

ACADEMICE, Kyzard, Apr. 1965.

Fighting water hazards in the Grolino Basin. Study 1
estate 10 no. 883-90 F '65.

AWLASIENICZ, WITOLD

POI

▼ Awlasienicz, Witold. Sposob okreslania odplywow rzek przy pomocy mapy parowania.
 [Method of determining river flows on the basis of the map of evaporation.] *Gospodarka Wodna*, Warsaw, 13(6):202-205, June 1953. 3 figs., 1 table, 9 refs. DLC--Describes a quick method to determine the flow of small and medium rivers, especially those lacking hydrometric installations. It is based on the estimation of mean evaporation calculated by the author from 44 stations in Poland. This calculation of mean evaporation is based on the diagram drawn up by Kuzin in 1914 on the basis of the relationship between the value of total evaporation and mean monthly air temperature. Having the data on evaporation at a given point and mean precipitation data for a period of many years, it is possible to derive from the equation the mean yearly flow. Tables and two maps accompany the analysis. *Subject Heading* 1. River flow 2. Evaporation estimation 3.

rzek przy pomocy mapy parowania.
 map of evaporation.] *Gospodarka Wodna*, Warsaw, 13(6):202-205, June 1953. 3 figs., 1 table, 9 refs. DLC--Describes a quick method to determine the flow of small and medium rivers, especially those lacking hydrometric installations. It is based on the estimation of mean evaporation calculated by the author from 44 stations in Poland. This calculation of mean evaporation is based on the diagram drawn up by Kuzin in 1914 on the basis of the relationship between the value of total evaporation and mean monthly air temperature. Having the data on evaporation at a given point and mean precipitation data for a period of many years, it is possible to derive from the equation the mean yearly flow. Tables and two maps accompany the analysis. *Subject Heading* 1. River flow 2. Evaporation estimation 3.

DC

AWLADEWICZ, W.

ZDUNEK, M.; AWLADEWICZ, W. "Scientific and Technical Conference dedicated to the subject of 'the problem of severance in agriculture with special emphasis on the Warsaw region.'" *Gospodarka Wodna*, Warsaw, Vol 14, No 6, June 1954, p. 237

SO: Eastern European Accessions List, Vol 3, No 19, Oct 1954, Lib. of Congress

AWJENIEN, M.

Walka o naftę (The fight for petroleum), by M. Awjenien. Reported
in New Books, (Nowe Książki), no. 6, March 15, 1956.

ANDERSZ, Urszula; AWSERIC, Roman

Simultaneous thrombosis of the renal vein and artery. Polski przegl. chir. 34 no.6a:591-595 '62.

1. Z Oddziału Urologicznego Szpitala Miejskiego w Słupsku Ordynator:
dr R. Awstrie.

(THROMBOSIS case reports) (KIDNEYS blood supply)

AWSTRIC, Roman; LEWENSTAM, Kazimierz; JANKAU, Oskar.

Leiomyoma of the ileum simulating prostatic adenoma. Pol. przeł.
chir. 37 no.4: Suppl:415-418 Ap'65.

1. Ze Szpitala Miejskiego w Słupsku (Dyrektor: dr. A. Awstricowa).

AWSTRIC, Roman, dr.

Plastic surgery in skin avulsion of the penis using scrotal skin. Wiad. lek. 18 no.4:359-362 15 F '65

1. Z Oddziału Urologicznego Szpitala Miejskiego w Słupsku (Ordynator: dr. R. Awstric).

WANIOREK, Alfred; AWSTRIC, Roman

Avulsion of the ureter and kidney pelvis following rupture of the pregnant uterus. Ginek. pol. 34 no.6:719-723 '63.

1. Z Oddziału Ginekologiczno-Położniczego Szpitala Miejskiego w Słupsku (ordynator: dr., med. A. Modrzejewski) i z Oddziału Urologicznego Szpitala Miejskiego w Słupsku (ordynator: lek. med. R. Awstric).

*

AWSTRIC, Roman; WANIOREK, Alfred

Uretero-vaginal fistula following attempted abortion. Ginek.
pol. 34 no.4:533-536 '63.

1. Z Oddziału Urologicznego Szpitala Miejskiego w Słupsku
Ordynator: lek. med. R. Awstric Z Oddziału Ginekologiczno-
Polożniczego Szpitala Miejskiego w Słupsku Ordynator: dr med.
A. Modrzejewski.

(ABORTION, CRIMINAL) (URINARY FISTULA)
(VAGINAL FISTULA) (URETER)
(SURGERY, OPERATIVE)

AWSTRIC, Roman; WANIOREK, Alfred; LEWENSTAM, Kazimierz

A case of primary cancer of a diverticulum of the female urethra. Ginek. Pol. 36 no.9:1047-1051 S '65.

1. Z Oddziału Urologicznego Szpitala Miejskiego w Słupsku (Ordynator: lek. med. R. Awstric), z Oddziału Położniczo-Ginekologicznego Szpitala Miejskiego w Słupsku (Ordynator: dr. med. A. Modrzejewski) i z Pracowni Anatomopatologicznej Szpitala Miejskiego w Słupsku (Kierownik: lek. med. K. Lewenstam).

AXENCIUC, V., candidat in stiinta economice

Aspects of financial capital domination in bourgeois-landlord
Romania.. Probleme econ 15 no.5:89-102 My '62.

AXENCIUC, V., candidat in stiinta economice

The report session organized by the Stefan Gheorghiu Party
Higher School under the Central Committee of The Rumanian
Workers Party. Probleme econ 15 no.6:163-164 Je '62.

AXENCIUC, V., candidat in stiinta economice; SURPAT, Gh., candidat in stiinta
economie

Struggle of the working masses under the leadership of the Rumanian
Communist Party against getting out of a crisis to the detriment of
the working people. Probleme econ 16 no.2:16-27 F '63.

AXENCIUC, V., candidat in stiinta economice

Contributions to the study of the 1929-1937 cycle of industrial
production in bourgeois-landlord Rumania. Probleme econ 16
no.7:64-77 J1 '63.

ARZENCUC, V., secretar stiintific

Debating the research activity in the Scientific Council of the
"Stefan Gheorghiu" Party Higher School. Probleme scint 18 no.4:
158-159 Ap '55.

AXENTE, I., prof.; DIHNOVICI, V., prof.; GRUN, I.; MORAR, M.

The cytomegalic disease in sucklings. Anatomicoclinical considerations
on 40 autopsies. Rumanian M Rev. no.4:54-58 '61.
(VIRUS DISEASES in infancy & childhood)

RUMANIA/Diseases of Farm Animals. Diseases Caused R-2
by Bacteria and Fungi

Abs Jour: Ref Zhur - Biol., No 1, 1959, 2821

Author : Bugae, T., Axente, R., Draghici, D.

Inst : Not given

Title : Salmonellosis in Adult Swine

Orig Pub: Probl. scootehn. si veterin., 1958, No 1, 29-36

Abstract: This paper brings a description of an outbreak of salmonellosis among adult swine on a farm which specializes in the fattening of swine. This outbreak was caused by Sal. choleraesuis, var. Lunzendorf. The infection began suddenly and took an acute (in some cases subacute) course. Body temperature rose to 40.5-42° [C], an acute adynamia and anorexia appeared. Erythemas were observed in the neck area near the auricles, as well as on the abdomen, and also hyperemia of visible mucosa, constipation,

Card 1/2

AXENTOWICZ, Marek, mgr., inz.

Application of plastic materials in the construction of blanking dies. Mechanik 34 no.12:606-608 '61.

1. Państwowe Zakłady Teletransmisyjne, Warszawa.

(Plastics)

AXENTOWICZ, M., mgr. inż.

Problems of labor safety in electroplating. Mechanik 35 no.5:
293 My '62.

AXENTOWICZ, Marek, mgr. inż.

Review of plastics used in the construction of cutting dies.
Mechanik 3; no.6:326-328 Je 62.

1. Państwowe Zakłady Teletransmisyjne, Warszawa.

AXENTOWICZ, M., mgr. ins.

"Modern etching of metals" by Max Strauchill. Reviewed by M. Axentowicz. Mechanik 35 no.6:361 Jct '62.

AXENTOWICZ, Marek, mgr inż.

Some modern methods of preparing metallographic specimens. Przegl mech
21 no.24:757-759 25 D '62.

1. Państwowe Zakłady Transmisyjne, Warszawa.

AXENTOWICZ, M., mgr. ins.

"Thermal treatment of metals" by Stanislaw Prowans,
Stefan Okoniewski. Reviewed by M. Axentowicz.
Mechanik 3; no.8:466 Ag '62.

AXENTOWICZ, M., mgr inz.

"Elektrolytic oxidation of aluminum alloys" by A.I. Golubjew.
Reviewed by M. Axentowicz. Mechanik 35 no.9:527 '62.

AXENTOWICZ, Marek, inr ins.; URBANEK, Kazimierz, inr.

Metal protection from corrosion. Mechanik 35 no.11:613-616 N '62.

1. Państwowe Zakłady Teletransmisyjne, Warszawa (for Axentowicz).
2. Komitet ds. Spraw Techniki, Warszawa (for Urbanek).

AXENTOWICZ, Marek, inż.; URBANEK, Kazimierz, inż.

Protection of metals against corrosion. Mechanik 35 no.12:665-668
D '62.

1. Zakłady Teletransmisyjne, Warszawa (for Axentowicz).
2. Komitet do Spraw Techniki, Warszawa (for Urbanek).

AXENTOWICZ, Marek, mgr inż.

Use of plastics in the construction of punching dies.
Przełt techn 85 no.50:8 13 D '64.

AXENTOWICZ, Marcek, mgr inż.

Properties of acrylic stuffs used in the construction of machines
and tools. Przegl techn 86 no.11:10 14 Nr '65.

AXER, A.; SCHWAPPEN, H.; KOVO, J.; SEIDEN, W.

Preventive, early, "mass" transplantation of the tendons in the feet of small children after poliomyelitis. Chir.narz.ruchu 24 no.4:277-285 '59.

1. Z oddziału ortopedycznego szpitala "Assaf Harofe", Crifin (Israel).

(POLIOMYELITIS surg)

(TENDONS transpl)

(FOOT surg)

PASARE, Gh., dr.; AXINESCU, Maria, dr.; POPESCU, E., dr.; GOANTA, I., dr.;
DRAGOTONIU, I., dr.; PASARE, Victoria, dr.

Considerations on a case of rectocolitis due to *Balantidium*
coli. *Microbiologia* 8 no.2:187-190 Mr-Apr '63.

1. Lucrare efectuata la Spitalul din Turnu Severin.
(COLITIS) (BALANTIDIUM) (GASTRITIS)
(DIARRHEA) (ANEMIA)

COUNTRY : ROMANIA
CATEGORY : Farm Animals. Q
The Swine.
ABS. JOUR. : RZhivot., No. 3, 1959, No. 12076
AUTHOR : Radu, A.; Oprousu, S.; Axinte, S.; Sorban, I.
TITLE : The Boar's Weight at the Time of Mating; In-
fluencing the Piglet's Development before
Weaning.
ORIG. PUB. : Probl. zootehn. si veterin., 1958, No 4,
34-36
ABSTRACT : It was established that the piglet's weight at
weaning is chiefly correlated to the weight of
the boar at mating. Pigs of the categories II
and III were mated with boars of the category
I which gave better results than when mating
was performed in the reverse manner.

Card: 1/1

MAIANU, Al.; PASA, Victoria; AXIONOVA, Irina

Application of conductometric method in determining the salinity of some soils, phreatic and irrigation waters of Rumania. Comunicarile AR 11 no.8:979-985 '61.

1. Comunicare prezentata de Gr. Obrejanu, membru corespondent al Academiei R.P.R.

AXLER, A.

"Development and main tasks of the Prumstav National Enterprise in Pardubice." p.114

POZEMNI STAVBY. Praha, