

ABDULAYEV, A.A.

Behavior of germanium junction triodes subjected to high dissipated power. Part 1. Poluprov.prib. 1 kh prim. no.3:333-350 '58.

(MIRA 12:4)

(Transistors)

Abdulajey, A.A.

TRANSISTOR EXPLOITATION 80V/1034

Rukhovichovye pribory i ih primeneniye; sbornik statey, 77p. N. (Semiconductor Devices and Their Application) Collection of Articles, No. 4) Moscow, Izdatel'stvo "Svyetlaye radio", 1960. 421 p. Krieva slip insered. No. of copies printed not given.

21. (Title page) Yu. A. Padoev, Ed. (Inside book); I. M. Volkov; Sob. Ed.: A. A. Sviridov; Editor: V. A. Padoev (Sov. Ed.); E. A. Burbanov, L. G. Sviridov, A. M. Bryzda, Ye. L. Galperin (Soviet Rep. Ed.), Yu. A. Kuznetsov, S. V. Kuvshinov, A. V. Kravtsov, A. A. Kulikovskiy, I. Z. Nikolayevskiy, N. A. Padoev, and I. P. Stepanov.

22. This collection of articles is for technicians and scientists working in the field of semiconductor.

23. These articles cover the following problems: physical processes occurring in semiconductor diodes and transistors; transistor parameters and methods and instruments for measuring them; special features of nonlinear operation in amplifying and oscillating circuits; and circuits and systems utilizing transistors. Several articles mention parametrics. References accompany most articles.

24. Methods of Measuring Radio Frequency Transistor Parameters by Parameters of an Equivalent Circuit. The author characterizes frequency properties of non-drift transistors by parameters of an equivalent circuit.

25. Measurement of Cutoff Frequency in the 20-300 mc Band. The method of measuring current amplification cutoff frequency in the 20-300 mc band for transistors in grounded base circuits is examined.

26. National System of Static Transistor Parameters. The proposed system of junction transistor parameters permits simplification of a number of amplifier stage calcul.

27. Junction Transistor Equivalent Circuit For High-Frequency Voltage. The relationship between the parameters of a junction transistor in a shaped equivalent circuit having a grounded emitter, and the collector and the base voltage at the band of frequencies is examined. Equivalent transistor parameters with high sinusoidal voltage at the transistor input and output are calculated.

28. Investigation of Threshold Operating Conditions of Type BC-25 Junction Diodes. Methods of determining germanium junction diodes are proposed and the conditions for their reliable over-driving of BC-254 and BC-257 type diodes and their electric operating parameters is established.

29. Behavior of Germanium Junction Transistors at High-Frequency. Results of investigation of junction transistors in a circuit with a grounded emitter are given.

30. Method of Selecting High-Power Transistors For Operation in Push-Pull Circuit. The conditions according to which transistor pairs should be selected for operation in a push-pull circuit with a common active load, without special balancing, is explained. The transistors selected should give minimum nonlinear distortions and maximum output.

31. Nonlinear Distortions in Junction Transistor Amplifiers. Nonlinear properties of junction transistors are briefly examined and the analytical expressions for distortion harmonics are established. A calculation is given of typical features of nonlinear distortions at high frequencies. There is an evaluation of nonlinear distortions in push-pull feedback amplifiers.

32. Stability and Amplification of Push-Contact Transistors with Grounded Base and Common Collector. Dependence of stability limits on external impedance is investigated. Formulas for calculating stability and amplification of circuits with grounded emitter and collector are given.

33. Amplifier Stage Input Impedance of a Ground Junction Transistor. Equivalent circuit is obtained for the amplifier stage input circuit of a germanium junction transistor connected with a circuit having a grounded base, emitter, and collector.

27640
S/194/61/000/002/029/039
D216/D302

9.4310

AUTHOR: Abdulayev, A.A.

TITLE: Performance of germanium junction transistors at high power levels (Part II)

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 2, 1961, 18, abstract 2 D139 (V sb. Poluprovodnik pribory i ikh primeneniye, no.2, M., Sov. radio, 1960, 191-201)

TEXT: Results are given of measuring the breakdown U_{BH} (PN) collector-emitter voltage as a function of collector current of samples of transistor triodes type П6А (P6A) and П3В (P3V) (the breakdown voltage is the voltage at which $\frac{\Delta i_c}{\Delta u_c} \rightarrow \infty$). The character of this dependence is the same as that for the common base configuration. The breakdown collector voltage has been analyzed as a function of the resistance in the input circuit of the transistor triode. with
Card 1/2

Performance of germanium junction...

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D216/D302

the decrease of the d.c. input resistance the breakdown collector voltage increases but remains always smaller than that of the common base configuration. The ambient temperature dependence of the breakdown collector voltage is given. The behavior of the breakdown voltage has been analyzed as a function of the input d.c. resistance and of the reverse bias at the input. With increasing reverse bias at the input the collector breakdown voltage goes through a maximum. With the increase of the d.c. input resistance (in the absence of reverse bias) the collector breakdown voltage decreases. The increase of the collector breakdown voltage and of the maximum allowable ambient in case of a small reverse bias is explained by the extraction of the charge carriers from the base region. The results obtained are discussed. 2 references. For part I see the TZhE, 1960, no. 3, 51067.

Card 2/2

ABDULAYEV, A.A.

Result of planning general automatic control in the oil
enterprises of Azerbaijan. Neft. zhos. 38 no.7:1-10 J1 '60
(MIRA 14:10)
(Azerbaijan—Oil fields—Production methods)
(Automatic control)

ABDULAYEV, A. A.

Cand Tech Sci - (diss) "Relationship of internal overheating in semiconductor devices with electrical working conditions and circuit parameters." Baku, 1961. 17 pp; (Committee of Higher and Secondary Specialist Education of the Council of Ministers Azerbaydzhan SSR, Azerbaydzhan Order of Labor Red Banner Inst of Petroleum and Chemistry imeni M. Azizbekov); 250 copies; free; list of author's works at end of text (12 entries); (KL, 6-61 sup, 212)

ABDULAYEV, A.A., kand.tekhn.nauk

Operation of semiconductor diodes in rectifier networks. Vest.
elektroprøm. 34 no.4:62-65 Ap '63. (MIRA 16:10)

ABDULAYEV, A.A.

Temperature effect on the thermal resistance of a p - n-junction.
Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk no.6:67-71 '63.
(MIRA 17:3)

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11

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ABSTRACT: The thermal processes in a semi-crystalline polymer are theoretically
... ..

... .. of 500

Card 1/2

CONFIDENTIAL

the average junction temperature. In the general case, the junction temperature
is determined by the average power dissipation and the thermal resistance.

Institute of Electrotechnical Industry)

SUBMITTED: 28 Oct 63

ENCL: 10

OTHER: 100

FILE NR: AF6010417

SWI(m)/EWP(t)/EWA(h) IJP(c) JD

AUTHOR: Abdulayev, A. A.; Shakhnazarov, A. S.

SOURCE CODE: UR/0423/66/000/001/0001/0003

ORG: Azerbaydzhan Scientific Research Institute of the Electrical Engineering Industry (Azerbaydzhanskiy nauchno-issledovatel'skiy institut elektrotekhnicheskoy promyshlennosti)

TITLE: Investigation of silicon controlled rectifiers in pulse duration modulation conditions

SOURCE: Za tekhnicheskoy progress, no. 1, 1966, 1-3

TOPIC TAGS: silicon controlled rectifier, pulse duration modulation, transistorized circuit

ABSTRACT: The authors consider a possible circuit for extending the use of transistors in power output stages. The basic element of this circuit is a silicon controlled rectifier shunted by a transistor (see figure). The rectifier and transistor are un gated in the initial state when there are no control signals fed to the control electrode of the diode and the base of the transistor. When a positive pulse is fed to the control electrode of rectifier 1, there is an avalanche transition from the closed to the open state which lasts until a negative pulse to the base of transistor 2 triggers this element. The low internal resistance of the transistor shunts the diode

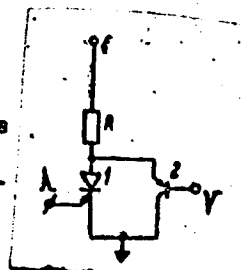
Card 1/2

UDC: 621.382.3 : 546.28 : 621.376

L 24619-66

ACC NR: AP6010417

and limits the current flowing through it. When the current through the diode falls below a certain point, the rectifier reverts to the closed state and the cycle repeats itself. The advantages of a controlled rectifier over transistors in this type of circuit are discussed. Experiments are conducted to determine the feasibility of using this circuit in pdc conditions. It is found that this circuit may be used with this type of modulation to generate comparatively powerful pulses, thus extending the use of silicon controlled rectifiers. Orig. art. has: 3 figures.



