APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Mixed feed industry in the Polish People's Republic. Muk.-elev. prom. 24 no.10:30 O '58. (MIRA 11:12)
(Poland--Feed mills)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Grain-processing machinery at the International Fair in Poznan
Muk.-elev. prom. 27 no.4:31-32 Ap '61. (MIRA 14:7)
(Grain-milling machinery)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Mixed feed production abroad. Muk.-elev. prom. 27 no.7:29 Jl '61. (MIRA 14:7)

(Flour and feed trade)

Approved For Release: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9

TARTAKOVSKIY, M., inzh.

Problem concerning the enrichment of flour with vitamins (from "Przeglad Zbozowo-Mlynarski," no.12 1960). Muk.-elev. prom. 27 no.9:31 S '61. (MIRA 15:2)

(Flour)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Milling equipment at the French National Exhibition in Moscow. Muk.-elev. prom. 27 no.11:30-31 N '61. (MIRA 14:12)

(Moscow--Exhibitions)
(France--Grain-milling machinery)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Flour mill equipment at the 30th International Fair in Poznan.
Muk.-elev. prom. 28 no.1:29 Ja '62. (MIRA 16:7)

(Poznan--Exhibitions)
(Flour mills--Equipment and supplies)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Grain production in Poland during the period 1961-1965 (from "Przeglad Zbozowo-Mlynarski," no.6, 8, 9, and 11 1961). Muk.-elev.prom. 28 no.3:30 Mr '62. (MIRA 15:4)
(Poland--Grain)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Results of the contest for methods of mechanized cleaning of silos. Muk.-elev. prom. 28 no.7:17-19 Jl '62. (MIRA 15:9)

1. V/T Spetselevatormel'stroy.
(Silos—Cleaning)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Research work of the Higher School of Agriculture in Poznań. Muk.-elev. prom. 28 no.8:31 Ag '62. (MIRA 17:2)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

On the world grain market (from "Przeglad zbozowo-mlynarski," nos. 1 - 2, 1962). Muk.-elev. prom. 28 no.10:32 O '62. (MIRA 16:1)
(Grain trade)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Milling equipment at the exhibition of the industrial production of Italian firms in Moscow in 1962. Muk.-elev. prom. 28 no.12: 25-26 D '62. (MIRA 16:1)
(Moscow—Exhibitions) (Grain milling—Exhibitions)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

At the 1962 International Fair in Poznan' (from "Przeglad zbozowo-mlynarski," no.8, 1962). Muk.-elev.prom. 29 no.1:31 Ja '63. (MIRA 16:4)

(Poznan'—Fairs)
(Grain handling machinery—Exhibitions)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

BARDYSHEV, G., inzh.; TARTAKOVSKIY, M., inzh.

Abroad. Muk.-elev. prom. 29 no.2:31-32 F '63. (MIRA 16:8)
(Feeds) (Flour mills) (Grain elevators)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Construction of a new milling combine in Poland. Muk.-elev. prom. 29 no.3:29-30 Mr '63. (MIRA 16:9)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Output and quality of flour in the countries of Western Europe. Muk.-elev. prom. 29 no.4:31 Ap '63. (MIRA 16:7)

(Europe, Western—Flour)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Determining the quantity of mites in grain products. Muk.-elev. prom. 29 no.5:31-32 My '63. (MIRA 16:7)
(Grain—Testing) (Mites)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Improve in every possible way the working conditions. Muk.-elev. prom. 29 no.6:3-6 Je '63. (MIRA 16:7)

1. V/T Spetselevatormel'montazh.
(Grain handling--Hygienic aspects)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Grain production and the building of enterprises for storing and processing grain abroad. Muk.-elev. prom. 29 no.7:29-30 Jl '63. (MIRA 17:1)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

In the People's Republic of Poland. Muk.-elev. prom. 29 no.8:3 of cover Ag '63. (MIRA 17:1)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M., inzh.

Production, storage, processing, and export of grain in various countries. Muk.-elev. prom. 29 no.11:29-31 N '63. (MIRA 17:2)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.,, inzh.

At the 32d International Fair in Poznan. Muk.-elev.prom. 30 no.1: 3 of cover Ja '64. (MIRA 17:3)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.

Results of the competition on safety technique. Muk.-elev. prom. 30 no.3:24-26 Mr '64. (MIRA 17:4)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

SHEVTSOV, V.D., inzh.; TARTAKOVSKIY, M.A., inzh.

Manufacture of stamped ventilation outlets out of roofing steel. Mont. i spets. rab. v stroi. 24 no.9:16-18 S '62. (MIRA 15:9)

1. Trest Spetselevatormel'montazh.
(Ventilation—Equipment and supplies)
(Pipe, Steel)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

LISTRATOV, Anatoliy Andreyevich; MAMUT, Yankel' L'vovich; DENISENKOVA, L.M., red.; TARTAKOVSKIY, M.A., red.

[Asphalt concrete work at enterprises for grain storing and processing] Asfal'tobetonnye raboty na predpriiatiiakh po khraneniiu i pererabotke zerna. Moskva, Zagotizdat, 1962. 37 p. (MIRA 17:2)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

KHVILIVITSKAYA, M.I.; UVERSKAYA, V.T.; TARTAKOVSKIY, M.B. (Leningrad)

Fourteenth All-Union Congress of Therapeutists. Terap.arkh. 29 no.1:83-99 Ja '57. (MIRA 10:12)
(HEART--DISEASES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, Mikhail Borisovich

[Unipolar electrocardiography] Odnopoliusnaia elektrokardiografiia. Leningrad, Medgiz, 1958. 333 p.

(MIRA 13:6)

(ELECTROCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

ARRIGONI, I.M.; TARTAKOVSKIY, M.B.

Electrocardiographic observations in cardiac insufficiency treated by ligation of the external iliac veins. Trudy LSGMI 40:86-93 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).

(VEINS, ILIAC, surgery,
ligation in congestive heart failure ECG (Rus))
(CONGESTIVE HEART FAILURE, surgery,
ligation of iliac veins, ECG (Rus))
(ELECTROCARDIOGRAPHY, in var. dis.
congestive heart failure, after ligation of iliac veins (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.B.

Wilson's central electrode potential and method of taking unipolar leads of the extremities. Trudy LSGMI 40:248-257 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).
(ELECTROCARDIOGRAPHY,
Wilson's central electrode potential size & limb unipolar leads (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.B.

Normal electrocardiogram with increased unipolar leads of the extremities. Trudy LSGMI 40:258-271 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).
(ELECTROCARDIOGRAPHY,
normal in increased unipolar limb leads (R_{us}))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

KISELEVA, L.N.; TARTAKOVSKIY, M.B.

Significance of increased unipolar leads of the extremities in evaluating negative T waves in a third standard lead. Trudy LSGMI 40:272-276 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).
(ELECTROCARDIOGRAPHY,
increased uniplar limb leads in negative T wave in 3rd standard lead (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.B.

Significance of increased unipolar leads from the extremities in the diagnosis of myocardial infarction. Trudy LSGMI 40: 277-283 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).

(ELECTROCARDIOGRAPHY, in var. dis.
myocardial infarct, increased unipolar limb leads (Rus))
(MYOCARDIAL INFARCT, diagnosis,
ECG, increased unipolar limb leads (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARIAKOVSKIY, M.B.

Methods of analysis of vectorcardiograms. Trudy LSGNI 48:323-342 '59. (MIRA 14:3)

(VECTORCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.B.

Normal vectorcardiogram in a system of bipolar thoracic leads.
Trudy LSGNI 48:343-356 '59. (MIRA 14:2)
(VECTORCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

ARRIGONI, I.M.; MINKIN, R.B.; RASPUTIN, A.M.; SOLOV'YEVA, Ye.A.; TARTAKOVSKIY, M.B.

New method for a clinical evaluation of the electrocardiogram (frequency analysis of waves of the ventricular complex). Trudy LSGNI 48:408-433 '59. (MIRA 14:2)
(ELECTROCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

ARRIGONI, I.M.; MINKIN, R.B.; RASPUTIN, A.M.; SOLOV'YEVA, Ye.A.; TARTAKOVSKII, M.B.

Clinical significance of the frequency analysis of the ventricular complex of the electrocardiogram. Trudy LSGNI 48:434-446 '59. (MIRA 14:2)

(ELECTROCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

MINKIN, R.B.; TARTAKOVSKIY, M.B.

Significance of the auricular component in the formation of the first heart sound. Trudy LSGNI 48:507-511 '59. (MIRA 14:2)
(HEART--SOUNDS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.B.

Vectocardiographic diagnosis of hypertrophy of the left ventricle. Terap. arkh. 32 no. 7:29-39 Jl '60. (MIRA 14:1)
(HEART—DISEASES) (VECTOCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M.B.

Phase principle of vectorcardiographic analysis and its use in evaluating the electrical position of the heart. Kardiologiia 2 no.4:64-71 Jl-Ag '62. (MIRA 15:9)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - prof. A.A. Kedrov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(VECTORCARDIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

BUTCHENKO, Lev Alekseyevich, st. nauchnyy sotr., kand. med. nauk; TARTAKOVSKIY, M.B., red.; KHARASH, G.A., tekhn. red.

[Electrocardiography in sports medicine] Elektrokardiografiia v sportivnoi meditsine. Leningrad, Medgiz, 1963. 206 p. (MIRA 16:7)

(ELECTROCARDIOGRAPHY) (SPORTS MEDICINE)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, Mikhail Borisovich; DEMBO, A.G., red.

[Fundamentals of clinical vectorcardiography] Osnovy klinicheskoi vektorkardiografii. Leningrad, Meditsina, 1964. 434 p. (MIRA 17:5)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

ACC NR: AP7000330 SOURCE CODE: UR/0413/66/000/022/0078/0079

INVENTOR: Tartakovskiy, M. B.; Pupko, I. D.; Dolgov, V. K.

ORG: none

TITLE: A device for mass EKG examination of the population. Class 30, No. 188621

SOURCE: Izobreteniya, promyshlennye obraztsy, tovarnyye znaki, no. 22, 1966, 78-79

TOPIC TAGS: electrocardiography, heart rate, cardiovascular syste

ABSTRACT: An Author Certificate has been issued for a device which contains electrodes, biopotential amplifiers, and power sources, and which has units for analyzing the temporary and amplitude relationships of EKG elements, a readout unit, and an automatic electromechanical lead commutator (see Fig. 1). It is designed for the

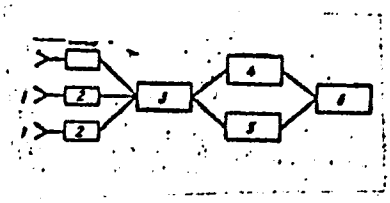


Fig. 1.

1 - Electrodes; 2 - biopotential amplifiers; 3 - electromechanical lead commutator; 4 - unit for analyzing temporary relationships of EKG elements; 5 - unit for analyzing amplitude relationships of EKG elements; 6 - readout unit.

