ZAKHAROV, P. I.

How to prevent dysentery Izd. 2., perer. i dop. Moskva, Medgiz, 1954. 31 p.

STERLIN, D.M.; LEYKIN, A.Z.; ZAKHAROV, F.I.

Drum-type dryers for ground wood. Der. prom. 13 no.7:10-15 Jl '64.
(MIRA 17:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.

STERLIN, D.M.; ZAKHAROV, P.I.; LEYKIN, A.Z.

Pneumatic dryers for wood chips. Der.prom. 11 no.10:6-9 O '62. (MIRA 15:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut farery i mebeli.
(Drying apparatus) (Wood--Drying)

ZAKHAROV, P.I.

What we learned at the All-Union Agricultural Exhibition. Nauka i pered.op.v sel'khoz. 7 no.7:69-71 Jl '57. (MLRA 10:8)

1.Predsedatel' kolkhoza "Krasnoye znamya", Solotchinskogo rayona, Ryazanskoy oblasti.
(Moscow--Agricultural exhibitions)

SAMOYLOVICH, Georgiy Georgiyevich, prof. Prinimali uchastiye: YEREMEYEV, V.S.; KUDRITSKIY, D.M.; ZENIN, F.I.; BAKH, M.K.; CHELNOKOV, V.P.; GERTSENOVA, K.M.; RAFES, P.M.; ZAKHAROV, P.M.; DEYNEKO, V.F., doktor tekhn. nauk, prof., retsenzent; ZAKHAROV, V.K., prof., retsenzent; MIROSHNIKOV, V.S., dots., retsenzent; BELOV, S.V., doktor sel'khoz. nauk, red.

[Use of aerial photographic surveying and airplanes in forestry; aerial photography of forests and forest aviation] Primenenie aerofotos"emki i aviatsii v lesnom khoziaistve; aerofotos"emka lesov i lesnaia aviatsiia. Izd.2., dop. i ispr. Moskva, Lesnaia promyshl., 1964. 485 p. (MIRA 17:10)

1. Kafedra lesnoy taksatsii i lesoustroystva Belorusskogo tekhnologicheskogo instituta (for Zakharov, Miroshnikov).

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GAINYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; KOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KIGTIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V, retsenzent; VASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHERNBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPCHTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVCHUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.P., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A, redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DKRIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KOMNIYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.
MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S., redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A., redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika, Izd. 3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta. (Railroads)

SOV/92-59-2-30/40

24(3)

AUTHORS: Bondarchuk, A.P., S.R. Kofman, and P.M. Zakharov, Members of the Kiyev Branch of the Tiprotruboprovod Institute

TITLE: Storage of Petroleum Products in Subterranean Cavities (Khraneniye nefteproduktov v podzemnykh pustotakh)

PERIODICAL: Neftyanik, 1959, Nr 2, p 30 (USSR)

ABSTRACT: The rapid development of the petroleum industry puts before Soviet engineers and technicians the problem of creating a new way of storaging petroleum and its products. The authors state that instead of storing petroleum and its products in surface or subsurface steel tanks, it would be much more expedient to use natural or artificially made subterranean cavities. Since abundant saline deposits exist in the Soviet Union, it would be possible to make artificial caverns in salt rocks and to use them for the storage of petroleum. A detailed survey of saline deposit should be made by logging beforehand to find out if rocks are suitable for this purpose. Then an input well should be drilled and water injected in order to wash out of the salt bed a sufficient quanity of salt to create a cavern. The resulting salt solution should be pumped out and brought to a special storage reservoir. It has been ascertained that 6 m^3 water are needed to wash out 1 m^3 of salt. The process

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of leaching rock salt of its bed has been applied in the chemical industry for the last 50 years, and it appears that the creation of subterranean cavities by using a similar method is feasible. This promising method of storing petroleum and its products is much more practicable and economical than the method hitherto used. It would require less capital investment, reduce explosion and fire hazard, and diminish the evaporation rate of products stored.

ASSOCIATION: Kiyevskiy filial institute Giprotruboprovod(The Kiyev Branch of the Giprotruboprovod Institute)

BAKAYEV, A.V.; GELLER, I.Kh.; DORIN, V.A.; ZAKHAROV, P.M.; NASLEDOV, D.N.; SOLOV'YEV, R.A.

Potential distribution in selenium rectifier elements between the electrodes. Izv. vys. ucheb. zav; fiz. no.1: 78-84 '63. (MIRA 16:5)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina.
(Electric current rectifiers) (Electric measurements)

S/139/63/000/012/027
E202/E420

AUTHORS: Bakayev, A.V., Geller, Kh.I., Obrin, V.A., Zakharov, P.M., Kaslefov, D.N., Solov'yev, R.A.

TITLE: Distribution of potential in selenium rectifying elements between electrodes

PERIODICAL: Izvestiya vysshikh [illegible] Zavedeniy. Fizika, no.1, 1963, 78-84

TEXT: Results of measuring potential distribution in selenium [illegible] in the [illegible] direction are described. [illegible] potential distribution between [illegible] separated from 50 to 100 μ it was [illegible] In order to carry out the measurements the [illegible] selenium and the p-n junction [illegible] were stripped and a transverse section prepared. Both types of rectifiers, i.e those with p-n junction between the upper electrode and the layer of selenium, and those in which the p-n junction lies between the layer of selenium and the base, were investigated. The method was based on

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S/139/63/000/001/012/027
E202/E420

Distribution of potential ....

measuring the difference of potential between one of the electrodes ... the latter being placed at various points on the ... element. A special ... reverse section ... edge of the diamond ... a steel sheet ... results. The ... into the selenium ... of the indentation made by the probe was 1.5 to 2 ... potential could be measured at points separated by a distance of 5 ... Since the probe contact with selenium has a considerable resistance of the order of 10^8 to 10^9 ohms, a high resistance voltmeter was used in the measurements. This comprised a potentiometer with a ... electrometer ... to a current of 10^{-11} A. The measurements had an absolute ... of ... V. Considerable care was taken in the preparation of the transverse sections. The ... showed that the ... fraction of the potential applied ... falls over the p-n junction region, ... of selenium ... for not more than 25% of the above ... In addition to ...

Card 2/3

S/139/63/000/001/012/027
T202/D420

Distribution of potential ...

the potential against the distance over the CdS-(orCdSe)-Se-Bi_2Se_3-

ASSOCIATION: Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina (Leningrad Polytechnic Institute imeni M.I.Kalinin)

SUBMITTED: August 22, 1961

Card 3/3

ZAKHAROV, P. M.

Perspektivnye plany razvitiia avto-guzhevogo transporta v Severnoi Azii. /Plans for developing automobile freight traffic in North Asia/. (Sovetskaia Aziia, 1930, no. 3-4, p. 74-95). DLC: H8.S4 Slav.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

3(2),3(4)

AUTHOR: None Given SOV/6-59-6-21/22

TITLE: Chronicle (Khronika)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 6, pp 74-75 (USSR)

ABSTRACT: At the Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow Institute of Geodetic, Aerial Survey and Cartographic Engineers), the Ordinary Scientific Conference took place on April 22-24. A. I. Ivanov, Docent, Candidate of Philosophic Sciences, spoke on "The Outstanding Work of Materialistic Philosophy". A. F. Baranov, Chief of the Glavnoye upravleniye geodezii i kartografii (Main Administration of [illegible]) [illegible] the Development of Topographic-geodetic and Cartographic Work". The following reports were delivered in the geodetic section: A. M. Faynshil'ber, Professor, "Some Integrals of the Surface Theorems and Their Application to the Mechanics of Artificial Satellites of the Earth".- A. V. Kondrashkov, Docent, "Radio-electronics and Geodesy".- G. V. Bagratuni, Docent, "Accuracy in the Solution of Inverse Position Computations by the Coordinates of Different Geodetic Systems".- P. P. Shokin, Docent,