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SUB CODE: 09/

SUBM DATE: 00/

ORIG REF: 002/

OTH REF: 000

Coid 2/2

L 06123-67 EWT(1)

ACC NR: AP6022905

SOURCE CODE: UR/0292/66/000/004/0025/0026

AUTHOR: Abdulayev, A. A. (Candidate of technical sciences); Pogudin, A. I. (Candidate of technical sciences)

ORG: none

TITLE: Semiconductor power rectifiers operated at higher frequencies

SOURCE: Elektrotehnika, no. 4, 1966, 25-26

TOPIC TAGS: semiconductor rectifier, power rectifier, silicon rectifier

ABSTRACT: Experimental I-V characteristics (forward branches) of D-303, VG-10-30, VG-50-30, VG-50-50, PVK-100, and VK-200 power diodes operated at frequencies 100--5000 cps are reported. It is found that the rectifying properties of the diodes deteriorate with higher (particularly 1000 cps and over) frequencies; heavier currents make the rectifying characteristics still worse. The rectifying characteristics of diodes belonging to one group have considerable spread. Orig. art. has: 4 figures.

SUB CODE: 09 / SUBM DATE: none

Card 1/1 LC

UDC: 621.382.0.001

L 04680-67 EWT(D)/EWT(M)/EWP(V)/T/EWP(E)/E TI/EWF(F)/EWP(R)/EWF(I) J9/UM

ACC NR: AR6020943

SOURCE CODE: UR/0137/66/000/002/E029/E029

AUTHOR: Abdullayev, A. A.; Kornev, T. N.; Mekhtiyev, R. A.; Sutovskiy, P. M. 46

TITLE: Experimental machine for welding compressed gas cylinders by means of an electric arc rotating in a magnetic field 13

SOURCE: Ref. zh. Metallurg, Abs. 2E219

REF SOURCE: Tr. Azerb. n.-i. in-ta neft. mashinostr., vyp. 3, 1965, 340-351

TOPIC TAGS: arc welding, welding equipment

TRANSLATION: The experimental machine was developed for arc welding in a magnetic field. The machine is intended for the welding of various joints in petroleum industry machinery and consists of the following basic components: right and left clamping devices mounted on guide frames. A description of the construction and operation of the machine is presented. F. Fomenko.

SUB CODE: 13,11

UDC: 621.791.75.037:624.074.7

Card 1/1

fv

ABDULAYEV, P. (Sci. Corr.); YURGENSON, R. I. (Cand. Tech. Sci.);
SHCHUKIN, B. K. (Cand. Tech. Sci.); OSTIANU, V. M. (Sci. Corr.)

"Construction of telemechanical signals."

paper read at the Session of the Acad. Sci. USSR, on Scientific Problems of Automatic Production, 15-20 October 1956.

Automatika i telemekhanika, No. 2, 1957, p. 182-192.

9015: 29

ABDULAYEV, D., LOBANOV, Ye. M.

"On the Question of Determining the Composition of 2- and 3-Component Mixtures by Scattering of Beta-Rays"

paper presented at the All-Union Seminar of the Application of Radioactive Isotopes in Measurements and Instrument Building, Frunze (Kirgiz SSR), June 1961)

So: Atomnaya Energiya, Vol 11, No 5, Nov 61, pp 468-470

ISAZADE, Gasan Musa; ABDULAYEV, Dzh., prof., red.; TIL'MAN, A., red.;
MIRDZHAFAROV, A.M. tekhn. red.

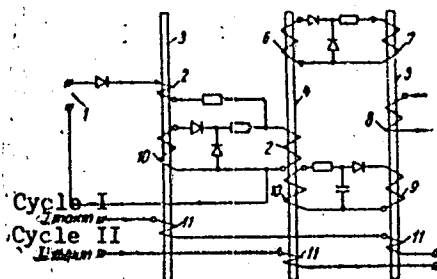
[State of hemodynamics and metabolic processes in cerebral
manifestations of hypertension] Sostoianie gemodinamiki i
obmennykh protsessov pri mozgovykh proiavleniakh giperto-
nicheskoj bolezni. Baku, Azeruchpedgiz, 1963. 185 p.
(MIRA 17:4)

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L 24716-66 EWT(d)/EWT(1)/EWP(1)/EWA(b) IJP(c) BB/GG
ACC NR: AP6009908 SOURCE CODE: UR/0413/66/000/004/0105/0106
INVENTOR: Abdullayev, D. A.; Zakharov, Ya. V.; Zhuravlev, V. M. 42
ORG: none 13
TITLE: A device for asynchronous ²⁵triggering ¹⁶⁰of shift registers. Class 42, No. 179093
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 105-106
TOPIC TAGS: shift register, trigger circuit, computer component
ABSTRACT: This Author's Certificate introduces a device for asynchronous triggering of shift registers. The unit is based on a two-cycle ferrite-diode shift register which contains three ferrite cores with control windings, as well as input and output windings connected by coupling circuits. The device also contains a blocking circuit connected between the input of the second core and the output of the third core. An isolated synchronous pulse is generated over a wide range of trigger pulse durations by connecting the recording winding of the second core in series with the trigger circuit. 2
Card 1/2 UDC: 681.142.07

L 24716-66

ACC NR: AP6009908



1 - input; 2 - input winding; 3-5 - cores; 6 - blocking winding; 7 - feedback winding; 8 - output winding of core 5; 9 - input winding of core 5; 10 - output windings of cores 3 and 4; 11 - control winding for the corresponding core.

SUB CODE: 09/ SUBM DATE: 28Jul63/ ORIG REF: 000/ OTH REF: 000

Card 2/2 *W*

USSR/General Problems of Pathology - Tumors. Comparative Oncology. U
Human Neoplasms.

Abs Jour : Ref Zhur Biol., No 1, 1959, 4233

Author : Abdulayev, D.M., Shcherbitskaya, L.A.

Inst : Azerbaydzhan Scientific Research Institute of Blood
Transfusion.

Title : The State of Hemodynamics in Leukoses

Orig Pub : Sb. nauchn. tr. Azerb. n.-i. in-ta perelivaniya krovi,
1957, vyp. 3, 38-44

Abstract : A dynamic study of the condition of the cardiovascular
system in 17 patients with acute leukosis (AL) and in
43 patients with chronic leukosis (CL) demonstrated that
extrasystolic arrhythmia was noted only in isolated ca-
ses. The maximal and minimal arterial pressure was low-
ered, particularly in patients with AL. A decrease of

Card 1/2

- 39 -

USSR/General Problems of Pathology - Tumors. Comparative
Oncology. Human Neoplasms.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4233

the pulse pressure resulting from some increase of the minimal pressure was observed during the terminal period of AL in part of the cases. The venous pressure was within normal limits in the beginning of the illness in patients with CL and in patients with AL it was lower. As the disease progressed the venous pressure decreased in both forms of leukosis. The decreased venous pressure gradually increased during the terminal period of the disease in 9 out of 17 patients with AL, reaching high values in some cases. The velocity of the blood circulation was slowed down during the terminal period of the disease in 7 out of 17 with AL. The EKG data in the majority of patients with AL showed marked dystrophic changes of the myocardium; these changes were less marked in patients with CL. -- R.P. Zolotnitskaya.

Card 2/2

ABDULAYEV, D. M.

"Changes in the Bone Marrow Due to Typhus Recurrence," Klin. Med., 26, No.6,
1948.

2nd Hosp. Therapeutic Clinic, Azerbaydzhan Med. Inst.

~~ABDULAYEV, D.M.~~
~~ABDULAYEV, D.M.~~

ABDULAYEV, D.M.