Card 1/2 UDC: 615.471:616.12-073.9

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

ACC NR: AP7000330

automatic evaluation of EKG elements and for signal indication of leviations from selected EKG elements of examined EKG's with respect to normal E 's. A model for analysis of the temporary relationships of EKG elements contai systems for identification of examined EKG intervals, comparison of the exami d intervals with selected normal intervals, and signal indication during deviations of the values to be compared which exceed established values. A model for ana sis of amplitude relationships of EKG elements includes systems for identification nd amplitude comparison (with normal waves) of examined EKG waves, and systems for signal indication during deviations of the values to be compared which e eed established values. A model for signal indication of a deviation of the exam ed EKG elements from the established values and for reduction of the probability f an incorrect result consists of systems of coincidence, systems with different torage capacity, and a signal indicator. A device for automatic commutation of le s and establishment of a certain number of examined EKG cycles on each lead has systems for output of synchronized pulses, a counter of synchronized pul s, and a pitch selector. Orig. art. has: 1 figure. [SW]

SUB CODE: 06/ SUBM DATE: 20Jan64/ ATD PRESS: 5110

Card 2/2

Approved For Release 2002/09/26 : CIA-RDP86-00513R001755020011-9
CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, M. G.

"Exudative Typhus or Fowl Pest," Arkhiv veterin. nauk (Archives of Veterinary Medicine), 34, 642, 1904

Approved For Release 2002/09/26 : CIA-RDP86-00513R001755020011-9

GLEYZER, M.D., inzh.; TARTAKOVSKIY, M.L., inzh.; KHOMYAKOV, K.A., inzh.

Construction of electric power transmission lines in mountainous areas. Elek.sta. 33 no.1:74-76 Ja '62. (MIRA 15:3)
(Electric lines--Overhead)

Approved For Release 2002/09/26 : CIA-RDP86-00513R001755020011-9

TARTAKOVSKIY, N., zasluzhennyy trener UkrSSR

We are preparing for finals. Radio no.3:7 Mr '65. (MIRA 18:6)

CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, N., zasluzhennyy trener UkrSSR

Sportsmen of the Ukraine. Radio no.11:15-16 N '65. (MIRA 18:12)

Approved For Release 2002/09/26 : CIA-RDP86-00513R001755020011-9"

L 33245-66 EEC(k)-2/EWP(k)/EWT(d)/EWT(l)/FBD/T IJP(c) WG

ACC NR: AP6005864 SOURCE CODE: UR/0406/65/001/003/0056/0070

83
B

AUTHOR: Tartakovskiy, P.

ORG: None

TITLE: Synthesis of a light signal receiver during the heterodyning of light

SOURCE: Problemy peredachi informatsii, v. 1, no. 3, 1965, 56-70

TOPIC TAGS: signal processing, light emission, coherent signal, laser application

ABSTRACT: The development of laser technology opens up opportunities for the utilization of coherent light signals for communications and for the location of various objects. The present problem is the optimization of the methods of receiving such signals. The author calculates the statistical voltage characteristics at the output of a photomixer during the heterodyning of fluctuating light signals. In addition to the useful signal and, possibly, the background, the mixer is affected by a sufficiently powerful heterodyne signal; a circuit (filter) serves as a load and it is tuned to the intermediate frequency (between the input and the heterodyne signals). The author finds the optimal method for processing the voltage at the output of the photomixer in the receiver. The method makes it possible to obtain the best characteristics for the detection of weak light signals and to measure the parameters coded in them. An evaluation is made of the potential possibilities of light signal receivers in detection and measurement. Orig. art. has: 73 formulas and 3 figures.

SUB CODE: 17, 20 / SUBM DATE: 19Feb65 / ORIG REF: 004 / OTH REF: 002

UDC 621.391.63

Card 1/1 alg

Approved for Release: September 26, 2002 CIA-RDP86-00513R001755020011-9"

S/124/62/000/005/012/048
D251/D308

AUTHORS: Tartakovs'kyy, P.P., and Putyata, V.Y.

TITLE: Generalization of the theory of the carrier line to the case of a sagittate wing

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 28, abstract 5B139 (Visnyk Kyyivs'k. un-tu, 1960 (1961) no. 3, ser. matem. ta mekhan. no. 1, 44 - 54)

TEXT: An attempt is made to generlize the theory of the carrier line to a sagittate wing by means of the distribution of the connected vortices of the wing on the carrier vortex line and the system of complementary connected vortices perpendicular to the axis of the wing, which permits infinitely great values of the induced velocity close to the carrier vortex. A method is given for calculating the vortex system of the wing, based on the combination of the general vortex theory of a wing of finite span with the theory of a thin profile, and also a method of calculating the complementary aerodynamic forces which arise as a result of the interaction of the complementary connected vortices and the transverse component

Card 1/2

Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

S/124/62/000/005/012/048
D251/D308

Generalization of the theory of ...

of velocity of the current. [Abstractor's note: Complete translation].

Card 2/2

September 26, 2002 CIA-RDP86-00513R001755020011-9"

L 18766-63 EPA(b)/EWT(1)/BDS/ES(v) AEDC/AFFTC/ASD/AFMDC Pd-4/Pe-4

S/0124/63/000/008/B035/B035

ACCESSION NR: AR3006434

65

SOURCE: RZh. Mekhanika, Abs. 8B196

AUTHOR: Tartakovskiy, P. P.; Putyata, V. I.

TITLE: Some aerodynamic problems of a swept wing

CITED SOURCE: Tr. Kuyby*shevsk. aviats. in-t, vy*p. 15, ch. 1, 1962, 3-22

TOPIC TAGS: aerodynamics, swept wing, slip, flow, cross-section lifting line theory

TRANSLATION: After a thorough analysis of the hypothesis of the plane cross section applied to a wing, streamlined with slip, the authors establish the necessity of introducing the supplementary assumptions and constructing a vortex system which takes account of the effect of the induced velocities directed along the axis of the wing; it is shown that the additional pressure arising at the wing with the slip, has a considerable value. Using the methods of the theory of thin profile wings, and the theory of lifting lines, and using certain solutions, obtained by these methods, the authors distribute the velocity along the surface of the wing. Calculation of the force arising on the swept-back wing is given;

Card 1/2

Approved For Release: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
CIA-RDP86-00513R001755020011-9
Approved For Release: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