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"Gravimetry in the Present Stage of Development".- Yu. V. Kukhov, Assistant, reported on the influence of rounding errors on the accuracy of solution of linear equation systems.- V. D. Bol'shakov, Candidate of Technical Sciences, spoke on the "Investigation of the Rules of Distribution of Errors in Generalizing the Relief in Surveys".- [illegible], Post-graduate Student, reported on the solution of linear systems for the adjustment of geodetic networks.- V. A. Korolevtsev, Docent, demonstrated an apparatus designed by him for parallactic traversing with a short constant vertical basis.- The following reports were delivered in the aerophotogeodetic section: A. S. Faluyar, Docent, reported on a parallactic [illegible], an additional device to the stereo-comparator.- N. P. Vasil'yevskiy, Docent, spoke on the possibility of generalizing the formulas for the air survey of outlines and altitudes.- B. N. Rodionov and N. P. Lakaznov, Docents, reported on a band-shaped central shutter for aerial cameras. B. N. Rodionov on a stroboscopic collimator sight, B. N. Rodionov and Engineer V. I. Tershov on the scheme of a computing device for the automatic entry of the airplane into the route for air surveys.- Ye. P. Arshanov presented some simplifications for the computation of constants of aerial cameras.- Yu. S. Kuznetsov,

Card 2/4

Post-graduate Student, spoke on the use of rapid film recording for the investigation of aerial-camera shutters.- I. A. Grishin, Engineer of the Geotekhkontora Gosplana RSFSR, spoke "On Some Results and Tasks in the [illegible] of Large-scale Photo-theodolite Surveys".- The following reports were delivered in the cartographic section: Professor V. I. Sukhov spoke on the content of the new map on a scale of 1 : 2,500,000.- Professor A. V. Preobrazhenskiy spoke on "Mineral Resources of the USSR [illegible] on Economic Maps".- S. S. Saloskova, Assistant, reported on the method of geographic field research during the preparatory editorial work at the object of cartography.- A. S. Tolstopyatov, Assistant, reported on the improvement of relief representation of wooded flat country on the topographic map on a scale of 1 : 10,000.- Ye. S. Bilich, Assistant, reported on maps of apartment building in the atlases of the oblast'.- In the section of building of apparatus, I. I. Mest'chikov, Docent, spoke on the life of A. N. Popov.- V. V. Yakovlev, Assistant, reported on reflecting lenses, Professor I. G. Savkin on the increase in accuracy in measuring physical magnitudes, Engineer V. M. Baranov on vertical axial systems for highly accurate optic theodolites, V. S. Usov, Assistant, on sighting with telescopes with some plates,

Card 3/4

P. P. Zakharov, Assistant, on the automatization of evaluation of image couples.

ZAKHAROV, P.P., prof.; GUDKOVA, Ye.I., kand.biolog.nauk; PORUBINOVSKAYA, N.M., kand.med.nauk; FISHMAN, G.A.; KHANAZAROVA, N.A.

New data on immunological features in rheumatic fever and tonsillar diseases. Vop.revm. 2 no.3:12-17 Jl-S '62. (MIRA 16:2)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta ukha, gorla i nosa (dir. - prof. N.A. Bobrovskiy) Ministerstva zdravookhraneniya RSFSR.
(RHEUMATIC FEVER) (TONSILS--DISEASES) (IMMUNITY)

SMIRNOVA, T.M., inzh.; ZAKHAROV, P.P., inzh.; KOSTYUKOV, N.S., kand. tekhn. nauk; KHARITONOV, F.Ya., kand. tekhn. nauk

Deformation of ceramic products under the effect of their own weight during firing. Stek.i ker. 22 no.10:33-35 O '65. (MIRA 18:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy elektrokeramicheskiy institut.

ZAKHAROV, P.P. Cand Agr Sci -- (diss) "Study of methods of sowing and harvesting gambo hemp under seeds in the Chu valley." Frunze, 1958. 15 pp (Kirgiz Agr Inst), 150 copies (KL, 36-58, 113)

ZAKHAROV, P.P.

TITLE: Scientific-technical Conference of the MIIGA i K in 1959 (Nauchno-tekhnicheskaya konferentsiya MIIGA i K 1959 g.)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1959, Nr 3, pp 144 - 146 (USSR)

ABSTRACT: The periodic scientific-technical conference of the Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow Institute of Geodetic, Aerial Survey and Cartographic Engineers) was held on April 22-24, 1959, with the participation of 500 persons. 31 lectures were delivered. The introductory speech was held by Professor A. A. Izotov. Candidate of Philosophical Sciences A. I. Ivanov lectured on "The Outstanding Work of Materialistic Philosophy"; Candidate of Technical Sciences A. V. Kondrashkov on "Radioelectronics and Geodesy". Candidate of Technical Sciences O. V. Bagratuni on "Accuracy of the [illegible] Position Computation With Coordinates of Different Geodetic Systems"; Candidate of Technical Sciences P. V. Shokin reported on "Gravimetry in Today's Stage of Development"; Candidate of Technical Sciences

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V. D. Bol'shakov on "Investigation of the Rules Governing the Distribution of Errors When Generalizing the Relief in Photography"; Post-graduate Student Ya. V. Mokhov on "The Influence of the Rounding Error on the Accuracy of Solutions of Linear Equation Systems". Post-graduate Student N. D. Drozdov reported "On the Solution of Linear Systems in the Compensation of Geodetic Nets". Docent V. N. Korolevtsev dealt with "The Experience in the Application of Parallactic Polygonometry With Short Basis and Constant Vertical Basis". Doctor of Physical and Mathematical Sciences A. N. Fayzail'berg lectured on "Some Integrals From the Theory of Surfaces and Their Application to the Mechanics of Artificial Earth Satellites"; Candidate of Technical Sciences A. S. Valuyev on "The Stereocomparator With Correctors". Assistant M. I. Burov spoke on "Photogrammetric Method of Determining the Altitudes of Luminous Clouds". Candidate of Technical Sciences N. N. Veselovskiy reported on "The Generalization of the Formulas for the Plane Aerial Survey and the Altitudinal Aerial Survey". Candidate of Technical Sciences N. N. Rodionov and Candidate of Technical Sciences N. P. Zakharov dealt with "Central Shutters of Band Type Aerial Cameras". Can-

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didate of Technical Sciences B. N. Rodionov spoke on the "Stroboscopic Collimator Viewer"; Engineer V. I. Larkin reported on a "Computing Gear for the Automatic Entry of the Airplane in the Aerial Photography Path". Post-graduate Student Yu. V. Kuznetsov spoke on the "Application of the Instantaneous Photography for Aerial Camera Testing". Assistant Ye. P. Arzhanov spoke on the "Computation of the Aerial Camera Constants"; Engineer V. I. Grushin, Chief Technician of the Geotekhnomontazh

Goerplane MNTSM on "Some Results and Tasks Related to Large-scale Phototheodolite Surveying Operations"; Doctor of Technical Sciences V. I. Sukhov on "The Problem Concerning the Contents of the New Map on the Scale of 1 : 2500000"; Doctor of Technical Sciences A. I. Preobrazhenskiy on "Mineral Deposits in the USSR and Their Reproduction on Economic Maps"; Assistant [illegible] on the "Method of Geographic Investigation on the Field During the Preparatory Editorial Work on the Cartographing Object (From the Working Experience Acquired by the Meshcherskaya ekspeditsiya (Meshcherskaya Expedition of the MIIGA i K 1958)".