The CSF in comatose malaria patients Klin. Med., Mosk 1950, 28/8 (67-68) Tables 1
Considerable changes in the CSF of 27 cases were found. An increased pressure, probably
due to changes in capillary permeability, some increase in the sugar content and a
significant lowering in alkalinity of the fluid were the main characteristics. No
increase in albumen nor in the number of cellular elements was seen. Anigstein-Galveston
(XX, 6, 7, 8)

SO: Neurology & Psychiatry July-Dec. 1951 4.2.

ABDULAYEV, D.N.

Morphology of bone marrow puncture in malaria-soma. Ter. arkh., Moskva
24 no. 5:77-81 Sept-Oct 1952. (GIML 23:3)

1. Professor. 2. Of the Second Hospital Therapeutic Clinic (Head--
Prof. D. N. Abdulayev, Honored Worker in Science), Azerbaijan
Medical Institute.

ABDULAYEV, D.M.

OLYUZMAN, M.A., dotsent (Baku); IBRAGIMBEKOV, I.B., zasluzhennyy vrach Azerbaydshanskoy SSR, direktor; ABDULAYEV, D.M., professor, nauchnyy rukovoditel' klinicheskogo otdeleniya.

Pathomorphologic changes of the endocrine glands in peptic ulcer. Klin.med. 31 no.8:92-93 Ag '53. (MLRA 6:11)

1. Azerbaydshanskiy nauchno-issledovatel'skiy institut perelivaniya krovi. (Ulcers) (Glands, Ductless--Diseases)

ABDULAYEV, D.M.

USSR/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17469

Author : Abdulayev, D.M., Akhundova, A.M., Ter-Mkrtycheva, O.Kh.,
Shcherbitskaya, L.A.

Inst : -

Title : The Treatment of Leukemias According to the Data of the
Clinico-Hematologic Department of AZIK.

Orig Pub : Sb. nauchn. tr. Azerb. n.-i. in-ta perelivaniya krovi,
1957, vyp. 3, 18-37.

Abstract : No abstract.

Card 1/1

ABDULAYEV, D.M.

~~KERIMOV, D.M.~~ zasluzhenny deyatel' nauki, prof., IRANI, M., kand.med.nauk
~~KERIMOV, S.~~

Dynamics of cardiovascular diseases and prophylactic measures.
Azerb.med.zhur. no.2:63-68 F '58 (MIRA 11:12)

1. Iz gspital'noy terapevticheskoy kliniki (russkogo sektora)
(sav. - zaslyzhenny deyatel' nauki, prof. D.M. Abdulayev)
Azerbaydzhanskogo gosudarstvennogo meditsinskogo instituta im.
N. Narimanova (direktor - zasluzhenny deyatel' nauki, prof. B.A.
Eyvasov).

(CARDIOVASCULAR SYSTEM--DISEASES)

ABDULLAYEV, D.M., prof., AKHUNDOVA, A.M., kand.med.nauk, MIRZAMAMEDOVA, S.P.

Comparative evaluation of different methods for treating peptic ulcer.
Azerb.med.zhur. no.6:86-90 Je '58 (MIRA 11:7)

1. Iz kliniko-gematologicheskogo otdeleniya (zav. zasluzhenny
deyatel' nauki prof. D.M. Abdullayev) Azerbaydzhanskogo nauchno-
issledovatel'skogo instituta perelivaniya krovi (direktor - dots.
G.A. Guseynov).
(PEPTIC ULCER)

~~ABDULLAYEV~~, D.M., prof., SHERBITSKAYA, L.A.

Effect of blood transfusion on the functional state of the liver
in splenhepatomegaly. Azerb.med.zhur. no.9:45-50 '58 (MIRA 11:11)

1. Iz kliniko-gematologicheskogo otdeleniya (zav. - zaslyzhenyy
deyatel'nauki prof. D.M. Abdullayev) Azerbaydzhanskogo instituta
perelivaniya krovi (direktor - dots. G.A. Guseynov).

(BLOOD--TRANSFUSION)

(LIVER)

ABDULAYEV, D.M., prof., ABDULAYEVA-PANOVA, M.B., kand.med.nauk

Conditions of blood circulation and peripheral blood in petroleum refinery workers in Baku. Azerb.med.zhur. no.12:66-70 D '58

(MIRA 12:1)

1. Iz kafedry gosspital'noy terapii russkogo sektora (zav. saslyzhennyy deyatel'nauki, prof. D.M. Abdulayev) Azerbaydzhanskgo gosudarstvennogo meditsinskogo instituta im. N.Narimanova. (direktor - saslyzhennyy deyatel' nauki prof. B.A. Eyvazov).

(BLOOD)

(BAKU--PETROLEUM WORKERS--DISEASES AND HYGIENE)

KFENDIYEV, F.A., prof., zasluzhennyy deyatel' nauki, EYVAZOV, B.A., prof.
zasluzhenny deyatel' nauki, ABDULAYEV, D.M., prof., zaslyzhenyy deyatel'
nauki, SELIMKHANOV, G.A., MAMEDBEKOVA, L.A., TER-KASPAROVA, I.R.,
SULTANOVA, Sh.A., MUSAYEV, Ya.A., ATAKISHIYEV, A.R., ABDULLAYEV, V.M.

Dzhalil Iusufovich Guseinov; on his 60th birthday. Arkh.pat. 20
no.7:93-94 '58 (MIRA 11:9)

1. Chleny Azerbaydzhanskogo obshchestva patologoanatomov (for
Selimkhanov, Mamedbekova, Ter-Kasparova, Sultanova, Musayev, Atakishiyev,
Abdullayev, V.M.)
(GUSEINOV, DZHALIL IUSUFOVICH, 1896-)

ABDULLAYEV, D.M., prof.; KHALFEN, Sh.S., prof.

Epidemiology, clinical aspects, and treatment of influenza. Azerb.
med. zhur. no.2:60-65 F '59. (MIRA 12:3)
(INFLUENZA)

~~ABDULLAYEV, D.H., prof., zasluzh.deyatel' nauki; KHALFEN, Sh.S., prof.~~

Botkin's disease. Azerb.med.zhur. no.6:51-56 Je '59.

(MIRA 12:9)

(HEPATITIS, INFECTIOUS)

ABDULLAYEV, D.M., prof.; MAKHMUDBEKOVA, M.Sh., doktor

Etiopathogenesis and clinical aspects of idiopathic myocarditis.
Azerb.med.zhur. no.7:55-59 J1 '59. (MIRA 12:12)

1. Iz gospital'noy terapevticheskoy kliniki russkogo sektora (zav. -
zasluzhennyy deyatel' nauki, prof. D.M. Abdullayev) Azerbaydzhanskogo
gosudarstvennogo meditsinskogo instituta im.N. Narimanova (direktor -
zasluzhennyy deyatel' nauki, prof. B.A. Kyvazov).
(HEART--DISEASES)

ABDULAYEV, D.M.; RZAYEV, G.M.

Ballistocardiography and its clinical significance. Azerb.med.zhur.
no.9:3-9 S '59. (MIRA 13:1)

(BALLISTOCARDIOGRAPHY)

ABDULLAYEV, D.M., prof.; MAKHMUDEBKOVA, E.Sh.

Vectocardiography and its clinical significance. Azerb.med.shur.
no.1:3-6 Ja '60. (MIRA 13:5)

(VECTOCARDIOGRAPHY)

ABDULLAYEV, D.M., zasluzhennyy deyatel' nauki

"Brucellosis: pathogenesis, clinical aspects, and treatment" by
M.R. Nazirov, D.G. Babaev. Reviewed by D.M. Abdullaev. Azerb.med.
zhur. no.2:77-79 F '60. (MIRA 13:5)

1. Chlen-korrespondent Akademii Nauk Azerbaydzhanskoy SSR.
(BRUCELOSIS) (NAZIROV, M.R.) (BABAEV, D.G.)

ABDULLAYEV, D.M., zasluzhenny deyatel' nauki, prof.

Some results of the use of strophanthin in coronary insufficiency.
Azerb. med. zhur. no.4:87-92 Ap '60. (MIRA 14:5)

1. Iz gospital'noy terapevticheskoy kliniki russkogo sektora (zav.-
prof. D.M.Abdullayev) Azerbaydzhanskogo gosudarstvennogo meditsin-
skogo instituta imeni N.Narimanova (direktor - zasluzhenny deyatel'
nauki, prof. B.A.Eyvazov). 2. Chlen-korrespondent AN AzerbSSR (for
Abdullayev).