L 18766-63
ACCESSION NR: AR3006434

estimates are made of the effect of the curvature of the section. The question of the limits of applicability of the theory of lifting lines to the calculation of sweptback wings is considered. It is shown that the complete pressure drop is formed from the pressure drops determined on the basis of the theory of plane cross sections, and the fall of pressure caused by the flow directed along the axis of the wing; in some cases this term is compared with the first (fundamental). At the end of the work, a method is given for determining the distribution of the circulation along the wingspan of the swept wing. Bibl. 5 names. A. I. Borisenko

DATE ACQ: 28Aug63 SUB CODE: AP ENCL: 00

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

[illegible] V. M.; Koglov, N. V.; Derenyuk, Yu. N.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

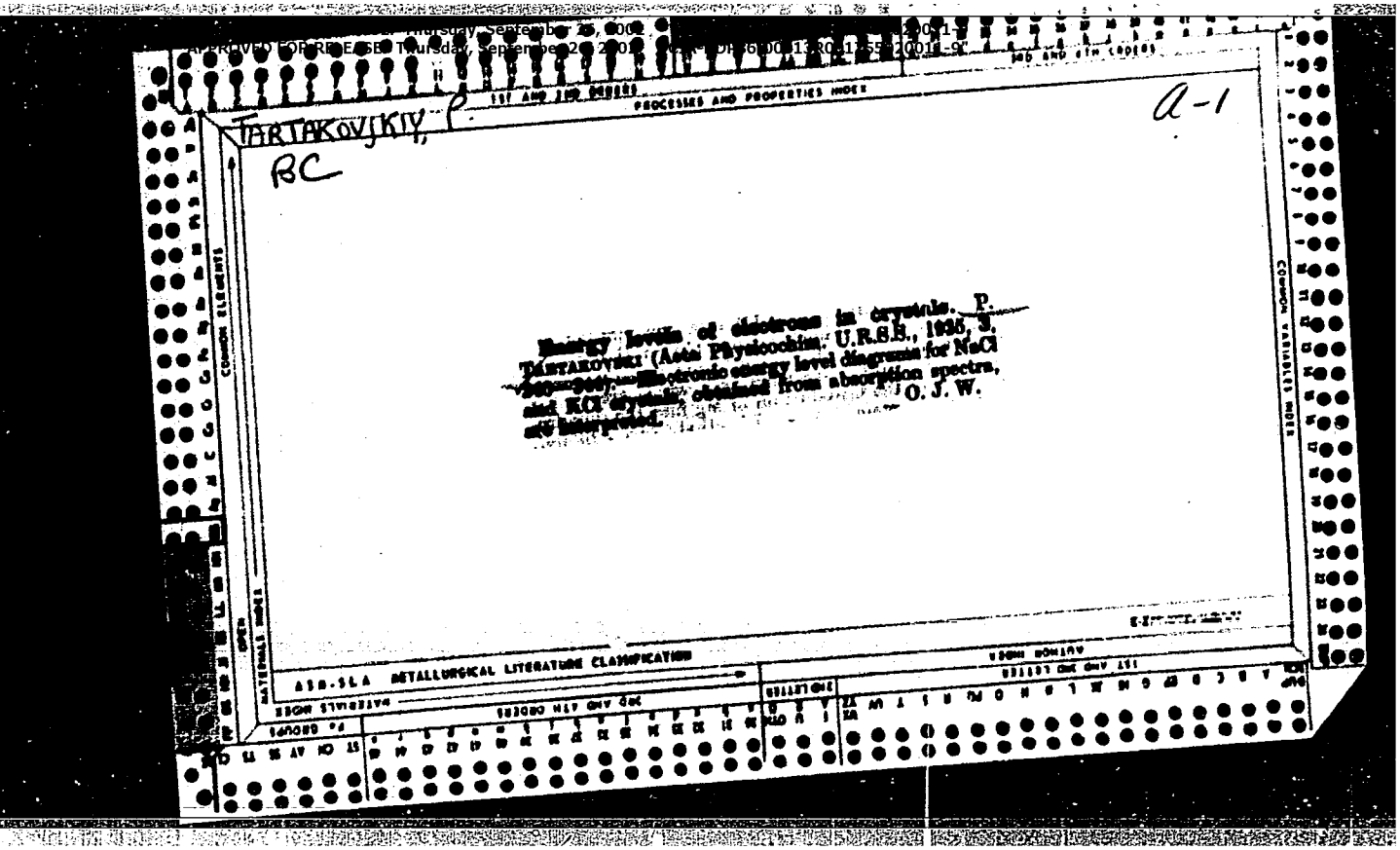
Card 2/2

RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, P. S.

"Inter-Photoeffect and Energy Levels of Electrons in Crystals," Zhur. eksper. i teoret. fiz., No.4, 1934

Approved For Release Thursday, September 28, 2000 CIA-RDP86-00513R001755210011-9



Monday, September 26, 2022

TARTAKOVSKIY, P. S.