Assistant A. N. Tolstoukhov dealt with "The Problem of Improving the Relief Representation of a Flat Inhabited Territory on the Topographic Map on the Scale of 1 : 10000". Candidate of Technical Sciences Ya. S. Bilich spoke on "Maps of Cultivated Areas in the Comprehensive Atlantes of the Oblast'". Candidate of Technical Sciences I. I. Men'shikov dealt with "A. S. Popov - Scientist, Inventor, Pedagogist (On the 100th Birthday of A. S. Popov)". Senior Lecturer N. V. Yakovlev lectured on "Mirror Lens Objectives With Great Luminous Intensity". Professor K. G. Barkin reported on "The Problem of Compensating the Variations and the Increase of Accuracy in the Measurement of Physical Quantities". Candidate of Technical Sciences V. A. Afanas'yev dealt with "Methods of Measuring Investigations Concerning Optical Main Characteristics of Aerial Camera Objectives With Dropping Atmospheric Pressure and Temperature". Engineer V. N. Baranov lectured on "Vertical Axis Systems of High-precision Optical Theodolites". Assistant V. S. Uspov spoke on "Sighting by the Aid of Telescopes With Zone Plates". Post-graduate Student P. P. Zakharov dealt with "The Automation of

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Measurements on a Pair of Stereoscopic Pictures". At the Plenary Session held on April 24 the Chief of the Glavnoye upravleniye geodezii i kartografii MVD SSSR (Chief Administration of Geodesy and Cartography of the Ministry of Internal Affairs of the USSR), A. N. Baranov lectured on "The Seven-year Plan and the Development of Topographic-geodetic and Cartographic Work".

ZAKHAROV, P.P.

VOLOTSKOY, Nikolay Vasil'yevich; ZIL'BER, David Aleksandrovich; KNORRING, Glob Mikhaylovich; LAZAREV, D.N., redaktor; ZAKHAROV, P.P., redaktor; ZAKHODINA, A.A., tekhnicheskiy redaktor

[Fluorescent lighting] Liuminestsentnoe osveshchenie. Moskva, Gos. energ. izd-vo, 1955. 304 p. (MLRA 9:2)
(Electric lighting, Fluorescent)

ZAKHAROV, Pavel Pavlovich, kand. sel'khoz. nauk; ALEKSANDROVA, N., red.

[Let's achieve large bast fiber crops] Dob'emsia vysokikh urozhaev lubianykh kul'tur. Frunze, Kirgizgosizdat, 1963. 21 p. (MIRA 17:10)

1. Direktor Chuyskoy opytnoy stantsii po lubyanym kul'turam (for Zakharov).

USSR/Cultivated Plants - Technical, Oleaginous, Sachariferous. II-7

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39431

Author : Zakharov, P.P.

Inst : Kirgiz Scientific Research Institute of Agriculture.

Title : Problems of Gambo Hemp Seed Cultivation in Kirgiziya.

Orig Pub : Byul. Kirg. n.-i. in-ta zemled., 1957, 1, 26-29.

Abstract : No abstract.

Card 1/1

ZAKHAROV, P.P., aspirant

Automating the process of finding identical image points. Izv. ucheb. zav.; geod. i aerof. no.5:125-131 '60. (MIRA 13:12)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii.

(Aerial photogrammetry)

S/154/60/000/005/007/008
B012/B060

9.7900

AUTHOR: Zakharov, P. P., Aspirant

TITLE: Automation in Identifying Image Points

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1960, No. 5, pp. 125 - 131

TEXT: Studies on the automation in identifying image points began in 1957 at the Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow Institute of Engineers of Geodesy, Aerial Photography, and Cartography) under the supervision of Docent S. V. Yeliseyev, chairman of the kafedra priborostroyeniya (Department for Instrument Construction). The schematic diagram shown in Fig.1 was worked out in the course of these studies. The diagram is based on the continuous following (with time) of the point concerned until the identical point is established. Included in the diagram are: 1) two carriages with micrometer reading device, where the negatives with the identical point images, whose coordinates are to be measured, are housed; 2) converting devices for obtaining a voltage clearly distinguishing the points "investigated";

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3) amplitude equalizer; 4) summator; 5) a device for ensuring the identification of the least difference of characterizing voltages due to the shift of one of the negatives; 6) calculator, with the aid of which the necessary data may be obtained for any concrete case. The whole system is based on the devices converting the image into its characteristic voltage. A converter was worked out for this purpose which satisfies the following two principal requirements: 1) conversion of image into its characteristic voltage, and 2) continuous conversion, unbounded in time, of the image "investigated". This apparatus is schematically shown in Fig.2. It is an electronic optical converter with rotating half-disc (Authors' Certificate No. 613423/26 of December 26, 1959). It includes: 1) illuminator, 2) the image to be converted, 3) the objective which projects the part of image to be converted into the modulator plane, 4) modulator in the form of a rotating half-disc, 5) an optical system for eliminating the effect of local sensitivity of the photomultiplier cathode, 6) photomultiplier. The form of the characteristic voltage is dependent upon the image projected upon the modulator, while the phase depends upon the angular position of modulator with respect to the selected modulator coordinate origin. The equality of form and phase of

the characteristic voltage is taken as the criterion for the identity of two points. The simplest way is to subtract the voltages. If form and phase are equal, the potential drop will be vanishing for equal amplitudes. Therefore, amplitudes must be equalized. A model based on two microphotometers was worked out in accordance with the diagram of Fig.1 for the experimental investigation of the principle given here. The model is described briefly (without going into details) along with its operation. Pictures of the model, its electronics, and the oscilloscope screens are shown along with characteristic voltages and potential drops. There are 5 figures, 1 table, and 1 Soviet reference.

ASSOCIATION: Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow Institute of Engineers of Geodesy, Aerial Photography, and Cartography)

SUBMITTED: July 7, 1960

S/154/60/000/005/007/008
B012/3060

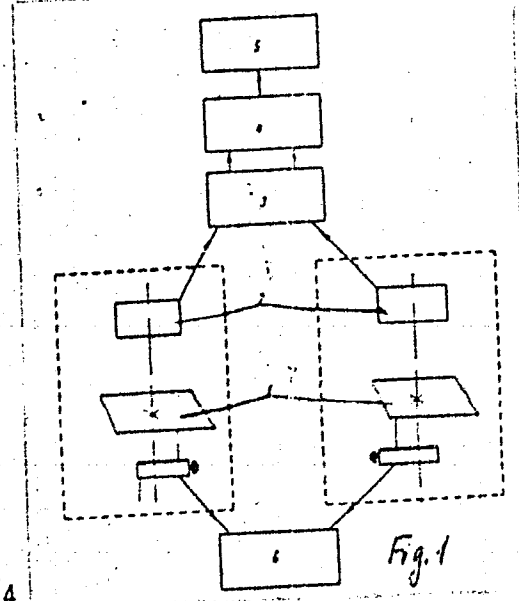

Fig. 1

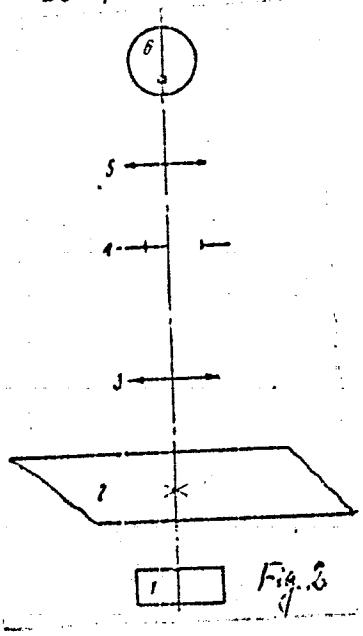

Fig. 2

Card 4/4

1. ZOLOTAREV, M. N., ZAKHAROV, P. S. and SLYUSAREV, M. G.

2. USSR (600)

4. Pomerantsev, Dmitrii Vladimirovich, 1869-1952

7. Dmitriy Vladimirovich Pomerantsev. Les i step' 14 No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

ZAKHAROV, P.S.; AKHROMEYKO, A.I., redaktor; SARMATSKAYA, G.I., redaktor; KOLESNIKOVA, A.P., tekhnicheskiy redaktor

[Using the suctorial strength of the tree crown in drying and impregnating wood] Primenenie sosushchei sily kromy dlia sushki i propitki drevesiny. 2-e izd. ispr. i dop. Moskva, Goslesbumizdat, 1954. 41 p. (MLRA 7:10)
(Lumber--Drying)

ZAKHAROV, P.S. Cand Agr~~i~~ Sci -- (diss) "~~An~~ Experiment in the creation of oak plantings by means of sowing in ~~the forest area~~ Rostovskaya Oblast." Novocherkassk, 1958. 20 pp (Min Agr USSR. Novocherkassk Engineering-~~meliorative~~ Inst). 150 ~~экзем~~ copies. (KL, 37-58, 111).