(CORONARY VESSELS--DISEASES)

(STROPHANTHIN)

ABDULLAYEV, D.M., prof., zasluzhenny deyatel' nauki

Ways of preventing the principal cardiovascular diseases. Azerb.
med. zhur. no.9:3-11 S '60. (MIRA 13:9)

1. Iz kafedry gosital'noy terapii russkogo sektora Azerbaydzhanskogo
gosudarstvennogo meditsinskogo instituta im. N. Narimanova.
(CARDIOVASCULAR SYSTEM--DISEASES)

ABDULAYEV, D.M.; NAZAROV, M., prof., red.; VARSHAVSKAYA, A., red.;
MIRKISHIYEVA, S., tekhn. red.

[Problems of cardiology; problems in the pathology of blood
circulation and the clinical aspects of cardiovascular diseases]
Voprosy kardiologii; voprosy patologii krovoobrashchenia i
kliniki serdechno-sosudistykh zabolevanii. Baku, Azerbaidzhan-
skoe gos. izd-vo, 1961. 379 p. (MIRA 15:5)
(BLOOD--CIRCULATION, DISORDERS OF)
(CARDIOVASCULAR SYSTEM--DISEASES)

ABDULLAYEV, D.M.

Thrombosis of the coronary arteries is myocardial infarct.
Azerb. med. zhur. no. 2:38-43 F '61. (MIRA 14:2)
(HEART--INFARCTION)

ABDULLAYEV, D.M.; ALEKPEROV, I.I.

Materials on a study of morbidity among petroleum refinery workers
for 14 years (1945-1958). Azerb. med. zhur. no. 5:55-60 My '61.

(MIRA 14:4)

(PETROLEUM WORKERS—DISEASES AND HYGIENE)

ABDULLAYEV, D.M., prof.

Valuable work on the history of public health in Iranian Azerbaijan.
Azerb. med. zhur. no.7:84-89 J1 '61. (MIRA 15:1)

1. Chlen-korrespondent AN Azerbaydzhanskoy SSR.
(AZERBAIJAN...PUBLIC HEALTH)

ABDULAYEV, D.M.; ISAZADE, G.M.

Hormonal therapy of the "ascitic forms" of liver cirrhosis.
Azerb. med. zhur. no.6:7-13 Je '62. (MIRA 17:8)

ABDULLAYEV, D.M.; TSAZADE, G.M.

Fifteenth All-Union Congress of Therapists. Azerb. med. zhur.
no.10:89-96 0 162. (MIRA 17:10)

EFENDIYEV, F.A., red.; ABDULAYEV, D.M., red.; MAMEDOV, Z.M., red.;
GUSEYNOV, D.Yu., red.; GASANOV, Kh.A., red.; RZAYEV, N.M.,
red.; KERIMOV, G.M., red.; ABDULLAYEV, M.M., red.

[Problems of cardiovascular and endocrine pathology] Vop-
rosy serdechno-sosudistoi i endokrinnoi patologii. Baku,
Izd-vo AN Azerbaidzh.SSR, 1964. 195 p. (MIRA 17:12)

1. Azerbaidzhanskiy institut eksperimental'noy i kliniche-
skoy meditsiny.

DYERHO, Yu.A.; ABDULLAYEV, D.M., prof., red.

[Introduction of blood and drugs through the incisura
jugularis sterni] Vvedenie krovi i lekarstv cherez iarem-
nuiu vyrezku gradiny. Baku, Azerneshr, 1963. 110 p.
(MIRA 17:4)

ABDULLAYEV, Dzhangir Mamed

[Diagnosis and treatment of cardiovascular diseases; text-book for medical institutes] [Diagnostika i lechenie serdechno-sosudistykh zabolevanii; uchebnoe posobie dlia medinstituta] baky, Azertedrisneshr 1963. 215 p. [In Azerbaijani]

(MIRA 17:5)

ABDULAYEV, D.M.; IRANI, M.A.

Dynamic study of the blood coagulation and anticoagulation system components in patients with myocardial infarct and chronic coronary insufficiency in relation to continuous and discontinuous anticoagulant treatment. Azerb. med. zhur. 41 no.1:3-14 Ja '64.

(MIRA 17:12)

ISAZADE, G.M.; MAMEDOV, Z.M.; ABDULAYEV, D.M.

Hemodynamic changes in goiter following surgical treatment.
Azerb. med. zhur. 40 no.12:3-13 D '63.

(MIRA 17:10)

BASOV, N.G.; BOGDANKEVICH, O.V.; PECHENOV, A.N.; ABDULAYEV, G.B.; AKHUNDOV,
G.A.; SALAYEV, E.Yu.

Radiation in a GaSe single crystal induced by fast electrons.
Dokl. AN SSSR 161 no.5:1059 Ap '65. (MIRA 18:5)

1. Fizicheskiy institut im. P.N.Lobedeva AN SSSR i Institut
fiziki AN AzerSSR. 2. Chlen-korrespondent AN SSSR (for Basov).

ABDULAYEV, R.N.

Solvability of Riemann's homogeneous problem on closed Riemann surfaces. Dokl. AN SSSR 152 no.6:1279-1281 0 '63. (MIRA 16:11)

1. Permskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
Predstavleno akademikom I.N. Vekua.

ABDULAYEV, R.N.

Riemann's homogeneous problem on closed Riemann surfaces. Dokl.
AN SSSR 160 no.5:983-985 F '65. (MIRA 18:2)

1. Tbilisskiy matematicheskiy institut AN GruzSSR. Submitted
August 3, 1964.

ABDULAYEV, R.N.

Solvability conditions for a uniform Riemann problem on closed
Riemann surfaces. Soob. AN Gruz. SSR 35 no.3:519-522 S '64.

(MIRA 17:11)

1. Tbilisskiy matematicheskiy institut imeni A.M. Razmadze AN
GruzSSR. Predstavleno akademikom N.P. Vekua.

KERIMOV, S.M., starshiy nauchnyy sotrudnik; AKOPYAN, S. Kh., starshiy nauchnyy sotrudnik; TAGIZADE, Z.A., starshiy nauchnyy sotrudnik; ABDULAYEVA, L.D., mladshiy nauchnyy sotrudnik

Study of atherosclerosis; cholesterol content of the blood in persons engaged in physical labor. Azerb. med. zhur. 41 no.2: 42-48 F '64 (MIRA 18:1)

1. Iz otdela kardiologii (zav. - chlen-korrespondent AN Azerbaydzhanskoy SSR, prof. D.M. Abdylayev) IEKM AMN SSSR, Baku.

ABDULAYEVA, L.D.; mladshiy nauchnyy sotrudnik

Dynamics of coagulating and anticoagulating systems of the blood in rheumatic carditis and rheumatic heart defects depending on various methods of the treatment. Azerb.med.zhur. 42 no.1:48-53 Ja '65.

(MIRA 18:5)

1. Iz otdela kardiologii Azerbaydzhanskogo instituta, eksperimental'noy i klinicheskoy meditsiny AMN SSSR (direktor - kand.med.nauk N.B. Rzayev).

KOMAROV, V.A.; ABDULAYEVA, S.A.; CHERNIKOVA, Ye.A.

Reactions between tin oxides and isopropyl alcohol.

Kin.i kat. 3 no.6:920-926 N-D '62.

(MIRA 15:12)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova.
(Tin oxide) (Catalysis) (Isopropyl alcohol)

ABDULAYEVA-PANOVA, M.V.

Effect of nicotinic acid on blood pressure and on electrolyte content of the blood; in hypertension; mechanism of hypotensive action of nicotinic acid. Ter. arkh., Moskva 24 no. 3:30-35 May-June 1952.

(CJML 22:4)

1. Of the Second Hospital Therapeutic Clinic (Head -- Prof. D. M. Abdulayev), Azerbaydshan Medical Institute.

ABDULAYEV, D.M., prof., ~~ABDULAYEVA-PANOVA~~, M.B., kand.med.nauk

Conditions of blood circulation and peripheral blood in petroleum refinery workers in Baku. Azerb.med.zhur. no.12:66-70 D '58

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1. Iz kafedry gosspital'noy terapii russkogo sektora (zav. zaslyzhenny deyatel'nauki, prof. D.M. Abdulayev) Azerbaydzhanskgo gosudarstvennogo meditsinskogo instituta im. N.Narimanova.

