicheskoye upravleniye Ministerstva geologii i okhrany neдр SSSR (for Voyevodova, Khaykina). 4. Leningradskiy filial Hidroproyekta Ministerstva elektrostantsiy (for Zauver). (Palynology)



MARTYNOVA, Z. I.; MINTS, Z. I., kand. geogra. nauk

Agricultural map of Moscow Province. Geod. 1 kart. no. 7:61-63  
J1 '60. (MIRA 13:9)

(moscow Province--Agriculture--Maps)

MARTYNOVA, Z.I.

Economic map of a province. Geod. i kart. no. 10:59-60 0 '60.  
(MIRA 13:12)  
(Omsk Province--Economic conditions--Maps)

MARTYNOVA, Z.I.; MINTS, A.A.

Geographical atlas of Tambov Province. Geod.i kart. no.5:66-68  
My '61. (MIRA 14:6)

(Tambov Province--Maps)

MARTYNOVA, Z.I.; MINTS, A.A.

Atlas of the Armenian S.S.R. Geod.i kart. no.4:53-~~47~~ Ap '62.  
(MIRA 15:12)

(Armenia—Maps)

S/006/62/000/004/001/001  
2054/D113

AUTHORS: Golub, R.A., and Martynova, Z.I.

TITLE: Third Interdepartmental Conference on Present Movements of  
the Earth's Crust

PERIODICAL: Geodeziya i kartografiya, no. 4, 1962, 74-76

TEXT: The Tret'ye Mezhdudomstvennoye soveshchaniye po sovremennym  
dvizheniyam zemnoy kory (Third Interdepartmental Conference on Present  
Movements of the Earth's Crust), organized by the Commission for the Study  
of Present Tectonic Movements and the Geodesy Section of the Interdepart-  
mental Committee at the Presidium of the AS USSR, was held on November  
14-18, 1961 in Moscow. The participants represented various departments of  
the AS of the USSR and individual republics, the State Committee for the  
Coordination of Scientific Research at the Council of Ministers of the USSR,  
the Ministries of Higher and Secondary Education and of Geology and the  
Conservation of Mineral Resources of the USSR, etc. Opening the conference,  
Academician I.P. Gerasimov dealt with Soviet research on vertical crustal

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S/006/62/000/004/001/001  
2054/2113

Third Interdepartmental Conference ...

movements. The following is a list of participants and reports read: Yu.A. Meshcheryakov and M.I. Sinyagina - Information now available on crustal movements; Meshcheryakov and Yu.D. Bulanzhe - International cooperation in the study of present crustal movements; Meshcheryakov, V.P. Trifonov, N.P. Kostenko, N.V. Dumitrashko and D.A. Liliyberg - Methods of studying present vertical crustal movements of intracontinental regions; Bulanzhe, Ye.N. Lyustikh, V.A. Magnitskiy, M.V. Gzovskiy and A.Ye. Ostrovskiy - The use of geophysical methods of studying present crustal movements; Bulanzhe, Magnitskiy, A.A. Izotov and N.S. Blagovolin - The project of creating a Crimean experimental area for studying present tectonic movements (approved by the conference); V.P. Shcheglov - The possibility of determining continental movements by repeatedly determining the longitude of different points on the Earth's surface; G.A. Zhelmin and I.P. Lesis - Good results obtained by the relevelling method used for studying crustal movements in the EstSSR and in the South-East Baltic Sea Region; V.A. Mattskova - The use of the relevelling method for correcting the map of the western part of the European USSR; A.P. Bachmanov - The study of vertical movements on the Black Sea shore; L.P. Orlenko - The use of oceanographic data for

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S/006/62/000/004/001/001  
D054/D113

Third Interdepartmental Conference ...