K

USSR / Forestry. Forest Crops.

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100185

Author : Zakharov, P. S.
Inst : Not given
Title : Khopnoz Experience in Growing Forest Belts by Seed Planting

Orig Pub : S.-kh. Sev. Kavkaza, 1958, No 2, 51-54

Abstract : Results are given of planting forest belts from seed in Rostovskaya oblast'. Trees used in the belts were oleaster, yellow acacia, apricot, false indigo, black locust, red dogwood, field maple, Pennsylvania ash, and honey locust. The success of the method is emphasized, and data are given on agro-engineering techniques of cultivations. -- L. V. Nesmelov

Card 1/1

ZAKHAROV, P.S.

Dust storms in Northern Caucasus and their control with the help of shelterbelts. Pochvovedenie no.9:56-61 S '60. (MIRA 13:9)

1. Novocherkasskiy inzhenerno-meliorativnyy institut.
(Caucasus, Northern—Windbreaks, shelterbelts, etc.)

ZAKHAROV, P.S., kand.sel'skokhozyaystvennykh nauk

Role of shelterbetls in the control of dust storms. Zemledelie 23 no.3:69-70 Mr '61. (MIRA 14:3)

1. Novocherkasskiy inzhenerno-meliorativnyy institut.
(Dust storms) (Windbreaks, shelterbelts, etc.)

ZAKHAROV, Pavel Sergeyevich; SHNEYDERMAN, K.A., red.; BOROVINSKAYA, L.M., tekhn. red.

[Dust storms and their control] Pyl'nye buri i bor'ba s nimi. Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 34 p. (MIRA 14:11)
(Dust storms)

AL'BENSKIY, A.V.; VASIL'YEV, M.Ye.; KONDRASHOV, B.V.; KONDRAT'YEV, R.B.; TARASENKO, A.N.; ZAKHAROV, P.S.; LYUBIMOV, V.P.

This is what scientists say about shelterbelts. Zemledelie 27 no.10:24-27 O '65. (MIRA 18:10)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta agrolesomelioratsii. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni Lenina (for Al'benskiy). 2. TSelinogradskiy sel'skokhozyaystvennyy institut (for Vasil'yev). 3. Direktor Povolzhskoy agrolesomeliorativnoy opytnoy stantsii (for Kondrashov). 4. Krasnoyarskiy sel'skokhozyaystvennyy institut (for Kondrat'yev, Tarasenko). 5. Novocherkasskiy inzhenerno-meliorativnyy institut (for Zakharov, Lyubimov).

ZAKHAROV, Pavel Sergeyevich; TSUBERBILLER, Ye.A., otv. red.; MAKHON'KO, K.P., otv. red.; YASNOGORODSKAYA, M.M., red.

[Dust storms] Pyl'nye buri. Leningrad, Gidrometeorizdat, 1965. 163 p. (MIRA 19:1)

VASHKOV, V.I.; SHNAYDER, Ye.V.; ZAKOLODKINA, V.I.; ERIKMAN, L.I.; CHUBKOVA, A.I.
ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; BERIANIDZE, I. Sh.;
ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P. Ya.; MARTINSON, M.E.;
MRACHKOVSKIY, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.;
RAZMANOVA, Ye.M.; SAVINA, K.V.; SERGEYEVA, A.V.; SOKOLOVA, M.Ye.;
FOMICHEVA, V.S.; CHERNYSHEVA, V.A.; SHUMILOVA, T.V.

Sensitivity of houseflies to chlorophos prior to its use.
Zh. mikrobiol. 40 no.7:83-7 Jl '63 (MIRA 17:1)

VASHKOV, V.I.; SHNAYDER, Ye.V.; BRIKMAN, L.I.; ZAKOLODKINA, V.I.; CHUBKOVA, A.I.; ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; BERIANIDZE, I.Sh.; ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P.Ya.; MARTINSON, M.E.; MRACHKOVSKIY, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.; RAZMANOVA, Ye.M.; SAVINA, K.V.; SERGEYEVA, A.Ye.; SOKOLOVA, M.Ye.; FOMICHEVA, V.S.; CHERNYSHOVA, V.A.; SHUMILOVA, T.V.

Sensitivity to DDT of houseflies in various climatic zones of the USSR. Zhur.mikrobiol., epid.i immun. 33 no.8:20-24 Ag '62.
(MIRA 15:10)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta.

(FLIES—EXTERMINATION) (DDT)

ZAKHAROV, P.V.

AID 419 - I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

PHASE I

BOOK

Author: KONSHIN, M. D., Dr. of Tech. Sci., Prof.

Full Title: AERIAL PHOTOTOPOGRAPHY, 2nd ed.

Transliterated Title: Aerofototopografiya

Publishing Data

Originating Agency: None

Publishing House: Publishing House for Geodetical and Cartographical Literature

Date: 195? No. pp.: 360 No. of copies: 5,000

Editorial Staff: None

Others: Separate Chapters were written by: Ch. 2 - P. V. Zakharov, Ch. 3, 5, and 11 - N. P. Kozhevnikov, Ch. 7 - N. P. Kelikov.

Text Data

Coverage: This is the second supplemented edition of a textbook dealing with photogrammetrical methods for building topographical maps, which is mainly concerned with processes of field preliminary work, the plotting of the work-able original of a map, and the stereophotogrammetrical photograph of a relief. The new edition includes the application in the topographic-geodetic work of stato-scopes, methods of photopolygonometry, and the use of the stereometer with additional correction devices.

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AID 419 - I

Aerofotofotografiya

This textbook is on a comparatively unadvanced level. It gives the principles of photogrammetry and methods of processing aerial negatives for plotting maps, but adds practically no information on the cameras and instruments used. No new or specially interesting data could be found.

ZAKHAROV, P. V.

IVANOV, A. I.