(direktor - zaslyzhenny deyatel' nauki prof. B.A. Eyvazov).

(BLOOD)

(BAKU--PETROLEUM WORKERS--DISEASES AND HYGIENE)

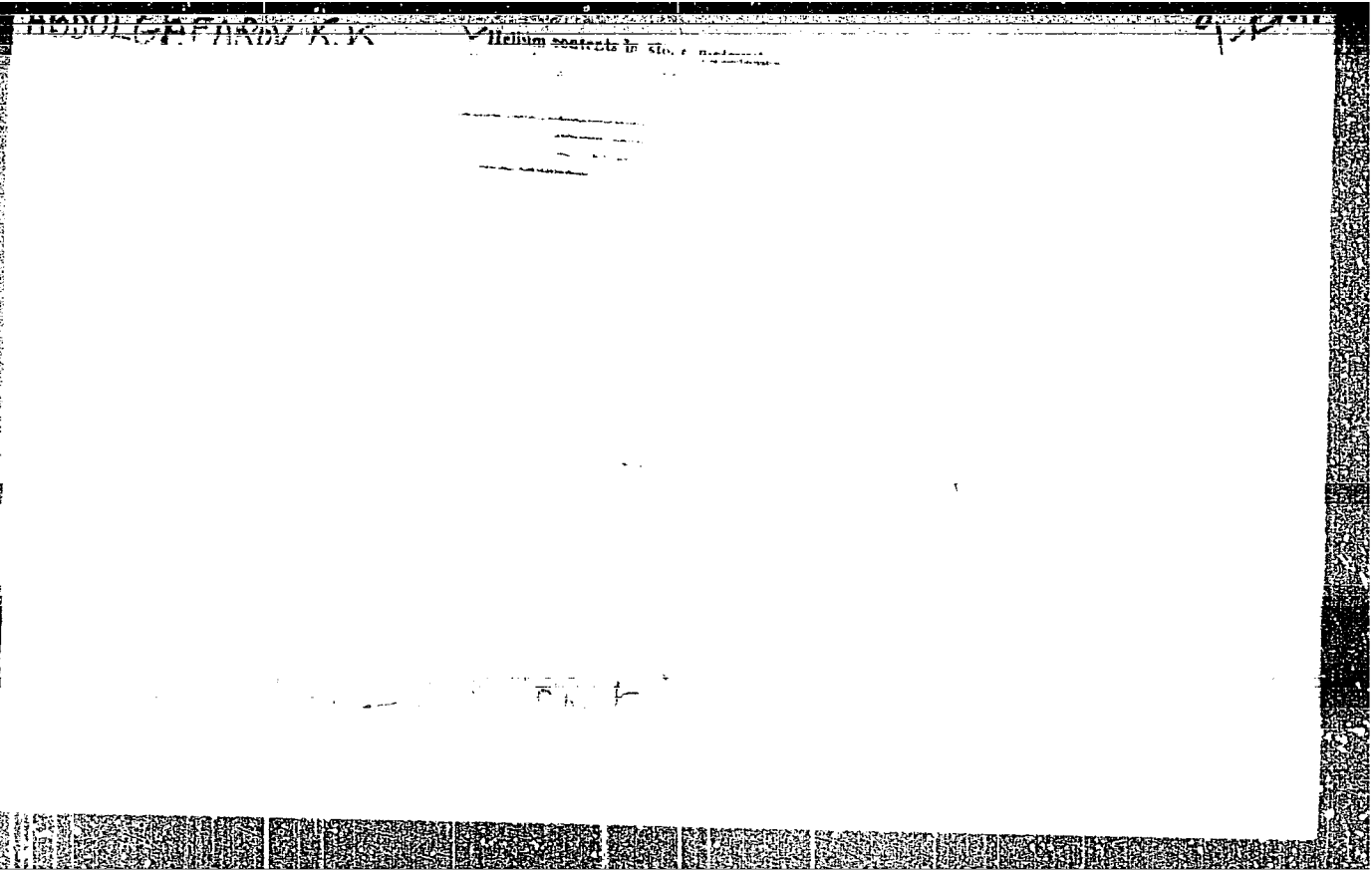
ABDULAYEVA-PANOVA, M.V., kand. med. nauk

Functional systolic heart murmur. Azerb. med. zhur. no.10:3-9
0 '62. (MIRA 17:10)

ABDULBANEYEV, O. G.

Abdulbaneyev, O. G. -"Socialist reconstruction of the agriculture of Bashkiria during the Stalin Five-Year Plans", (Authors listed in index), In the collection: Tridtsat' let Sov. Bashkirii, Ufa, 1949, p. 132-65.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).



ABDILGAFAROV, K.K., Cand Phys Math Sci -- (diss) "Study of the
separation of radioactive emanations and helium from natural
minerals ^{as a function of} ~~in relation to~~ temperature." Alma-Ata, 1958, 16 pp
with graphs (Kazakh State Univ im S^{ov}. Kirov. Phys Math Faculty)
120 copies (KL, 27-58, 101)

ABDULGAFAROV, K.K.; CHERDYNTSEV, V.V.

Studying the effect of temperatures on the separation of radioactive emanations and helium from native minerals. Izv.vys. ucheb.zav.; geol.i razv. 1 no.9:107-117 S '58.

(MIRA 12:9)

1. Kazakhskiy gosudarstvennyy universitet im. S.M.Kirova.
(Radioactive substances) (Helium)

ZAMYATIN, Sergey Ivanovich (1900-1961), kand. med. nauk; GUSEVA, N.,
red.; ABDULGAFAROV, Ye., red.; ZLOBIN, M., tekhn. red.

[Health resorts of Kazakhstan] Kurorty Kazakhstana. Alma-
Ata, Kazgosizdat, 1962. 262 p. (MIRA 16:9)
(KAZAKHSTAN--HEALTH RESORTS, WATERING PLACES, ETC.)

ZHUMATOV, Khanza Zhumatovich; DARDIK, Faina Grigor'yevna; GUSEVA, N.,
red.; ABDULGAFAROV, Ye., red.; ZLOBIN, M., tekhn. red.

[Infectious hepatitis (Botkin's disease); its epidemiology
and prevention] Infektsionnyi gepatit (bolezni' Botkina);
epidemiologiya i profilaktika. Alma-Ata, Kazgosizdat, 1962.
201 p. (MIRA 16:12)

(HEPATITIS, INFECTIOUS)

GLOZMZN, O.S., prof.; KASATKINA, A.P., prof.; ABDULGAFAROV, Ye.,
red.; POPOVICHENKO, T., tekhn. red.

[Exchange transfusion of blood] Zameshchenie krovi. Alma-
Ata, Kazakhskoe gos. izd-vo, 1963. 208 p. (MIRA 16:7)
(BLOOD--TRANSFUSION)

LEONT'YEVA, Lidiya Pavlovna; ABDULGAFAROV, Ye., red.; POPOVICHENKO, T.,
tekhn. red.

[Old age retreats] Starost' otstupaet. Alma-Ata, Kazgosizdat,
1963. 197 p. (MIRA 16:11)
(Kazakhstan--Aged) (Longevity)

ABDULGAFAROV, Ye., red.

[Preserves of Kazakhstan; essays] Zapovedniki Kazakhstana;
ocherki. 2. izd. Alma-Ata, Kazakhskoe gos. izd-vo, 1963.
134 p. (MIRA 18:5)

1. Kazakh S.S.R. Upravleniye okhotnicl'yi go khozyaystva i
zapovednikov.

ABDULGAMIDOV, I. S., FRIDKIN, V. M., ZHELUDEV, I. S.,

"Testing of photoelectret conditions in activating alkali halogen crystals."

report to be submitted for the 1st Intl. Congress on Reprography, Cologne,
West Germany, 14-19 Oct 1963

ACCESSION NR: AP4019835

S/0181/64/006/003/0734/0770

AUTHORS: Abdulgamidov, S. A.; Zheludev, I. S.; Nosov, V. N.; Fridman, V. M.