defining present relative tectonic movements; A.K. Pevnev - Results of releveling in the Baskunchak area; A.M. Gabaydulin and N.N. Melidov - Study of vertical crustal movements in the Kazan' area; L.P. Kazachyan - Study of these movements in Armenia; G.I. Leont'yev - Vertical nontectonic movements of the Earth's surface, caused by temporary atmospheric and water loads, and their influence on high-precision leveling in the Lower Volga areas; M.S. Uspenskiy and co-workers of the Institut geografii AN SSSR (Institute of Geography of the AS USSR) Martynova, L.Ye. Setunskaya and Ye.A. Fin'ko analyzed nontectonic deformations of the Earth's crust; Gzovskiy and L.A. Latynina - The qualitative correlation between long-term tectonic movements preceding an earthquake and specific movements immediately prior to an earthquake; A.A. Nikonov and G.D. Panasenko, reporting on late-Quaternary tectonics and seismicity in North-East Fennoscandia, concluded that, in the postglacial period, the elevation process slowed down and the elevation and sinking areas in the East of the Kola Peninsula were reduced; Ostrovskiy, A.B. Bakhrushin and L.I. Mironova, reporting on surveying results in Kondar, described the block-motion character of crustal movements; V.F. Bonchkovskiy - Slow movements of upper terrestrial

Card 3/5

Third Interdepartmental Conference ...

3/006/62/000/004/001/001  
D054/D113

layers in the Serpukhov area; A.T. Donabedov and V.A. Sidorov - The correlation between present vertical crustal movements, geophysical fields and geostructural elements; G.A. Kon'kov - Increased methane and coal-gas emanations are connected with zones of contrasting movements; A.K. Razinskas - The possible connection between quasi-geoid surfaces and tectonic movements; A.N. Skur'yat - The use of a level variometer for finding the difference in height of points on profile; Betanskaya, Fin'ko, A.P. Rozhdestvenskiy, Yu.Ye. Zhurenko and Ye.Ya. Rantsman - The correlation of present movements with contemporary reliefs, actual tectonics and morpnostuctures. Meshcheryakov and I.M. Sokolevskiy - The inherited character of vertical movements; Martynova, Mattskova and S.K. Gorelov - The importance of relevelling to obtain correct characteristics of the crustal movement speed; Dumitrashko, Liliyenberg, Rantsman, V.A. Rastvorova, Ye.M. Shcherbakova and Yu.A. Skvortsov - An analysis of present crustal movements in the mountainous parts of the south of the USSR; M.K. Grave and V.Ye. Yevzorov - Movements in the complex of Holocene and older Quaternary deposits on the Kola Peninsula; V.V. Lamakin, V.G. Rikhter and A.V. Volin - The study of tectonic fracturing zones to facilitate understanding crustal

Card 4/5



Third Interdepartmental Conference ...

S/006/62/000/004/001/001  
3054/0113

movements in inherited faults and consolidated rocks; A.S. Ionin, P.A. Kaplin, V.F. Kanayev and Ye.N. Nevevskiy - The use of geomorphological and stratigraphic methods for studying vertical crustal movements on sea shores and modern techniques for underwater research. The conference outlined for the most important tasks as being: the compilation of a complex map of vertical crustal movements in the European USSR, the study of present tectonic movements in seismic areas of the USSR by all available methods, the creation of several experimental areas for studying tectonic movements, detailed studies of coal regions with a view to solving the problem of forecasting sudden gas outbursts, and the designing and construction of new instruments and devices.

Card 5/5

MARTYNOVA, Z.I.

Economic map of Novosibirsk Province. Geod.1 kart. no.10:15-27  
0 '62. (MIRA 15:12)  
(Novosibirsk Province—Economic conditions—Maps)

MARTYNOVA, Z.I.; MINTS, A.A.

Atlas of Irkutsk Province. Geod. i kart. no.5:55-60 My '63.  
(MIRA 16:7)

(Irkutsk Province—Maps)

MINTS, A.A.; MARTYNOVA, Z.I.

New comprehensive atlas. Geod. i kart. no. 12:60-64 1962.  
(MIRA 18:2)

MARTYNOVA, Z.I.

Review of the activity of the Commission for Medical Geograpy  
of the Moscow Branch of the Geographical Society of the  
U.S.S.R. in 1963 - 1964. Vop. geog. no.68:216-218 '65.  
(MIRA 18:12)

BOYTSOVA, Ye.P.; VOYEVODOVA, Ye.M.; ZAUER, V.V.; KOL'TSOVA, T.T.;  
KRUCHININA, N.V.; MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA,  
I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; STEL'MAK, N.K.;  
TABACHNIKOVA, I.P.