SOV/154-58-2-16/22

AUTHOR: Bol'shakov, V. D., Candidate of Technical Sciences

TITLE: Scientific and Technical Conference of MIIGA i K (Nauchno-tekhnicheskaya konferentsiya MIIGA i K) I

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1958, Nr 2, pp 111-114 (USSR)

ABSTRACT: From April 24 to 26 a scientific and technical conference of the MIIGA i K (Institute of Geodesy, Aerophotography, and Cartography, Moscow) was held in Moscow. Furthermore, there were four sections in operation: on geodesy, aerophotogeodesy, cartography, and on the production of photogrammetrical instruments. More than 500 delegates from 45 institutes took part in the conference at which 28 lectures were given. 20 delegates participated in the discussions. The opening speech was made by the Director of the MIIGA i K, Professor P. S. Zakatov, Doctor of Technical Sciences. The first paper read was that by A. I. Ivanov on "The Fight Against Revisionism." A. I. Durnov, Professor, Doctor of Technical Sciences, spoke on "The Setup and the Levelling Principles of the Geodetic Basic Network of the USSR." A. M. Virovets, Professor, read a paper on "The Elaboration of Equiangular Coordinates in Some Kinds of Geodetical Networks (on the Basis of the Data Directly Measured in the Ellipsoid)." M. S. Murav'yev, Docent: "On a Bench Mark of Special Stability." V. G. Seliahanovich, Docent, Candidate of Technical Sciences: "The Life and Scientific Work of A. P. Bolotov." V. D. Bol'shakov: "Optical Measurements of Distances Under Precise Conditions." N. V. Yakovlev, Assistant: "On the Methodology of High-Precision Goniometry in First-Class Triangulations I." N. Ya. Bobir, "On the Problem of Determining Some Elements of Inner Orientation of Wide-Angle and Super-Wide Angle Aerial Cameras." A. K. Pevnev, Graduate Student: "On a Level Device With a Freely Suspended Reflector." A. S. Dmitriyev reported on "Geodesy and Cartography at the Beginning of the Soviet Rule." Ye. P. Arzhanov on "An Investigation of the Film Smoothing Device With Supporting Rollers." L. E. Vasil'yev, Graduate Student: "Stereocomparator With Electrical Corrections." V. Ya. Mikhaylov, Docent, Candidate of Technical Sciences: "On the Change of Scale of Aerial Photographs Resulting From Enlargement." P. V. Zakharov: "On the Distinctive Capabilities of Black-and-White and Color Photographs." Yu. N. Kuznetsov, Graduate Student: "The Elements of the Theory of a New High-Speed Shutter." I. G. Sprkin, Professor: "The Present State of Physical-Mathematical Knowledge on the Precise Functioning of Measuring Tools." S. M. Golovin: "Speeding up and Improving the Production of Measuring Tools." L. A. Malain, Docent, Candidate of Technical Sciences: "On Instruments for the Precise Measurement of Distances." V. B. Mikheychev, Assistant: "Field Tests With the Optical Range Finder CBB-1." V. S. Usov, Assistant: "On the Study of Inaccuracies in the Focussing Devices of Telescopes." N. M. Volkov, Professor, Doctor of Geographical Sciences: "Some Remarks on Engraving in the Production Process of Original Maps."

Card 1/3

Card 2/3

Card 3/3

ZAKHAROV, P.V.

AUTHOR: None Given SOV/ 6-58-6-21/21

TITLE: Chronicle (Khronika)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 6, pp. 79-80 (USSR)

ABSTRACT: From April 24 - 26, 1958 a Technical Scientific Conference took place at the Moscow Institute of Surveying-, Aerial Photography- and Cartography Engineers (Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii).

In the section of aerial-surveying the following lectures were held: N. Ya. Bobir, Docent,- "On the Problem of the Determination of Elements of the Internal Orientation of Aerial Cameras With Wide and Superwide Angles". Ye. P. Arzharov, Assistant, - "Investigation of the Apparatus for the Straightening of the Film by Means of Waves". (Compressed Airomechanical Method by Docent A. I. Shershen'). V. Ya. Mikhaylov, Docent, - "On the Change of the Scale of Aerial Photographs in the Course of Enlarging". L. N. Vasil'yev, Aspirant, - "Stereocompensator With Electric Corrections". P. V. Zakharov, Teacher, - "On the Fineness of Grain of Black and White as Well as Color Negatives of Aerial Photographs". Yu. M.

Card 1/3

Kuznetsov, Aspirant, - "Elements of the Theory of the New Rapid Shutter".

In the section for surveying and photogrammetric apparatus the following lectures were held: I. G. Sarkin, Professor, - "Physical and Mathematical Theses of the Theorem on the Accuracy of the Apparatus as a Means of Measurements". S. M. Golovin, Docent, - "Accelerating the Production Preparations of New Products and Reducing Their Costs". L. A. Malkin, Docent, -"Apparatus for the Exact Recording of Distances". V. S. Mikheyeshev, Assistant, -"Field Tests With the Light Range Finder CBB-1" (In Moscow in August 1957). V. S. Usov, Assistant, - "On the Investigation of the Errors of the Focusing Devices of Telescopes".

In the section of cartography the following lectures were held: N. M. Volkov, Professor, - "On the Engraving in the Production of the Original Publication Editions". A. V. Naumov, Docent, - "Some Problems of the Household of Cartographic Production". G. A. Ginzburg, Docent, - "On the Interrelation of the Distortions in Cartographic Projections". L. A. Bogomolov, Docent, - "The Topographic Evaluation of Aerial Photographs Taken From Airplanes and Helicopters in

the Cartographing of Areas Difficult of Access". A. S. Tolstoukhov, Assistant, - "On the Representation of Reliefs of Plane Areas on Topographic Maps".

1. Cartography 2. Aerial photography 3. Scientific reports

21335
S/154/60/000/006/006/006
B116/B201

23,5000 (1138)

AUTHOR: Zakharov, P. V., senior teacher

TITLE: Determination of resolution in aerial photography

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, no. 6, 1960, 121-132

TEXT: The present paper offers a survey of attempts made in the past five years for the determination of resolution in aerial photography, and respective results are presented. Brief mention is made of papers by Yu. N. Gorokhovskiy and Yu. K. Vifanskiy, laboratory work conducted by the kafedra aerofotos"yemki (Department of Aerial Photography), a paper by G. Brok, by Vilender (Sweden), and a paper by S. V. Belov, published in 1958 by the laboratoriy Aerometodov AN SSSR (Laboratory of Aerial Methods of the AS USSR). Aerial pictures taken by the Department of Aerial Photography during a special test in 1956 are described next. The pictures were taken with two aerial cameras: PMK (RMK) with an "Ortometar" objective (f = 210 mm), and MK (MK) with a "Russar 29" objective (f = 70 mm). The test object consisted of a system of parallel

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Determination of resolution in ...

earth strips (cut lawn) 10, 20, 40, and 80 cm wide, and 6 m long. These alternated with grass strips of the same width and length, having each three strips of the same size. Adjacent thereto was the same test object but perpendicular to the former. Moreover, black and white strips of the same width and length and in the same succession were painted on 16 plywood plates. Apart from the abovementioned, two more test objects equaling the former were placed on the lawn, with the only difference that the earth strips were covered by sand. In addition, individual lawn cuts having a width of 10, 20, 40, and 80 cm and a length of 6 m were placed on the grass near the test objects. One part was parallel to one test group, and the other at an angle of 45°. All of the former and half of the other strips were covered by sand. These individual strips were intended to serve for the determination of resolution. The latter has been defined by F. L. Burmistrov ("Precision Photography", Oborongiz, 1939) as being the property of the photolayer to represent a single line near which there are no other lines (this property being estimated by the width of the line that is reproducible best). All test objects were taken from altitudes of 2000, 1000, 500, and 250 m on panchromatic films and aerial color films. The time of

Determination of resolution in ...

exposure was in all cases 1/100 seconds. The panchromatic aerial films were developed in the developer by Chibisov. Color and spectrozonal aerial films were worked out by the process of TsNIIGA i K. No difference in resolution was found in the aerial films used. The latter was determined on the "resolvometer" from resolution and selectivity according to the aerial pictures. A comparison between resolution and selectivity according to the strip dimensions shows that, under equal conditions of photographing, resolution is twice as high when taking individual strips (selectivity). In contrast targets with k = 0.7 and k = 0.9 (contrast) being in the flight direction, resolution is independent of the altitude and scale (in the range of the flying heights concerned). In targets with k = 0.2, resolution is reduced only when photographing from an altitude of 2000 m (probably because of the fog layer). Perpendicularly to the flight direction, resolution is reduced with an increase of crabbing, i.e., with a decrease of the flying height. The resolution obtained when photographing the contrast strips arranged at 45° in the flight direction, is twice as high in the contrast k = 0.7 (sand-grass) as compared with one at k = 0.2 (earth-grass). The maximum resolution is not constant in all films and in both aerial cameras. It must be