TITLE: On internal field distribution in single crystal photoelectrets

SOURCE: Fizika tverdogo tela, v. 6, no. 3, 1964, 764-770

TOPIC TAGS: internal field distribution, single crystal, photoelectret, photoelectric field, interelectrode spacing, space charge, field distribution

ABSTRACT: The hetero- and homocharge distributions in photoelectrets of single crystals of additive-colored KCl, S, $K_2Cr_2O_7$ and CdS have been investigated, using the light probe technique of M. Y. Ben Sira, B. Pratt, E. Harnik, and A. Many (Phys. Rev. 115, 55, 1929) and Harnik, Ben Sira, Pratt, and S. Peter (J. Appl. Phys., 34, 207, 1963). It consists of depolarizing the photoelectret by means of a light probe in a direction perpendicular to the internal photoelectric field. The KCl specimen was polarized first by a 0.5-kv field with exposure of the whole crystal surface to 546m monochromatic light, and subsequently by a 2.0-kv field with central illumination only. Internal field distributions are represented graphically as functions of the interelectrode spacing. Both barrier type and space

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ACCESSION NR: AP4019835

charge type distributions are observed. For the central illumination case an asymmetric field distribution was noticed relative to the crystal center. Similar experiments were performed on the rest of the specimens. In CdS, under all polarization time durations, the field showed an inverse direction at the cathode and a forward, positive direction at the anode. Orig. art. has: 6 figures and 3 formulas.

ASSOCIATION: Institut kristallografi AN SSSR Moscow (Institute of Crystallography AN SSSR)

SUBMITTED: 29Aug63

DATE ACQ: 31Mar64

ENCL: 00

SUB CODE: PH

NO REF SOV: 006

OTHER: 006

Card 2/2

ACCESSION NR: AP4011734

S/0181/64/006/001/0035/0042

AUTHORS: Fridkin, V. M.; Abdulgamidov, S. A.

TITLE: Photoactivation and the photoelectret state of single crystals of potassium dichromate

SOURCE: Fizika tverdogo tela, v. 6, no. 1, 1964, 35-42

TOPIC TAGS: photoactivation, photoelectret, potassium dichromate, photocurrent yield, absorption band, intrinsic absorption band

ABSTRACT: The photoactivation of potassium dichromate involves the fact that with illumination of the crystal the photocurrent yield increases in the intrinsic absorption band. After prolonged illumination, saturation is reached, and further illumination brings no increase in photocurrent output. The authors have investigated the connection between the photoelectret state and photoactivation in single crystals of potassium dichromate. The dependence of photocurrent with time for different photoelectret charges and the thermal decay of photoconductivity are shown diagrammatically in Figs. 1 and 2 on the Enclosures. The authors also studied the dependence of photocurrent yield on the intensity of light. They found that the nature of this dependence changes substantially with change in

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ACCESSION NR: AP4011734

photoactivation of the crystal. At maximums of photoactivation (saturation) the photocurrent yield depends linearly on the light intensity, but at rather low photoactivation the dependence is quadratic. The authors conclude that the measurement of photoelectret charge is a convenient method permitting one to determine the concentration of current carriers at trapping levels and, even more, to gain information concerning the mechanism of photoactivation. "The authors express their thanks to A. V. Shubnikov for his constant interest in the work and for his discussions of the results and to M. K. Sheynkman for useful discussions and a number of valuable suggestions." Orig. art. has: 6 figures, 1 table, and 7 formulas.

ASSOCIATION: Institut kristallografii AN SSSR, Moscow (Institute of Crystallography AN SSSR)

SUBMITTED: 20Jun63

DATE ACQ: 14Feb64

ENCL: 02

SUB CODE: PH

NO REF SOV: 010

OTHER: 001

Card 2/4

ACCESSION NR: AP4012275

S/0070/64/009/001/0063/0068

AUTHORS: Abdulgamidov, S. A.; Fridkin, V. M.

TITLE: Photoconductivity and the photoelectret state in single crystals of potassium dichromate

SOURCE: Kristallografiya, v. 9, no. 1, 1964, 63-68

TOPIC TAGS: photoconductivity, photoelectret, potassium dichromate, unipolar conductivity, volt ampere characteristic, lux ampere characteristic, photosensitivity, photopolarization, ultraviolet light, hole mobility, charge density

ABSTRACT: The purpose of the present study has been to discover the possibility of unipolarity in the conductivity of $K_2Cr_2O_7$. The setup for experimental work permitted measurement in a vacuum (10^{-5} mm Hg) at room temperature and at the temperature of liquid nitrogen. Crystal plates were cut along $[001]$ 1-2 mm thick and 1 sq cm in area. Photoconductivity was observed in both the ultraviolet and the visible part of the spectrum ($\lambda = 436 \text{ m}\mu$), and the current was observed only when a positive potential was impressed on the illuminated electrode. Illumination of different faces did not seem to change the photoelectric current (or the photo-

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ACCESSION NR: AP4012275

polarization). It was found that prolonged illumination caused saturation, and after a few seconds no increase in photosensitivity occurred. The lux-ampere characteristics, as expected, proved to be highly linear. A study of the volt-ampere characteristics showed a current saturation at about 600 v. This suggests a primary characteristic of the photoelectric current. The displacement of a single hole was found to be equal to $\mu\tau \sim 10^{-5} \text{ cm}^2/\text{v}$ (μ = mobility and τ = lifetime of a hole). The maximum charge of the photoelectret, obtained by integrating the discharge current with respect to time, proved to be $\sim 10^{-8} \text{ coul/cm}^2$. With increase in polarizing field, the charge density of the photoelectret increased. "The authors express their sincere thanks to Academician A. V. Shubnikov for proposing this topic and for discussing the results of the work." Orig. art. has: 6 figures.

ASSOCIATION: Institut kristallografii AN SSSR (Institute of Crystallography AN SSSR)

SUBMITTED: 09Apr63

DATE ACQ: 19Feb64

ENCL: 00

SUB CODE: PH

NO REF SOV: 006

OTHER: 005

Card 2/2

FRIDKIN, V.M.; ABDULGAMIDOV, S.A.

Photoactivation and the photoelectret state of potassium bichromate single crystals. Fiz. tver. tela 6 no.1:35-42 Ja '64.
(MIRA 17:2)

1. Institut kristallografii AN SSSR, Moskva.

ABDULGAMIDOV, S.A.; FRIDKIN, V.M.

Photoconductivity and photoelectret state in potassium bichromate
single crystals. Kristallografiia 9 no.1:63-68 Ja-F '64.

(MIRA 17:3)

1. Institut kristallografii AN SSSR.

ABDULGAMIDOV, S.A.; ZHEINDEV, I.S.; FRIDKIN, V.M.

Kinetics of the formation of the photoelectret state in
additively colored KCl single crystals. Kristallografiia
9 no.4:564-565 J1-Ag '64.

(MIRA 17:11)

1. Institut kristallografii AN SSSR.

ACCESSION NR: AP4043192

S/0070/64/009/004/0564/0565

AUTHORS: Abdulgamidov, S. A.; Zheludev, I. S.; Fridkin, V. M.

TITLE: On the kinetics of the formation of the photoelectret state in additively colored KCl single crystals

SOURCE: Kristallografiya, v. 9, no. 4, 1964, 564-565

TOPIC TAGS: potassium compound, photoelectret, single crystal, color center, F center, polarization, depolarization

ABSTRACT: The tests were made with single crystals having an F-center concentration $\sim 10^{16} \text{ cm}^{-3}$ with an aim at checking on the theoretical deductions of E. Adirovich (Fiz. tv. tela v. 3, no. 7, 2048, 2050, 1961). The measurements were made with plates having area $\sim 1\text{--}2 \text{ cm}^2$ and thickness $\sim 0.15 \text{ cm}$, using barrier contacts to prevent the injection of the carriers from the electrodes into the

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ACCESSION NR: AP4043192

crystal (mica liners). Illumination during the polarization was with monochromatic 546-nm light. The charge was measured by the depolarization method, with the photoelectret illuminated with the undecomposed light from a mercury lamp and with integration of the depolarization current. The time variation of the photoelectret charge was found to be exponential. The reciprocity law was fulfilled over the entire range of light intensity employed. The charge density was found to be linear in the polarizing-field intensity. It is concluded on the basis of these results, and also results by others, that the kinetics of formation of the photoelectret state in colored alkali-halide crystals, as well as their depolarization, are in accord with the deductions of the phenomenological theory. "The authors thank L. M. Shamovskiy for supplying the samples of additively colored single crystals." Orig. art. has: 1 figure.

ASSOCIATION: Institut kristallografii AN SSSR (Institute of

Card 2/4

ACCESSION NR: AP4043192

Crystallography, AN SSSR)

SUBMITTED: 01Nov63

ENCL: 01

SUB CODE: OP, SS

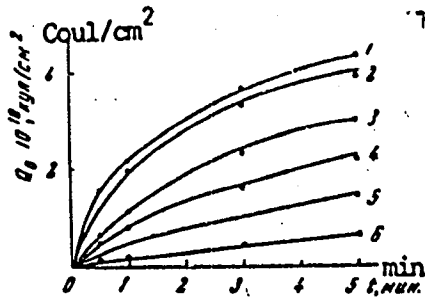
NR REF SOV: 002

OTHER: 004

Card 3/4

ACCESSION NR: AP4043192

ENCLOSURE, 01



Dependence of the charge of a photoelectret on the illumination, following illumination by different light intensities (additively colored single crystal KCl, T = 120K). The numbers refer to different illuminations.

Card 4/4

ABDULGANIYEV, N. M., Cand Tech Sci -- ^{"Chart}~~Diagram~~ of the pro-
duction of potassium sulphate fertilizers ⁱⁿ ~~at~~ the complex
utilization of mirabilite ^{metres} ~~garnets~~." Nos, 1961. (Min of
Higher and Sec Spec Ed RSFSR. Mos Order of Lenin Chem-
Technol ^{agrad} Inst im D. I. Mendelejev) (KL, 8-61, 240)

- 191 -
- 190 -

L 32912-66

ACC NR: AR6Q23807

SOURCE CODE: UR/0081/66/000/001/L023/L023

AUTHOR: Abdulganiev, N. M.

20
B

ORG: none

TITLE: Production of potassium sulfate fertilizers from sea-type brines

SOURCE: Ref. zh. Khimiya (pt. 2), Abs. 11157

REF SOURCE: V. sb. Tekhnol. pererabotki prirod. soley i rassolov. M.-L. "Khimiya" 1964, 254-290

TOPIC TAGS: fertilizer, sulfate, flotation, magnesium compound

ABSTRACT: Conditions for production of K sulfate fertilizers from mother brines formed during deposition of mirabilite in basins were studied. The K concentrate was separated from the mirabilite brine by evaporation at 70°, 90°, and b.p. The salt mixture obtained by evaporation was floated and the concentrate was subsequently chemically transformed into schoenite ($K_2SO_4 \cdot MgSO_4 \cdot 6H_2O$). Evaporation of the mirabilite concentrate at 70° and 90° takes place under conditions of metastable equilibrium. Mixtures of kainite with halite, or mixtures of carnallite, kieserite, and halite are deposited in dependence on the evaporation temperature and the compn. of the solns. In the initial stages of evaporation at the b.p. of a mirabilite brine, a mixture of halite with kieserite is deposited; this is followed by depn. of a

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L. 32912-66

ACC NR: AR6023807

mixture of halite, carnallite, and kieserite. The b.p. of the brine depended on its $MgCl_2$ content. Crystn. of a mirabilite brine at 70° , 90° , and b.p. was studied comparatively. A method for obtaining a mixture of carnallite, kieserite and halite from concentrated brines of the sea-type involves their evaporation by boiling at temperatures $\approx 126^\circ$ followed by cooling to 70° . The salt mixture obtained by evaporation can be effectively separated into its components by flotation (without preliminary comminution) with use of a 32% $MgCl_2$ soln. as the liquid phase (this soln. had not previously been used owing to its high viscosity). Two versions of a technological procedure for obtaining schoenite were developed. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none

Card 2/2 *LL*

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000100110018-9

"Graphic firing tables."
Vojni Glasnik, Beograd, Vol 7, No 12, Dec 1953, p. 70

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000100110018-9"

ACCESSION NR: AP4039230

Y/0010/64/000/003/0162/0171

AUTHOR: Berisa, Toma (Lieutenant Colonel in technical branch, Graduate engineer);
Abduli, Ramiz (Major in technical branch, Graduate engineer)

TITLE: The role of the gyroscope in the control and guidance system of a projectile

SOURCE: Vojnotehnicki glasnik, no. 3, 1964, 162-171

TOPIC TAGS: gyroscope theory, gyroscopes control, gyroscope guidance, missile control, missile guidance, pneumatic missile control system, direction gyroscope, speed gyroscope

ABSTRACT: The article is an introduction to the use of gyroscopes in rocket control and guidance, from the most basic features of the gyroscope phenomenon to a sketch and block diagram of the pneumatic control and guidance system of the American IB2 experimental missile, and an explanation of the system's various parts and their functions. Orig. art. has: 13 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 12Jun64

ENCL: 00

Card 1/2

AEDULIN, A. A.: Master Geolog-Minerale Sci (diss) -- "Geology of the gold-copper-turmaline formations of the north and northeast of Central Kazakhstan".
Alma-Ata, 1958. 15 pp (Acad Sci Kazakh SSR, Inst of Geological Sci), 150 copies
(KL, No 4, 1959, 122)

ABIJULIN, A.A.

Geology of tourmaline-copper ore deposits in Sarymsak (Central
Kazakhstan). Vest. AN Kazakh. SSR 14 no.4:56-59 Ap '58.

(Kazakhstan—Copper ores)

(MIRA 11:6)

ABDULIN, A.A.

Geology of the Ushtagan (Central Kazakhstan) tourmaline and gold
seams. Vest. AN Kazakh. SSR 14 no.5:62-67 My '58. (MIRA 11:7)
(Kazakhstan--Gold ores) (Kazakhstan--Tourmaline)

ABDULIN, A.A.

Role of fissure dislocations in the disposition of copper-tourmaline ores near the village of Odak (central Kazakhstan).
Vest. AN Kazakh. SSR 14 no.8:67-72 Ag '58. (MIRA 11:10)
(Odak region--Copper ores) (Faults (Geology))

ABDULIN, A.A.

Some special features of the formation of endogenous tourmaline
rocks in the northern and northeastern parts of central Kazakhstan.
Izv. AN Kazakh. SSR, Ser. geol. no. 3:71-80 '60. (MIRA 13:11)
(Kazakhstan--Tourmaline)

ABDULIN, Aytmukhamed Abdullayevich; BORUKAYEV, R.A., prof., akademik,
doktor geologo-miner. nauk, otv. nauk; NESTEROVA, I.I.,
red.; ALFEROVA, P.P., tekhr. red.

[Tourmaline formations in the northeastern part of central
Kazakhstan] Turmalinovyie formatsii severo-vostoka Tsentral'-
nogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi
SSR, 1961. 86 p. (MIRA 15:4)

1. Akademiya nauk Kazakhskoy SSR (for Borukayev).
(Kazakhstan—Tourmaline)

ABDULIN, A.A.; MUHAMMEDZHANOV, S.M.; PARHIN, A.V.; SEYFULLIN, S.SH.

For further development of the productive capacity of the Dzhegzagan industrial region. Izv.AN Kazakh.SSR. Ser.gool. no.3:96-102 '61.

(HIRA 14:10)

(Karaganda--Mines and mineral resources)

ABDULIN, A.A., kand.geologo-mineralogicheskikh nauk; KUNAYEV, D.S., kand.
geologo-mineralogicheskikh nauk; RYSBEKOV, K.U., kand.geologo-
mineralogicheskikh nauk

Maylishet copper-ore deposits in the Chingis Range. Vest.AN
Kazakh.SSR 17 no.6:60-70 Je '61. (MIRA 14:6)
(Chingis-Tau--Copper ores)
(Chingis-Tau--Gold ores)

ABDULIN, A.A.; KOLOTILIN, N.F.

Department of geological Sciences of the Academy of Sciences of
the Kazakh S.S.R.; result of research carried out in 1961. Izv.
AN Kazakh. SSR. Ser.geol. no.1:109-113 '62. (MIRA 15:5)
(Academy of Sciences of the Kazakh S.S.R.)

ABDULIN, A.A.; LI, A.B.

Second All-Union Conference on Tectonics. Izv. AN Kazakh. SSR.
Ser. geol. nauk no. 1: 120-122 '63. (MIRA 16:8)

1. Institut geologicheskikh nauk AN KazSSR, Alma-Ata.
(Geology, Structural--Congresses)

ABDULIN, A.A.; BACHIN, A.P.; GRESHNER, S.G.; MILETSKIY, B.Ye.

Some characteristics of volcanic formations in the Mugodzhar Hills and mineralization related to them. Izv. AN Kazakh. SSR. Ser. geol. 21 no.3:57-66 My-Je '64.

(MIRA 17:11)

1. Institut geologicheskikh nauk im. K.I. Satpayeva AN KazSSR, g. Alma-Ata; Berchogurskaya geofizicheskaya ekspeditsiya, g. Emba, i Aktyubinskaya geologirazvedochnaya ekspeditsiya Ministerstva geologii i okhrany neдр KazSSR, Aktyubinsk.

ABDULIN, A.A.

Studying the greenstone zones of the Mugodzhar Hills. Izv. AN
Kazakh. SSR. Ser. geol. 22 no.1:3-7 Ja-F '65.

(MIRA 18:6)

1. Institut geologicheskikh nauk im. K.I. Satpayeva, g. Alma-Ata.

ABDULIN, A.A.; ZHAFARKHANY, S.ZH.

K.I. Sapaev Geological Institute of the Academy of Sciences of
the Kazakh S.S.R. (brief results of scientific activities). Izv.
AN Kazakh. SSR. Ser. geol. 22 no.1:93-95 Ja-F '65.

(MIRA 18:6)

1. Institut geologicheskikh nauk im. K.I. Satpayeva, g. Alma-Ata.

BORUKAYEV, R.A.; YESENOV, Sh. Ye.; KAYUPOV, A.K.; ABDULIN, A.A.

Problems of geological science and practice in Kazakhstan.
Izv. AN Kazakh. SSSR Ser. geol. 22 no.6:3-11 N-D '65
(MIRA 19:1)

I. Institut geologicheskikh nauk imeni E.I. Satpayeva AN
KazSSR, Alma-Ata, i Ministerstvo geologii KazSSR, Alma-Ata.

ABDULLIN, Fuat Salikh'yanovich

LEBEDEV, Serafim Aleksandrovich; ABDULLIN, Fuat Salikh'yanovich;
LYUSHIN, Sergey Fedorovich; KOVALEVA, A.A., vedushchiy redaktor;
POLOSINA, A.S., tekhnicheskiiy redaktor

[Studies of pressure wells] Issledovanie nagnetatel'nykh skvazhin.
Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry,
1956. 56 p. (MLRA 10:5)
(Oil field flooding)

93-6-11/20

AUTHOR: Abdulin, F. S.

TITLE: Casing Leakage Control in Water-Injection Wells (Kontrol' za germetichnost'yu kolonn magnetatel'nykh skvazhin v protsesse zakachki)

PERIODICAL: Neftyanoye khozyaystvo, 1957, Nr 6, pp. 40-44 (USSR)

ABSTRACT: The author proves by experiment that the state of casing in water-injection wells can be determined by the rate of bottom-hole pressure restoration following a momentary change in the operating conditions of a water-injection well. Fig. 1 shows the apparatus used by the author in his experiments. It consists of a sensitive manometer for recording pressure and a meter for recording water input. The data obtained are used to construct curves showing the variations in water input and pressure changes in relation to time. If a casing is in good condition when the water is fed into the producing stratum, the bottom-hole pressure restoration curve will be of the type shown in Fig. 2, i.e. the pressure changes slowly and evenly. If the casing is leaky and located in a high absorption area, the pressure

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Casing Leakage Control in Water-Injection Wells (cont.)
changes with the momentary change in operating conditions and remains constant during the entire period of operation under these conditions (Fig. 3). Indicator curves (Fig. 4) usually appear arched. This shows that the cracks and cavities at the fluid absorption area remain constant in size and that the flow of fluid through them is of a nonlinear nature. If a producing stratum contains natural cracks which expand with water input rates are high, but upon changing to lower input rates these cracks will close and the pressure will change slowly. Under these conditions, therefore, it is easy to establish whether or not the casing is leakproof (Fig. 5). In 1954, the author in cooperation with geologists from the pressure maintenance section (tsekh PPD) of the Petroleum Production Administration of the Tuymazy Petroleum Industry (NPU Tuymazanef't') made many studies of water-injection wells using the method described above. The results disclosed leaky casings in four wells at the NPU Tuymazanef't' and in one water-injection well at the Petroleum Production Administration of the Oktyabr'skiy Petroleum Industry (NPU Oktyabr'skneft'). The author concludes that his method is suitable for casing leakage control in water-injection wells without shutting off the water injection. When using this method only the leak in the casing will have to be determined and it will not be necessary to investigate all the wells by expensive geophysical methods as is done at present. Casing

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Casing Leakage Control in Water-Injection Wells (cont.)

leakage tests are made from a cluster pumping station equipped with sensitive manometers by one operator in 1 1/2 - 2 hrs. At present this method is extensively used at the NPU's of Tuymazaneft' and Oktyabr'skneft'.

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Card 3/3

17.5.10.11.1. F.S.
ABDULIN, F.S.

Exfoliation of Devonian rocks in a producing layer during edge-
water drive. Neft. khoz. 36 no.1:44-50 Ja '58. (MIRA 11:2)
(Oil field flooding) (Rocks—Cleavage)

ABDULIN, Fust Salikh'yanovich; BLAZHEVICH, Valentin Aleksandrovich;
~~MURAY'YEV, V.M.~~, red.; KAYESHKOVA, S.M., vedushchiy red.;
FEDOTOVA, I.G., tekhn.red.

[Exploitation of injection wells] Osvoenie nagnetatel'nykh
skvazhin. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-
toplivnoi lit-ry, 1959. 146 p. (MIRA 13:1)
(Oil fields--Production methods)

ABDULIN, F.S.

Acid treatment of Devonian injection wells. Neft. khos. 38
no.10:17-20 0 '60. (MIRA 13:9)
(Bashkiria--Oil wells--Acidization)

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UFA, 1961. MOSCOW INST OF PETROCHEM AND GAS INDUSTR^Y IHE-
NI AKAD I. M. GUBKIN "MINKH AND GP." UFA PETROLEUM SCI. RES
INST "UFNII"). (KL-DV, 11-61, 216).

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MURAV'YEV, Ivan Mikhaylovich; ABDULIN, Fuat Salakh'yanovich; VATOLIN,
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[Completion and study of injection wells as exemplified by
the industry of Bashkiria] Osvoenie i issledovanie nagnetatel'-
nykh skvazhin; na primere promyshlennosti Bashkiri. Moskva,
Gostoptekhizdat, 1963. 155 p. (MIRA 16:5)
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1. Stavropol'skiy filial Groznenskogo neftyanogo nauchno-issledovatel'skogo instituta.

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Maintaining the reservoir pressure in the Gorkhmet field.

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1. Stavropol'skiy filial Groznenskogo neftyanogo nauchno-issledovatel'-
skogo instituta i Moskovskiy ordena Trudovogo Krasnogo Znameni institut
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CA

17

The activity of novoplasmin solutions in ampuls. Novo-
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1327. — Novoplasmin preps. stored for almost 1 year at 1°C
and in ampuls showed no loss in their specific value
M. G. Mowc

1951

ABDULIN, M. G.

188T91

USSR/Medicine (Vet) - Infectious Diseases Aug 51

"Application of Hemosporidin (IP₂) Solution Packed in Ampules," M. G. Abdulin, Jr Sci Assoc, Kazan' Sci Res Vet Inst

"Veterinariya" Vol XXVIII, No 8, pp 40, 41

New USSR remedy hemosporidin (2% solns) proved to be effective against equine piroplasmosis after being stored in ampules for 3 yr 9 mo. Hemosporidin solns exposed to temps of -28 to -10° were as effective as freshly prepared ones.

LC.

188T91

ABDULIN, M. G.

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SO: Veterinariya; 30; (3); March 1953; Uncl. TABCON

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ABBULLIN, M. G. Equine p^Ariplasmosis and ^Nuttalliosis. Kazan, Tatar State Publishing House, 1953. Sixty pages with illustrations; price 75 kopeks. In tatar language.

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1. Kafedra obogashcheniya rud redkikh i radioaktivnykh metallov
Moskovskogo instituta stali i splavov.