[Atlas of lower Cretaceous spore and pollen complexes of some  
regions of the U.S.S.R.] Atlas nizhnemelovykh sporovo-pyl'tsevykh  
kompleksov nekotorykh raionov SSSR. Moskva, Nedra, 1964. 551 p.  
(Leningrad, Vsesoiuznyi geologicheskii institut. Trudy, vol.124)  
(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii insti-  
tut (for Boytsova, Kol'tsova, Kruchinina, Panova, Pokrovskaya,  
Romanovskaya, Sedova, Stel'mak, Tabachnikova). 2. Ural'skoye  
geologicheskoye upravleniye (for Martynova). 3. Severo-Vostoch-  
noye geologicheskoye upravleniye (for Voyevodova). 4. Lenin-  
gradskiy filial Vsesoyuznogo ordena Lenina proyektno-izyskatel'-  
skogo i nauchno-issledovatel'skogo instituta im. Z.Ya. Zhuka  
(for Zauer).

3/137/61/000/G11/042/123  
A060/A101

AUTHORS: Bergel'son, L. P., Kritskaya, N. V., Martynova, Z. K.

TITLE: Technological study of the poly-metallic ore of one of the Ural deposits

PERIODICAL: Referativnyy zhurnal. Metallurgiya. no. 11. 1961. 9, abstract 11606 ("Tr. Tsent. n.-i. gornorazved. in-ta", 1960. no. 39. 43 - 44)

TEXT: The poly-metallic ore from one of the Ural deposits was tested for concentration. In view of the fact that Zn, Fe, Cd (besides the Au and Ag) may be of some interest, the tests were carried out in the direction of obtaining methods of extracting the indicated elements. First the ore under test was subjected to gravitational concentration on a jigging machine and a concentration platform to separate out from the technological process the unyielding ore and the free Au and Ag. The gravitational concentrate was subjected to amalgamation and the residues of the amalgamation may be utilized as a pyrite concentrate containing up to 40% Fe and 50% S. The main technological process of treating this ore turned out to be the collective flotation, to which the residues of the jigging, and a mixture of the jigging residues with the residues of the concentra-

Card 1/2

Technological study of the poly-metallic ore...

S/137/61/000/011/042/123  
A060/A101

tion platform were subjected, and whose optimal grain size was 0.15 mm. The collective concentrate was subjected to selective flotation with separation of Zn and  $FeS_2$  concentrates. The silver and gold are extracted in basic concentrates and from the flotation residues by the cyaniding process.

A. Shmeleva

[Abstracter's note: Complete translation]

Card 2/2



L 05631-57 EWP(1)/EWT(0)/T/TNP(1)/EII LJP(C) JD/GC

ACC NR: AP6024505

SOURCE CODE: UR/0181/66/008/007/2258/2260

AUTHOR: Baryshev, N. S.; Vdovkina, Ye. Ye.; Martynovich, A. P.; Nesmelova, I. M.;  
Tsitsina, N. P.; Aver'yanov, I. S.

ORG: none

TITLE: Deep energy levels in indium antimonide

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 2258-2260

TOPIC TAGS: indium compound, antimonide, impurity level, forbidden band, Hall effect, carrier density, carrier lifetime, photoconductivity, photoelectromagnetic effect

ABSTRACT: The authors have investigated certain electric properties of single crystals of InSb with uncompensated-impurity density  $10^{12} - 10^{18} \text{ cm}^{-3}$ . The positions of the deep levels in the forbidden band were determined, the concentrations of the corresponding centers obtained, and their recombination properties investigated. The test consisted of measuring the Hall effect and the conductivity in p-type crystals grown by the Czochralski method and doped with germanium, or else obtained by multiple zone melting, in the interval 55 - 300K. The temperature dependence of the Hall coefficient shows, for samples with uncompensated-acceptor density lower than  $10^{14} \text{ cm}^{-3}$ , the presence of two regions of quenching (below the Hall inversion point and at low temperatures) and a sloping region between them. The results are explained by assuming the existence of three levels (shallow donor and acceptor levels and a deep donor level), the degree of filling of which depends on the temperature. To observe

Card 1/2

L 05631-67

ACC NR: AP6024505

the deep levels, the transmission of several samples with carrier density  $n \lesssim 10^{14}$   $\text{cm}^{-3}$  was investigated at 55 and 77K in the spectral interval 5 - 15  $\mu$ . A weak absorption band was observed near 9.3  $\mu$ , and it is attributed to the ionization of the deep levels. Measurements of the stationary photoelectromagnetic effect and the photoconductivity were used also to investigate the temperature dependence of the lifetime of the carriers, and the results obtained agreed with the published data. The authors thank K. Ya. Shtivel'man for a useful discussion. Orig. art. has: 2 figures.