CA

4/

Problem of measuring the temperature in a Martin furnace. P. S. Tartakovskii, A. M. Vendorovich, A. K. Krasin and A. P. Yanov. *Zavodskaya Lab.* 4, [illegible] (1935).—Preliminary tests with a benzene-O$_2$ flame showed that there is a direct relation between the temp. and the elec. cond. of a flame. Hence, it is possible to det. the temp. of a flame by measuring the elec. current between electrodes placed in front of a metal rod in the furnace. Chas. Blanc

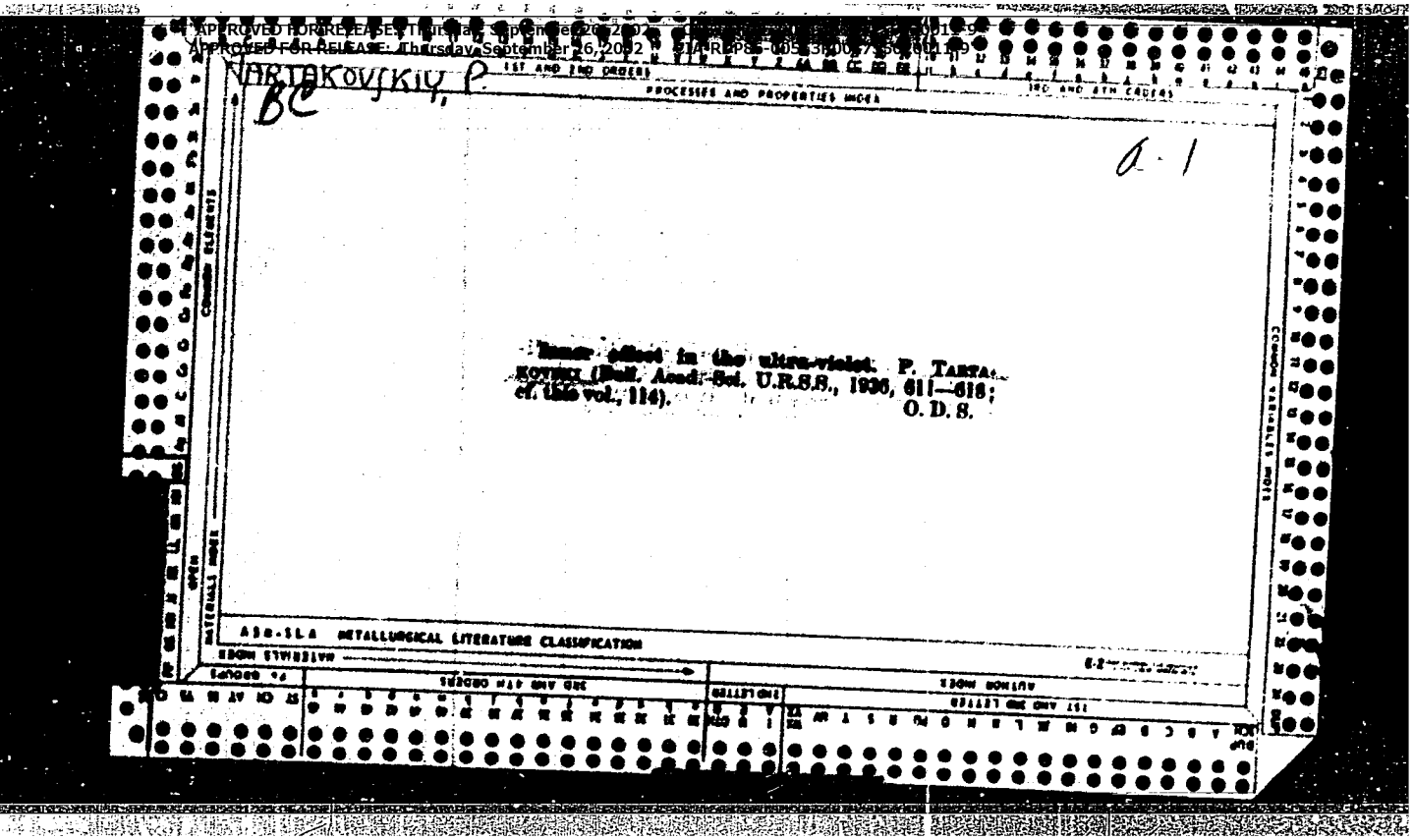
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 [redacted]
APPROVED FOR RELEASE: Thursday, September 26, 2002 [redacted]

TARTAKOVSKIY, P.

BC

1ST AND 2ND ORDERS



PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

a-1

Inner effect in the ultra-violet. P. TARTAKOVSKI (Bull. Acad. Sci. U.R.S.S., 1936, 611—618; cf. this vol., 114).
O. D. S.