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assumed that the resolution of the objects depends upon the position of the object contours with respect to flight direction and flying height, and that it is bound to differ. The pictures taken from different heights show that targets in the flight direction can be reproduced best, whereas the reduction of resolution is hardly noticeable, depending on the position of the targets on the negatives (from the center toward the edge). Halations appear on the pictures of contrast targets; they are particularly noticeable in targets with k = 0.9. Tests have shown that the resolution of aerial pictures is in all cases 2-3 times smaller than the one obtained in the laboratory. Yu. V. Ryabushkin (Ref. 9) has shown that the image contrast varies considerable when photographing moving objects. The following ways are indicated for an increase of resolution: proper choice of vibration absorber for the aerial camera, reduction of crabbing by a correct minimum time of exposure, and proper choice of light filters for the widest possible elimination of the effect of fog layers. V. Ya. Mikhaylov is thanked for advice, and Yu. N. Kuznetsov for assistance in the tests. There are 5 tables and 10 references: 8 Soviet-bloc and 2 non-Soviet-bloc.

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Determination of resolution in ...

S/154/60/000/006/006/006
B116/B201

ASSOCIATION: Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii (Moscow Institute of Engineers of Geodesy, Aerial Photography, and Cartography)

Card 5/5

ZAKHAROV, R.S., inzh.; BONDAREV, Ya.I., inzh.

Automatically controlled deisel-generator installation, DGA-200.
Energomashinostroenie 6 no.5:38 My '60. (MIRA 13:9)
(Automatic control) (Diesel engines)
(Electric generators)

ZAKHAROV, S.; KLOSS, E.

Metal models of ships. Voen.znan. 29 no.8:23 Ag '53. (MLRA 6:8)
(Ship models)

ZAKHAROV, S.

ZAKHAROV,S.

"Chaika" yacht. Voen.znan.31 no.4:6 Ap '55. (MLRA 8:10)
(Ship models)

Zakharov S.

ZAKHAROV, S.

Water-jet propulsion for ship models. Voen. znan. 33 no.12:30-31 D '57. (MIRA 11:1)

(Ship models--Engines)

VESELOVSKIY, A.; ZAKHAROV, S.; KONYUSHENKO, I.A., red.; BLAZHENKOVA, G.I., tekhn.red.

[Models of naval vessels] Modeli voennykh korablei. Moskva, Izd-vo DOSAAF, 1958. 28 p. (MIRA 12:2)
(Warships--Models)

ZAKHAROV, S.

Hull of a metal model. Voen. znan. 34 no.9:34 S '58.
(MIRA 11:10)

1. Starshiy inzhener-konstruktor TSentral'noy laboratorii morskogo modelizma TSentral'nogo Komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Ship models)

L 02433-67 EWP(j)/EWT(m)/EWP(t)/ETI IJP(c) RM/JH/JD/WB

ACC NR: AP6025981 (N) SOURCE CODE: UR/0310/66/000/007/0023/0024

AUTHOR: Zakharov, S.; Matasov, Yu.

52
B

ORG: GT KB

TITLE: Protection of river hydrofoils against corrosion 15 14

SOURCE: Rechnoy transport, no. 7, 1966, 23-24

TOPIC TAGS: corrosion, corrosion protection, hydrofoil, PROTECTIVE COATING, ALUMINUM ALLOY, D-16 AT ALUMINUM ALLOY, EPEK-2 PROTECTIVE COATING, EPVK-1 PROTECTIVE COATING, EP-71 PROTECTIVE COATING

ABSTRACT: Corrosion damage on Raketa and Meteor hydrofoils operated on the Volga river has led to an investigation of corrosion sources and of protective coatings for their hulls, which are of D-16 AT aluminum alloy. The most intensive corrosion damage occurred on rivet heads, at riveted joints, and near the engine on the bottom shell where it is subjected to vibration. Oxide and hydroxide incrustation 2—3 mm thick were generated due to the atmospheric influence, particularly during the winter lay-up. The use of various coatings and the number of layers applied is analyzed. Directions for applying the newly developed EPEK-2 and EPVK-1 coatings, which proved best, and their compositions are given. The preparation of these coatings and their durability and method of application are described. The recently introduced EP-71, although twice as expensive, is the most advanced coating for hydrofoil hulls. Orig. art. has: 3 figures. [GE]

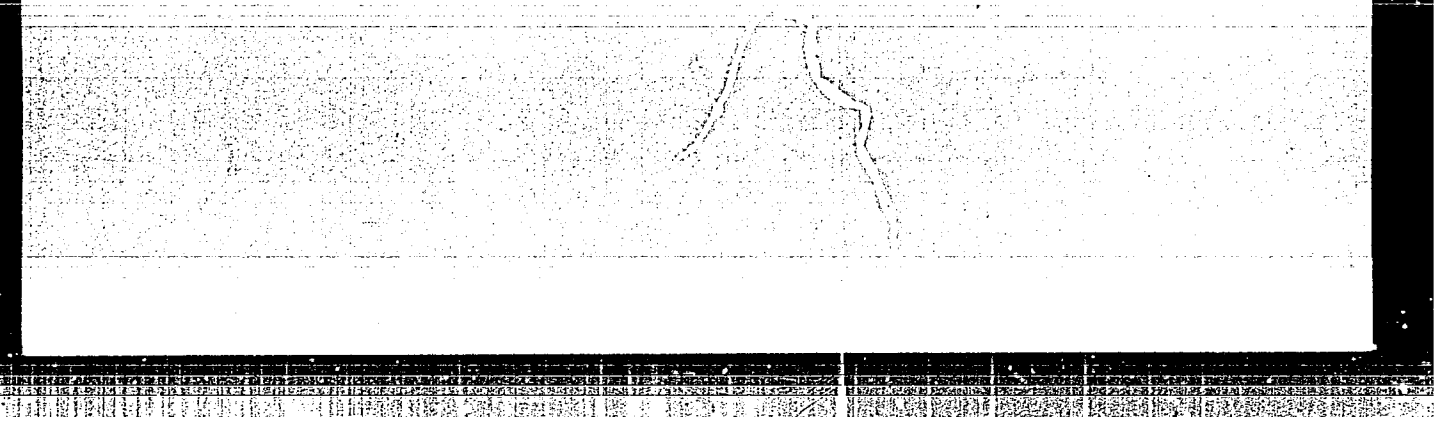
SUB CODE: 11, 13/ SUBM DATE: none/

Card 1/1 gd UDC: 620.197.1:629.011

ZAKHAROV, S.; CHIBRIKOV, A., inzh.

Mechanized operations in the repair of polished varnish coatings. Rech. transp. 24 no.6:24-26 '65. (MIRA 18:8)

1. Glavnyy konstruktor Gor'kovskogo tsentral'nogo konstruktorskogo byuro Ministerstva rechnogo flota (for Zakharov).
2. Gor'kovskoye tsentral'noye konstruktorskoye byuro Ministerstva rechnogo flota (for Chibrikov).



ZAKHAROV, S.

Use more extensively synthetic materials in the building and repairing of ships. Mech. transp. 23 no.12:20-21 D '64. (MIRA 18:6)

1. Glavnyy konstruktor Gor'kovskogo tsentral'nogo konstruktorskogo byuro Ministerstva rechnogo flota.

ZAKHAROV, S., inzh.-konstruktor

Hopping up the engine of a model ship. Voen. znan. 39 no.4:32 Ap '63. (MIRA 16:6)

1. TSentral'nyy morskoy klub Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Ship models)

VAAG, L.; ZAKHAROV, S.

Yield of production funds and enterprise profit. Vop.ekon. no.4:88-100 Ap '63. (MIRA 16:4)
(Profit) (Industrial management)

ZAKHAROV, S.

Making screw propellers for marine models. Voen.znan. 36 no.12: 36 D'60. (MIRA 13:11)

(Propellers--Models)

ZAKHAROV, S.

How to make a model subchaser. Voen. znan. 36 no.9:33-34 S '60.
(MIRA 13:9)

1. Starshiy inshener-konstruktor TSentral'noy laboratorii morskogo modelizma Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Ship models)

GLUKHOVTSEV, S.; ZAKHAROV, S., inzh.

Homemade flotilla. Tekh.mol. 28 no.10:16 '60. (MIRA 13:10)

1. Nachal'nik TSentral'noy morskoy model'noy laboratorii Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Glukhovtsev).
(Ship models)

ZAKHAROV, S., podpolkovnik

Tank company's combat operations in the depth of the enemy's defense.
Voen.vest. 39 no.6:18-20 Je '60. (MIRA 14:2)
(Tank warfare)

ZAKHAROV, S.

Cutter model with underwater wings. Voen.znan. 36 no.3:34 Mr '60. (MIRA 13:3)
(Ship models)

ZAKHAROV, S.

Steering apparatus of a self-propelled model. Voen. znan. 35 no.9:34 S '59. (MIRA 12:12)
(Ships--Models)

VAAG, L.; ZAKHAROV, S.

Economic evaluation. Vop.ekon. no.7:103-116 Jl '60.
(MIRA 13:5)

(Capital investments)

ZAKHAROV, S., vitse-admiral; BUGROV, V., kapitan 1-go ranga

Victory of the Soviet Armed Forces in the Far East. Komm.
Vooruzh. Sil 46 no.15:28-35 Ag '65. (MIRA 18:9)

ZAKHAROV, S.A., kand. tekhn. nauk

Measurement of the temperature of the working space of an electric furnace using a thermocouple and an electronic potentiometer. Izv. LETI no.52:205-210 '64. (MIRA 18:9)

ZAKHAROV, S. A.

Zakharov, S. A. - "A localLaramie upheaval in the central part of the Tadshik depression," Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 11, 1949, p. 3-5

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

1. ZAKHAROV, S. A.: [illegible], V. I.

2. USSR (600)

4. Tajik Depression - Geology, Stratigraphic

7. Laramie phase of folding in the Tajik Depression. Soob. TFAN SSSR NO. 31, 1951

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

ZAKHAROV, S.A.

Conditions of the structural formation of the Tajik Depression.
Izv.Otd.est.nauk AN Tadzh.SSR no.9:3-13 '55. (MLRA 9:10)

1. Institut geologii AN Tadshikskoy SSR.
(Tajik Depression--Geology, Structural)

ZAKHAROV, S.A.

Relation between the Tajik Depression and the Gissar Range.
Izv.Otd.est.nauk AN Tadzh.SSR no.9:15-20 '55. (MLRA 9:10)

1. Institut geologii AN Tadzhikskoy SSR.
(Tajik Depression--Geology, Structural)
(Gissar Range--Geology, Structural)

ZAKHAROV, S.A.

Manifestation of recent folding in the Tajik Depression. Biul. MOIP. Otd. geol. 30 no.1:49-57 Ja-F '55. (MLRA 8:5)
(Tajik Depression--Folds (Geology)) (Folds (Geology)--Tajik Depression)

ZAKHAROV, S. A.

15-57-1-249

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, p 35 (USSR)

AUTHORS: Baratov, R. B., Zakharov, S. A.

TITLE: Interrelation Between the Pamir and the Southern Tyan'-Shan' (K voprosu o vzaimootnoshenii Pamira i Yuzhnogo Tyan'-Shanya)

PERIODICAL: Izv. otd. yestestv. nauk AN TadzhSSR, 1956, Nr 14, pp 3-11

ABSTRACT: The article contains an investigation of the Vakhsh thrust zone, representing, according to the data given by I. Ye. Gubin in Geologicheskaya Granitsa mezhdu Pamirom i Alayem, 1940. Gosgeolizdat, (Geologic Boundary Between Pamir and Alay, 1940. State Geologic Publications), a geologic border betwer the Pamir and southern Tyan'-Shan'. It notes the great structural significance of this thrust. It further points out

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Interrelation Between the Pamir (Cont.)

that the superimposition of the Cretaceous layer (referred by I. Ye. Gubin to the outer zone of the Pamir) onto the Mesozoic and Cenozoic formations on the foothills of southern Tyan'-Shan' (the frontal zone of the southern Tyan'-Shan', according to I. Ye. Gubin), can be plainly seen along the northern slope of the Peter the First Range in the region of the Dorai-Nazarak, Kuglik and Khodzha-Alisho. This last region is located in the northern foothills of Vakhsh Range and also in the region near the northeastern end of the Surkh-Ku Range (Garm and Obi-Garm regions of the Tadzhik SSR.) The frontal part of the Vakhsh thrust surface is horizontal in the central part of the Petra Pervogo Range, but also produces some distinct local folds. The minimum apparent horizontal displacement along the Vakhsh thrust in the region of Darai-Nazarak and at the northeastern end of the Surkh-Ku Range reaches 3 km, and in the region of Kuglik reaches 4.5 km. The shortening of distance along the thrust between the frontal zone deposits of southern Tyan'-Shan' and the outer zone deposits of the Pamir, (the two zones are different in composition and in thickness) has been noted near

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the villages of Sumbulak (Fayzabad region) and Yaldymich (Garm region). The authors point out that the zone of steep south Gissarskiye faults, separating the Paleozoic deposits of the southern Tyan'-Shan' from the Mesozoic and Cenozoic formation of its southern foothills, is structurally just as significant as the Vakhsh thrust.

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A. V. G.

ZAKHAROV, S.A.

Occurrence of vertical tectonic stresses in the Tajik Depression.
Trudy Akad. Nauk Tadzh. SSR 58:107-120 '56. (MLRA 10:6)
(Tajik Depression--Geology, Structural)

ZAKHAROV, S.A.

Mezostructures of anticlines with curved axis. Trudy AN Tadzh. SSR 77:47-62 '57. (MIRA 11:9)
(Tajik Depression--Folds (Geology))

ZAKHAROV, S.A.

Meanders cut into the slopes of ranges of the Tajik Depression. Trudy Ak Tadsh.SSR 99:19-25 '58.
(MIRA 13:4)
(Tajikistan--Valleys--Geology, Structural)

ZAKHAROV, S. A., Doc Geol-Min Sci -- (diss) "Tectonic development of the Tadzhikskaya Depression in the Mesozoic and the Paleogene." Stalinabad, 1959. 27 pp; (Academy of Sciences Tadzhik SSR, Inst of Geology); 200 copies; price not given; list of author's work at end of text (15 entries); (KL, 24-60, 129)

ZAKHAROV, S.A.

Structure of the Tajik Depression in connection with its prospective petroleum-bearing capacity. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR no.1:99-115 '59. (MIRA 14:8)

1. Institut geologii AN Tadzhikskoy SSR.
(Tajikistan--Petroleum geology)

BARATOV, R.B.; ZAKHAROV, S.A.; MISNIKOV, K.P.; NAZAROV, Kh.N.

B.L. Lichkov, scientist and researcher; on his 70th birthday and the 50th anniversary of his pedagogical activities. Izv. Otd. est. nauk AN Tadzh. SSR no.1:121-132 '59. (MIRA 13:3)
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(Tajikistan--Gas, Natural--Geology)

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Oil and gas formation in the Tajik Depression. Trudy AN Tadzh. SSR 118: 23-51 '59. (MIRA 13:10)

(Tajikistan--Petroleum geology)
(Tajikistan--Gas, Natural--Geology)

ZAKHAROV, S.A., red.; KUKHTIKOV, M.M., red.; GELLER, S.P., tekhn. red.

[Abstracts of reports of the Second All-Union Conference on Tectonics] Tezisy dokladov Vsesoiuznogo tektonicheskogo soveshchaniia. Red. S.A.Zakharov, M.M.Kukhtikov. Dushanbe, AN Tadzhik.SSR, 1962. 113 p. (MIRA 17:4)

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[Problems of the geology of Tajikistan; festschrift for the 23d Session of the Geological Congress in Delhi] Problemy geologii Tadzhikistana; sbornik, posviashchennyi XXII sessii Mezhdunarodnogo geologicheskogo kongressa v Deli. Dushanbe, AN Tadzhik SSR, 1964. 290 p. (MIRA 18:3)

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GERSHTENKERN, S.Ye., inzh.; ZAKHAROV, S.A., inzh.; CHUGUNNYY, Ye.G., inzh.

Book reviews. Lit. proizv. no.11:43-45 N '65. (MIRA 18:12)

L 44601-66 EWT(1)/EWT(m)/EEC(k)-2/T/EWP(k)/EWP(t)/ETI IJP(c) NG/JD/JG

ACC NR: AP6030960 SOURCE CODE: UR/0181/66/008/009/2616/2622

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B

AUTHOR: Basov, N. G.; Yeliseyev, P. G.; Zakharov, S. D.; Zakharov, Yu. P.; Orayevskiy, I. N.; Pinsker, I. Z.; Strakhov, V. P.

ORG: Physics Institute im. P. N. Lebedev, AN SSSR, Moscow (Fizicheskiy institut AN SSSR)

TITLE: Certain properties of GaAs laser diodes

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2616-2622

TOPIC TAGS: solid state laser, semiconductor laser, gallium arsenide, laser, SEMICONDUCTOR DIODE

ABSTRACT: Phenomenological methods were used in an experimental study of certain properties of GaAs laser diodes (loss factor, quantum yield, differential efficiency, gain). The specimens were prepared by the diffusion of zinc into n-type GaAs crystals with electron concentrations of 2×10^{18} cm^{-3}. The cavities consisted of silver mirrors sputtered on polished crystalline surfaces pre-coated with a thin layer of SiO, and the electrical contacts consisted of sputtered metal (Au, Ni, In, Sn) films and fused-in electrodes. The measurements were carried out at 77K and the pulsed output was recorded by a calibrated silicon photodiode. The lowest threshold currents occurred in diodes which were cleaved on all four sides. A threshold current of 25 mamp was attained at the liquid He temperature and at a density of 75 amp/cm^2. C-w operation was observed from diodes with $I_{thr} < 0.5$ amp at 4.2K. The results

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indicate that the transformation of electrical power into optical power occurs with a yield of the order of unity and that the greatest loss is due to absorption in the medium inside the cavity. The loss coefficient for the better diodes was 5—10 cm^{-1} at 77K, a value which had been theoretically predicted elsewhere. The highest differential efficiency at 77K was 67%, although it was much lower in the case of diodes with Fabry-Perot cavities under high threshold current densities and in four-sided diodes with low threshold current densities. The efficiency of the p-n junctions was 0.5—0.55 with a 25% gain, which took into account losses in series resistance. Efficiencies of 60% were achieved in the case of optimal reflectivity and cavity length. The optical gain in the subthreshold region was 3.10^{-2} j cm^{-1}. [YK]
Orig. art. has: 2 tables, 6 figures, and 9 formulas.

SUB CODE: 20/ SUBM DATE: 17Jan66/ ORIG REF: 001/ OTH REF: 009/ ATD PRESS: 5078

Card 2/2 8979

ZAKHAROV, S.F.; GLEBOV, K.K., glavnyy vrach.

Case of exudative pericarditis healed by puncture. Vest.khir. 73 no.3:56 My-Je '53. (MLRA 6:6)

1. Khirurgicheskoye otdeleniye Pervomayskoy pervoy bol'nitsy Odesskoy oblasti. (Pericarditis)

ZAKHAROV, S.F. (Pervomaysk, Odesskaya oblast', Vuzovskaya ul., d.23)

Two cases of cancer in infants. Vest. khir. 74 no.5:83-91-Ag '54.

1. Iz khirurgicheskogo otdeleniya Pervomayskoy I-y bol'nitsy (glavn. vrach K.K.Glebov) Odesskoy oblasti.

(SKIN, neoplasms,
in inf.)
(PAROTID GLAND, neoplasms,
melanoma, in inf.)
(MELANOMA,
parotid gland, in inf.)

ZAKHAROV, S.F.

Perforation of a common ulcer of the small intestine. Khirurgiia no.4:85 Ap '55. (MLRA 8:9)

1. Khirurgicheskoye otdeleniye 1-y bol'nitsy Pervomayska Odesskoy oblasti.
(INTESTINES--ULCERS)

SAVCHENKOV, A.A.; ZAKHAROV, S.G.

The 1341-type turret lathe. Biul.tekh.-ekon.inform. no.1:28-29 '59. (MIRA 12:2)
(Lathes)

ZAKHAROV, S. I.; ZHAGIN, B. P.; SPIRIDOV, F. M.; SPITSYN, V. I.; and BALUKOVA, V. D.; and GROMOV, V. V.

"Sorption regularities in Behavior of Fission Product Elements during Filtration of their Solutions through Grounds."

report presented at the Scientific Conference on the Disposal of Radioactive Wastes, Monaco, 16-21 November 1959

ACC NR: AP6021412 SOURCE CODE: UR/0413/66/000/011/0008/0008

INVENTOR: Zakharov, S. K.; Mal'tsev, B. A.

ORG: None

TITLE: An attachment for a machine tool used for bending bottom flanges. Class 7, No. 182095

SOURCE: Izobreteniya, promyshlennyye obratsy, tovarnyye znaki, no. 11, 1966, 8

TOPIC TAGS: metal bending, metal forming machine tool

ABSTRACT: This Author's Certificate introduces an attachment for a machine tool used for bending bottom flanges in thin walled hollow blanks having the shape of bodies of revolution. This attachment contains bending rollers which move along the axis of the blank, and is equipped with calibration rollers which are set on a common mandrel with the flanging roller. The mandrel moves step-wise along the axis of the blank. The calibration rollers interact with the internal surface of the blank undergoing bending. This is done to produce higher quality flanges with preforming of the bent edge.

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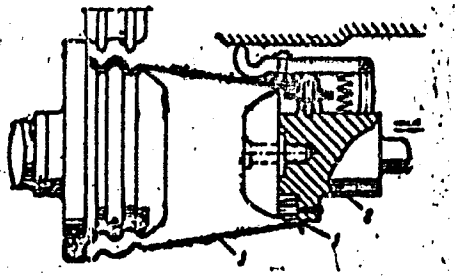
ACC NR: AP6021412



1-calibration roller; 2-mandrel; 3-blank

SUB CODE: 13/ SUBM DATE: 21May62

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ACCESSION NR: AP5022601

UR/0190/65/007/009/1554/1561
678.01:53+678[illegible]8.2

AUTHORS: [illegible]

SOURCE: [illegible]

TOPIC TAGS: [illegible] polymer, [illegible] methacrylate, [illegible], thermomechanical property

ABSTRACT: [illegible] thermomechanical [illegible] properties [illegible] with methacrylic [illegible] methacrylate, or 1,[illegible] [illegible] prepared according to the method described by the authors in an earlier work (Zavodsk. lab., 30, 1399, 1964). Change in elastic deformation of copolymers was observed as a temperature function of the modulus of [illegible]

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