SUB CODE: 20/    SUBM DATE: 23Nov65/    ORIG REF: 004/    OTH REF: 007

Card

2/2 *2/2*

MARTYNOVICH, G.Ya.; LEVIN, N.V.; RALCHENKO, B.G.; SULLA, V.B.

Inventors suggest. Mashinostroitel' no.10:30-31 C '65.  
(MIRA 18:10)

M

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

Abs Jour: RZhBiol., No 22, 1958, No 100401

Author : Demchenko, F.K.; Martynovich, L. I.

Inst : -

Title : The Interrelation between Nutrients in Basic  
Fertilization With Two-~~lay~~ Cultivation.

Orig Pub: Sakharnaya svekla, 1957, No 8, 28-31

Abstract: In 1955-1956, different combinations of fer-  
tilizers applied under sugar beets with square and  
square-pocket (check row) seeding, were studied  
at Verkhnyachskiy Experiment and Breeding Station.  
The content of nitrates in the soil, and mobile P

Card : 1/4

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

Abs Jour: RZhBiol., No 22, 1958, No 100401

and K was determined in relation to the fertilizers applied. The influence of various combinations of fertilizers on the yield of beet roots and their sugar content was studied. The highest yield of beet roots (460 centners/ha with a sugar content of 17.3%) was secured from square seeding with a full norm of NPK in the basic fertilization and with a half norm of P and K in supplementary dressings. In the square-pocket sowing, the highest yield (435 centners/ha with the sugar content of 17.7%) was obtained with one and a half dose of NPK in the main fertilization without additional

Card : 2/4

M-128

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

Abs Jour: RZhBiol., No 22, 1958, No 100401

dressing. Omission of N in the basic fertili-  
zation and in the supplementary dressing,  
lowered somewhat the yield of the roots but  
increased the sugar content to 18.3%. Experi-  
ments showed that the best combination both  
in the square and square-pocket sowing effects,  
is P40 and K50 in the basic fertilization and  
N25P20K25 in the supplementary dressing on the  
condition of applying 20 tons/ha of manure  
under the predecessor of the beets. Otherwise,  
application of N50 in the basic fertilization  
(in addition to P and K) and its omission

Card : 3/4

Country : USSR  
APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032620013-3  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

Abs Jour: RZhBiol., No 22, 1958, No 100401

from the supplementary dressing, is necessary.  
-- G. Yu. Dinesman

Card : 4/4

MARTYNOVICH, M. Ye., agronom

Year-round production of organic fertilizers. *Zemdelie* 24 no.6:  
47-49 Je '62. (MIRA 15:11)

1. Kolkhoz imeni Krasnykh partizan, Karelichskogo rayona, Gordnenskoj oblasti.

(White Russia--Fertilizers and manures)

MARTYNOVICH, N.N.

Forage crop rotation in the southern forested steppe zone of the  
Ukraine. Zemledelie 4 no.5:83-88 My '56. (MLRA 9:8)

1. Verkhnyachskaya ordena Trudovogo Krasnogo Znameni opytno-selekt-  
sionnaya stantsiya.

(Ukraine--Forage plants) (Rotation of crops)



Country : USSR  
Category : Cultivated Plants. Cereals. Leguminous Plants.  
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24812

Author : Martynovich, N. N.  
Inst : Cherkassk and Uman Agricultural Experimental  
Stations.

Title : Green Fallows under Winter Wheat in the Southern  
Forest-and-Steppe Right-Bank Region of the Ukraine.

Orig Pub : Zemledeliye, 1958, No. 7, 49-51

Abstract : According to six-year-old experimental results  
in Cherkassk and Uman Agricultural Experimental  
Stations, the harvests of winter wheat in sugar-  
crop rotation were high - 21-25 c/ha - due to  
sowing it on fallows taken up by vetch-oat,  
vetch-rye mixtures, by peas (in humid years) and  
by perennial grasses of one-, two-year usage.