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

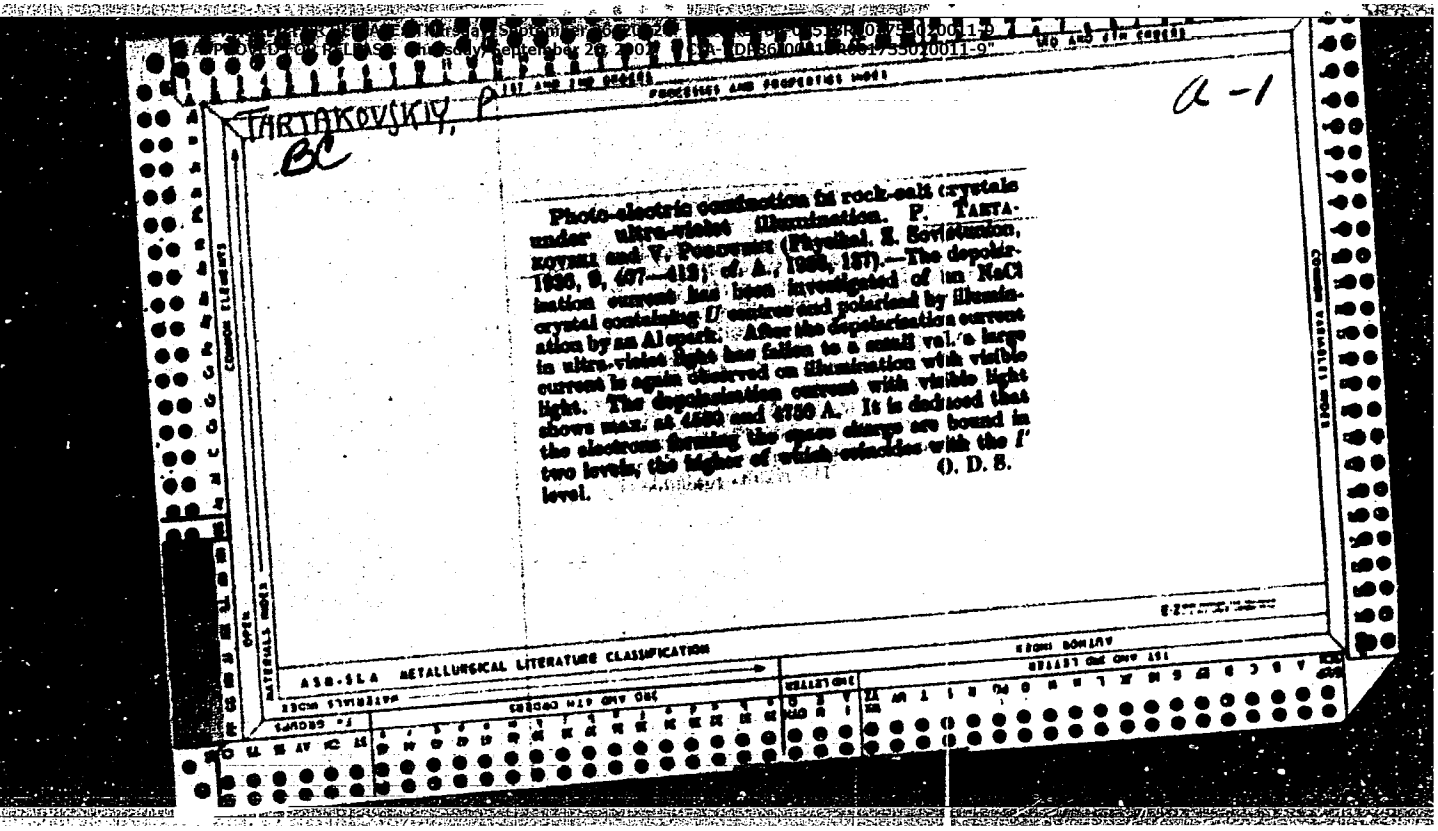
3RD AND 4TH ORDERS

2ND LETTER

AUTHOR INDEX

1ST AND 2ND LETTER

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"



TARTAKOVSKIY, P.

BC

a-1

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

Photo-electric conduction in rock-salt crystals under ultra-violet illumination. P. TARTAKOVSKI and V. PODOVSKI (Physikal. Z. Sovietunion, 1936, 9, 407—412; cf. A., 1936, 137).—The depolarisation current has been investigated of an NaCl crystal containing *U* centres and polarised by illumination by an Al spark. After the depolarisation current in ultra-violet light has fallen to a small val. a large current is again observed on illumination with visible light. The depolarisation current with visible light shows max. at 4500 and 4750 A. It is deduced that the electrons forming the space charge are bound in two levels, the higher of which coincides with the *I'* level.

O. D. S.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

COMMON ELEMENTS

COMMON VARIABLES INDEX

AUTHOR INDEX

1ST AND 2ND LETTER

3RD AND 4TH ORDERS

3RD LETTER

1ST GROUPS

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9

TARTAKOVSKIY P

SA

A 54
C

3838. Electron Shift in the Internal Photo-Effect. P. Tartakovsky. *J. of Exp. and Theor. Physics, U.S.S.R.* 9. 3. pp. 280-283, 1939. *In Russian.*—The internal photo-effect in X-ray irradiated and coloured rock-salt was investigated by the optical probe method; in particular the spectral distribution of the depolarisation current was measured. The question of the mechanism of recombination of the electrons at the end of their paths is discussed. D. S.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, P. S.

"Contribution to the Theory of the Inner Photoeffect in Dielectrics," Zhur. Eksper. i Teoret. Fiz., No.3, 1940

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKII, I.P.S.

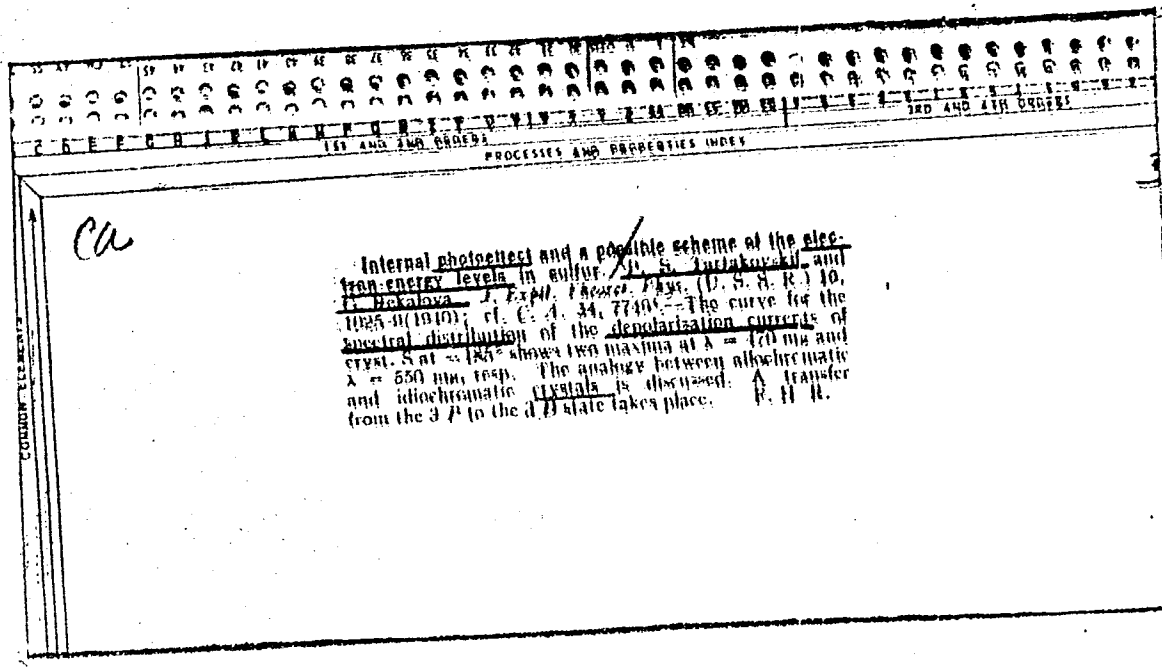
PROCESSES AND PROPERTIES INDEX

Space charges and photoelectric conductivity. I. P. S. Tartakovskii and D. M. Kaminker. *J. Exptl. Theoret. Phys.* (U. S. S. R.) 10, 139-41(1940).—The spectral distribution of the depolarization currents in the additively colored crystals of NaCl and KBr was studied in its dependence on the temp. and the length of the "dark pause." It was established that after a certain distance in the zone of cond., the electrons are captured on the F' level, thus forming space charges. These space charges disperse when the crystal is grounded in darkness or light. The magnitude of the space charge depends on the temp. The polarization is partially due to the ion space charges, the presence of which was proved by the expts. with "dark polarization." The two maxima on the curve of spectral distribution of depolarization current were observed for NaCl, KCl and KBr. II. D. M. Kaminker. *Ibid.* 145-9.—The investigation of the time dependence of the direct and the reverse photocurrents as the function of temp. shows that the process of polarization is due to the appearance of space charges. The space charges appear in the first moment of illumination, when electrons are captured on the F' levels. The number of these F' centers increased with the temp. The number of electrons captured on the F' levels also increases with temp. but on the other hand the speed of relaxation, i. e., transp ition of electrons on the usual F levels increases with temp. The counterplay of these factors leads to the stabilization of the current with the increasing temp. The space charges can also be dispersed in darkness, and the speed of this process depends exponentially on the temp. of the crystal. Roksalana Gamow

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKII, P. S.



Ca

Internal photoeffect and a possible scheme of the electron-energy levels in sulfur. P. S. Tartakovskii and T. Nekalova. *J. Exptl. Theoret. Phys. (U. S. S. R.)* 10, 1025-31(1940); cf. *C. A.* 34, 7740.—The curve for the spectral distribution of the depolarization currents of cryst. S at −185° shows two maxima at λ = 470 mμ and λ = 550 mμ, resp. The analogy between allochromatic and idiochromatic crystals is discussed. ↑ transfer from the 3 P to the d D state takes place. F. H. H.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, P. S.

"Photoeffect in Crystals," Advances in Physics, pp. 3-22, 1947

Siberian Physico-Technical Inst. (SFTI), Tomsk

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, R. N.

"Calculation of Rail Bending in the Vertical Plane Considering the Dynamic Elasticity of the Bed." Cand Tech Sci, Moscow Inst of Railroad Transport Engineers, Moscow, 1954. (RZhMekh, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Instiutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

DMITRIK, R.S.; IVASHCHENKO, N.F.; TARTAKOVSKIY, R.N., kand.tekhn.nauk (st.Kazatin, Yugo-Zapadnoy dorogi)

Equipment of tie repair shops needs to be modernized. Put' i put. khoz. 5 no.3:26 Mr '61. (MIRA 14:3)

1. Nachal'nik shpaloremontnykh masterskikh, stantsiya Kazatin, Yugo-Zapadnoy dorogi (for Dmitrik). 2. Nachal'nik Putevoy dorozhnoy mashinnoy stantsii, st.Kazatin, Yugo-Zapadnoy dorogi (for Ivashchenko).
(Railroads--Ties)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

LAYKO, N.V.; TARTAKOVSKIY, R.N., kand.tekhn.nauk (g.Gomel'); SLAVIKOVSKIY, N.A.; BARANOV, G.G.

From practices of the maintenance of a continuous track. Put' i put.khoz. 5 no.12:12-15 D '61. (MIRA 15:1)

1. Zamestitel' nachal'nika distantsii puti, st. Molodechno, Belorusskoy dorogi (for Layko). 2. Zamestitel' nachal'nika Moskovsko-Kurskoy distantsii (for Slavikovskiy). 3. Starshiy dorozhnyy master Moskovsko-Kurskoy distantsii (for Baranov).
(Railroads--Track)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

PETRUKOVICH, A.A., kand.tekhn.nauk (Gomel'); TARTAKOVSKIY, R.N., kand.-tekhn.nauk (Gomel'); SMYKOV, Ye.K., kand.tekhn.nauk (Gomel'); LIPSKIY, M.V., dotsent (Gomel'); LIZOGUB, I.G., starshiy prepodavatel' (Gomel'); GANKEVICH, V.I. (Gomel'); PETROV, A.G. (Gomel'); ANAMENSKIY, P.I. (Gomel')

"The railroad track" by G.M.Shakhuniants. Reviewed by A.A. Petrukovich and others. Zhel.dor.transp. 44 no.4:95-96 Ap '62. (MIRA 15:4)

1. Zamestitel' nachal'nika Belorusskoy dorogi (for Gankevich).
2. Nachal'nik sluzhby puti Belorusskoy dorogi (for Petrov).
3. Glavnyy inzh. sluzhby puti Belorusskoy dorogi (for Znamenskiy).

(Railroads--Track)
(Shakhuniants, G. M.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

Ueber die Lösung der unbestimmten Gleichung $x^{2n} - py^{2n} = 1$. Kiev, zap. fiz.-matem. otd. an USSR, 1:2 (1924), 39-43.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

IVOVSKIY, V. A.

Auflösung der Gleichung $x^4 - py^4 = 1$. Ian (6), 20 (1926), 301-324.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKII, V. A.

Expression pour le nombre de représentations d'un nombre par une forme quadratique positive à plus de trois varaibles. C. R. Acad. Sci., 186 (1928), 1337-1340.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

La détermination de totalité des nombres représentables par une forme quadratique positive à plus de quatre variables. C. R. Acad. Sci., 186 (1928), 1401-1403.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

La détermination de totalité des nombres représentables par une forme quadratique positive quaternaires. C. R. Acad. Sci., 186 (1928), 1684-1687.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V. A.

Die Gesamtheit der Zahlen, die durch eine positive Quadratischeform $F(x_1, x_2, \ldots\ldots x_n)$ darstellbar sind. IAN, ser. fiz.-matem. (1929), 111-122.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

MARKOVSKIY, V. A.

Die Gesamtheit der Zahlen, die durch eine positive Quadratischeform $F(x_1, x_2, \ldots, x_n)$ darstellbar sind. IAN. ser. fiz.-matem. (1929), 165-196.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

Sur la représentation d'un système de nombres par un système de formes quadratiques additives positives. C. R. Acad. Sci., 192 (1931), 907-910.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

La totalité des nombres représentables par une forme indéfinie générale quadratique ou cubique. C. R. Acad. Sci., 192 (1931), 1072-1075.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

Die assymptotische Gesetze des «allgemeinen» Diophantischen Analise mit vielen Unbekannten. Ian, ser. fiz.-matem. (1935), 483.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

O nekotorykh summakh tipa Viggo Brun'a. Dan 23 (1939), 122-126.

SO: Mathematics in the USSR, 1917-1947
edited b Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V.

"Process of Extinction," Dokl. AN SSSR, 58, No.8, 1947

Sci. Res. Inst. Math. and Mech., Leningrad State U.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V.A.

Vandermonde's generalized theorem. Uch. zap. LGU no.96:189-196 '48. (MLRA 10:8)

(Matrices)

CIA-RDP86-00513R001755020011-9

CTRSPL No. 45

Tartakovski, V.A.
The sieve method in group theory
Matematicheskii Sbornik (N.S.) 25 (67). 3-50 (1949)

Akademiya Nauk S.S.S.R., Doklady Vol. 79 No.

Trans. Available at Brookhaven Nat. Lab.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

GTiSIL No. 45

Lartakovskii, V. A.
Solution of the word problem for groups with a k-reduced basis for k>6
Izvestiya Akademii Nauk, Seriya Matematicheskaya 13, 481-94 (1949)

Akademiya Nauk S.S.S.R., Doklady Vol. 79 No.

Trans. Available at Brookhaven Natl. Lab.

CIA-RDP86-00513R001755020011-9
FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

GTRSPL No. 45

Tartakovski, V.A.
Application of the sieve method to the solution of the word problem for certain types of groups
Matematicheskii Sbornik (N.S.) 25 (67), 351-74 (1949)

Akademiya Nauk S.S.S.R., Doklady Vol. 79 No.

Trans. Available at Brookhaven Natl. Lab.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V. [A.]

"Explicit Formulae for Local Development of Solutions of a System of Ordinary Differential Equations", DAN 72, 633-636 (1950).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V.A.

Mathematical Reviews
Vol. 15 No. 1
Jan. 1954
Analysis

7-13-54
LL

Tartakovskiĭ, V. A. **Explicit formulas for the solution of systems of ordinary differential equations.** Ukrain. Mat. Žurnal 3, 128–160 (1951). (Russian)

In two earlier notes [Doklady Akad. Nauk SSSR (N.S.) 72, 633–636, 853–856 (1950); these Rev. 12, 27, 180] the author announced and slightly elaborated his new approach to the solution of the n-dimensional analytical system $\dot{x}=f(x)$ by infinite vectors and matrices. In this paper this work is elaborated at length. In particular, the Cauchy existence theorem is dispensed with and is obtained by means of direct estimates. [Additional reference: Lappo-Danilevskiĭ, Theory of functions of matrices . . . GTII, Moscow, 1934.] *S. Lefschetz* (Princeton, N. J.).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V. A.

PA 241T83

USSR/Mathematics - Invariants Jan/Feb 53

"N. V. Yefimov's $\bar{N}$-Invariants From the Theory of Bending of Surfaces," V. A. Tartakovskiy, Leningrad

"Matemat Sbor" Vol 32 (74), No 1, pp 225-248

N. V. Yefimov (ibid. 1939-1946; Uspekhi Matemat Nauk, Vol III, No 2 (24) (1948)) studied the flexibility and inflexibility "in the small" of a part of an analytical surface around its point of depression. In this article the author establishes a related theorem concerning the set of all points of the space of coeffs of n th-degree forms which represent special forms. Submitted 9 May 52.

241T83

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

TARTAKOVSKIY, V.A.

The spectrum of the matrix of differentiation at a point of stationarity (with summary in English). Vest. LGU 12 no.7: 52-67 '57. (MLRA 10:5)
(Differential equations, Linear) (Matrices)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9"

SOV/124-58-5-5021

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 11 (USSR)

AUTHORS: Tartakovskiy, V.A., Gofman, S.I.

TITLE: On the Operating Precision of Flexible-belt Transmissions (O tochnosti peredach uprugoy lentoy)

PERIODICAL: Teoriya i raschet elementov priborov tochnoy mekhaniki. Moscow-Leningrad, Mashgiz, 1957, pp 19-38

ABSTRACT: Examination is made of the transmission of a rotational motion by a nonstretchable belt via pulleys of radius R between two parallel shafts. A theoretical analysis is made of the effect of the elasticity (during flexure of the belt) on the variation in the angle of lag δ (between the driven shaft and the drive shaft) as a result of increasing the tensile force P in the belt in proportion to the increase of the resistance on the driven shaft. The approximate formula

$$\delta = \frac{\sqrt{(EI)^3}}{6R^3}\left(\frac{1}{\sqrt{P_2^3}} - \frac{1}{\sqrt{P_1^3}}\right)$$

Card 1/2