Card : 1/2

MARTYNOVICH, N.N., kand. sel'skokhoz. nauk

Winter wheat in the forest-steppe of the Ukraine. Zemledelle  
26 no.8:55-60 Ag '64. (MIRA 17:11)

1. Verkhnyachskaya opytnaya stantsiya.

MARTYNOVICH, N.N., kand. sel'skokhoz. nauk

Corn as fallow crop. Zemledelie 27 no.5:45-48 My '65.

(MIRA 18:6)

1. Verkhnyachskaya opytno-selektcionnaya stantsiya.

MARTYNOVICH, T. L. Cand Phys-Math Sci -- (diss) "The Calculation of Reinforced-Edge Plates by the Method of Successive Approximations." L'vov, 1956. 6 pp 22 cm. (Min of Higher Education Ukr SSR, L'vov State Univ im Ivan Franko), 100 copies (KL, 16-57, 99)

SOV/124 58 7 7012

Translation from: Referativnyy zhurnal Mekhanika, 1958 Nr 7 p 88 (USSR)

AUTHOR: Martynovich, T L. (Martynovich, T L.)

TITLE: The Flexure of an Isotropic Plate Weakened by a Triangular Hole and Reinforced With an Elastic Ring (Izgin izotropnoy plastinki s treugol'nym otverstiyem, podkreplennym uprugim kol'tsom) in Ukrainian.

PERIODICAL: Nauk. zap. L'vivsk. un-t, 1957 Vol 44 pp 40-47

ABSTRACT: An examination is made of the flexure of an infinite isotropic plate weakened by a hole through it, the shape of the hole forming a nearly equilateral triangle (with somewhat curved sides). A thin elastic ring is soldered onto the edge of the plate to reinforce it; the bending rigidity and torsional rigidity of the ring are not equal. By the method of successive approximations the solution is set up with reference to the parameter pertaining to the expression for the representative function. For two particular types of load the influence exerted by the ring on the distribution of the bending moments  $\mu_p$  and  $\mu_\theta$  along the contour of the soldered seam is demonstrated numerically.

M. A. Pruso

Card 1/1

1. Metal plates. Deflection. 2. Metal plates. Theory.

MARTYNOVICH, T.L. [Martynovych, T.L.] (L'viv).

~~Bending~~ of plates shaped as elliptic confocal rings with reinforced edges [in Ukrainian with summaries in Russian and English]. Prykl. mekh. 4 no.1:70-79 '58. (MIRA 11:4)

1. L'vivs'kiy derzhavnyi universitet.  
(Elastic plates and shells)

MARTYNOVICH, T.L. [Martynovich] (L'vov)

Bending of an infinite plate having a square hole and reinforced  
by a thin elastic ring. Prikl.mekh. 4 no.3:343-348 '58.

(MIRA 13:8)

1. L'vovskiy gosudarstvennyy universitet.  
(Elastic plates and shells)

MARTYNOVICH, T.L. [Martynovych, T.L.] (L'vov)

Isotropic semiplane with a reinforced edge. Prikl. mekh. 16  
no.6:608-614 '64. (MIRA 18.2)

1. L'vovskiy gosudarstvennyy universitet.



MARTYNOVIC, T.I. (Liviv); DAVEK, M.I. (Liviv)

1. KPII. Kupetskiy komitet prikladnykh tekhnicheskikh nauchnykh institutov s otzheniymi svedeniymi s predmetom razrabotki i ispolneniya zadaniy. Izv. mekh. i no. 8. 1946. 195.  
2. Ilyovsky gosudarstvennyy universitet. Minsk. 1954.

L 16099-66 EWP(w) EM  
ACC NR: AT6003595

SOURCE CODE: UR/3185/65/000/001/0061/0070

AUTHOR: Martynovych, T. L. - Martynovich, T. L.

25  
B+1

ORG: none

TITLE: Elastic equilibrium of a plate with curvilinear boundaries supported by an elastic ring

SOURCE: L'vov. Universytet. Visnyk. Seriya mekhaniko-matematychna, no. 1, 1965, 61-70

TOPIC TAGS: elasticity, elastic deformation

ABSTRACT: The general statement of the problem concerning an elastic equilibrated plate supported at its edge by a thin elastic ring was formulated first by M. P. Sheremet'yev (Plastinki s podkreplennym krayem, Izd. L'vov. un-ta, 1960). The present paper makes the formulation more precise and derives the boundary conditions concerning an isotropic plate in elastic equilibrium when supported by an elastic rod (ring) of constant cross section; the derivation takes into account tangential stresses due to the bending of the support. The normal cross section of the support is assumed rigid. The theory is applied to the illustrative example of an infinite plate with a circular hole supported by a  
Card 1/2

2

L 16099-66

ACC NR: AT6003595

thin ring. The numerical results are given in the form of tables. Orig. art. has: 43  
formulas and 1 table. 0

SUB CODE: 20,12 / SUBM DATE: 00Apr62 / ORIG REF: 003

Card 2/2 *1.7*

MARTYNOVICH, T.I. (L'vov)

Anisotropic semiconductors with a point of view  
no. 2:360-367 (1964)

L 11975-66 EWT(d)/EWT(1)/T/EWP(1) IJP(c)

ACC NR: AP6000018

SOURCE CODE: UR/0208/65/005/006/1120/1124

AUTHORS: <sup>44 55</sup> Martynovich, T. L. (L'vov); <sup>44 55</sup> Korduba, B. M. (L'vov)

ORG: none

47  
2

TITLE: Application of the straight line method coupled with the method of integral transformations to the problem of electrostatic fields with axial symmetry

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 5, no. 6, 1965, 1120-1124

TOPIC TAGS: Dirichlet problem, electron lens, integral transform, approximation method, electrostatic field, Poisson equation, differential equation, Bessel function, Fourier series

ABSTRACT: An <sup>16, 44, 55</sup> approximation method is outlined for the calculation of <sup>21, 44, 55</sup> electrostatic fields for axially symmetric electron lenses. The physical problem is described by the Poisson equation

$$\frac{\partial^2 u}{\partial r^2} + \frac{1}{r} \frac{\partial u}{\partial r} + \frac{\partial^2 u}{\partial z^2} = -g(r, z)$$

in the domain  $a_0 \leq z \leq a, 0 \leq r < \infty$  which can be described as a Dirichlet boundary value problem with boundary conditions

$$|u(r, z)|_{z=a_0} = u(r, a_0), \quad |u(r, z)|_{z=a} = u(r, a), \quad \lim_{r \rightarrow \infty} u(r, z) = 0;$$

Card 1/3

UDC: 517.9:538.3

2

I. 11975-66

ACC NR: AP6000018

First, the straight line method is applied to the z-coordinate by dividing the length into the intervals  $\{z_k, z_{k+1}\}$  such that the Poisson equation above is represented by (a0a)

$$\frac{1}{r} \frac{d}{dr} r \frac{d}{dr} u^{(k)}(r) + \frac{1}{h^2} [u^{(k+1)}(r) - 2u^{(k)}(r) + u^{(k-1)}(r)] = -q^{(k)}(r),$$

$k = 1, 2, \dots, n.$

In vector notation this yields

$$\frac{1}{r} \frac{d}{dr} r \frac{d}{dr} u(r) - \frac{1}{h^2} G_n u(r) = -q(r).$$

After further simplifications a set of n - independent differential equations is obtained of the zeroth order Bessel type in  $U(r)$  given by

$$\frac{1}{r} \frac{d}{dr} r \frac{d}{dr} U^{(k)}(r) - \frac{\lambda_k}{h^2} U^{(k)}(r) = -Q^{(k)}(r), \quad k = 1, 2, \dots, n.$$

In the above,  $Q^k(r)$  is a known function which can be expressed in Fourier series, and the solution for  $U_0^k(r)$  can be given by

$$U_0^{(k)}(r) = A_k J_0(\gamma_k r) + B_k K_0(\gamma_k r), \quad k = 1, 2, \dots, n.$$

Neglecting the electrode thickness and assuming the system grounded leads to the following expression for  $u^{(k)}(r) = u(r, z_k)$

$$= \frac{2}{n+1} \sum_{m=1}^n \sum_{p=1}^m \frac{1}{r} \sum_{l=1}^m \left( K_0(\gamma_l^{(m,p)}) J_0(\gamma_l^{(m,p)}), \quad 0 < r < r_0^{(m,p)} \right) \sin \frac{lm\pi}{n+1} \sin \frac{lk\pi}{n+1}.$$

Card 2/3

I 11975-66

ACC NR: AP6000018

The problem is then applied to the case of an electro-optical system with three cylindrical electrodes, symmetric relative to the plane  $z = 0$ . The solution leads to a set of algebraic equations of the 22nd order for determining the unknown charge density  $q(\theta)$ . Orig. art. has: 19 equations and 2 figures.

SUB CODE: 20,12

SUBM DATE: 29Jun64/

SOV REF: 002/

OTH REF: 002

CC  
Card 3/3

EXCERPTA MEDICA Sec 12 Vol 13/8 Ophthalmology Aug 59

1267. TECHNIQUE OF SUTURING THE CONJUNCTIVA IN GLAUCOMA  
OPERATIONS (Russian text) - Martynovskaya V. I. - MED. ZH. UZ.  
1957, 4 (79)

A modified continuous suture was used in 89 operations with excellent results. The edge of the conjunctival wound was sutured with a fine round needle with a zero silk thread, with fine stitches. After suturing the wound the threads were trimmed with the leaving of ends 0.4 cm. in length. The suture is removed on the third day.

(S)



MARTYNOVSKAYA, V.I.

Combination of retinitis pigmentosa with glaucoma. Opt.zhur. 12  
no.5:312-313 '57. (MIRA 13:6)

1. Iz glaznogo otdeleniya Andishanskoy oblastnoy bol'nitsy.  
(RETINA--DISEASES) (GLAUCOMA)

MARTYNOVSKAYA, v.I.

MARTYNOVSKAYA, V. I.

Treatment of ulcers with biomyacin. Vest.oft. 70 no.3:26-27 My-Je '57.  
(MLRA 10:8)

1. Glaznoy otdeleniye Andizhanskoy oblastnoy bol'nitsy  
(CORNEA, ulcers  
ther., chlortetracycline)  
(CHLORTETRACYCLINE, ther. use  
corneal ulcers)

MARTYNOVSKAYA, V.I.

Vitamin B<sub>12</sub> in some eye diseases. Vest.oft. no.3:31-33 '61.  
(MIRA 14:9)

1. Glaznoye otdeleniya Andizhanskoy oblastnoy klinicheskoy  
bol'nitsy.

(OPHTHALMOLOGY)

(CYANOCOBALAMINE)

MARTYNOVSKAYA, V.I.

Treatment of asthenopia with a weak galvanic current. Med.zhur.  
Uzb. no.3:71-72 Mr '62. (MIRA 15:12)

1. Iz uzlovoy ob'yedinennoy klinicheskoy zheleznodorozhnoy  
bol'nitsy stantsii Andizhan-I.  
(ASTHENOPIA) (ELECTROTHERAPEUTICS)

MARTYNOVSKAYA, V.I.

Novocaine therapy of initial senile cataract. Sov. Med.  
26 no.9:131-135 S '62. (MIRA 17:4)

1. Iz Ob"yedinennoy klinicheskoy zheleznodorozhnoy bol'nitsy  
stantsii Andizhan-1.

*MARTYNOVSKIY, B. S.*

ROZENFEL'D, Lev Markovich, doktor tekhnicheskikh nauk, professor; TKACHEV, Anatoliy Georgiyevich, kandidat tekhnicheskikh nauk, dotsent; MARTYNOVSKIY, B.S., professor, doktor tekhnicheskikh nauk, retsenzent; ~~ROZENFEL'D, I.S.~~, I.S., professor, doktor tekhnicheskikh nauk, retsenzent; KOBULASHVILI, Sh.N., inzhener, retsenzent; NIKOLAYEVA, N.G., redaktor; SUDAK, D.M., tekhnicheskij redaktor.

[Refrigerating machinery and apparatuses] Kholodil'nye mashiny i apparaty. Moskva, Gos.izd-vo torgovoi lit-ry, 1955. 584 p. Supplement - [Thermodynamic diagrams of refrigerator operating mechanisms] Termodinamicheskie diagrammy rabochikh tel kholodil'nykh mashin. 1955. 17 diags. (MLRA 8:4)

(Refrigeration and refrigerating machinery)

MARTYNOVSKIY, D. M.

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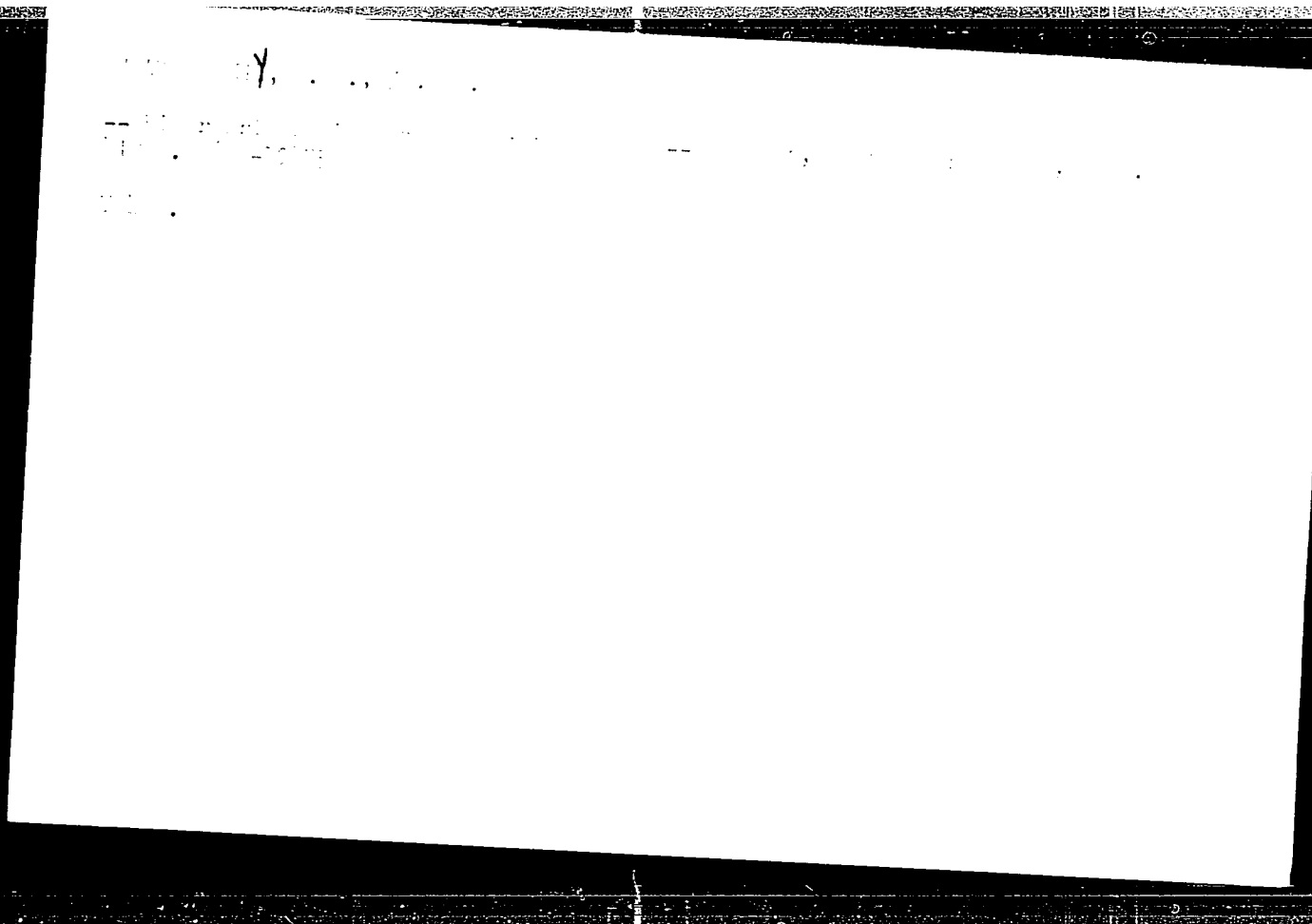
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Apr 52

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into heat. Cites expediency of using principle of  
heat pump and explains limited utilization by com-  
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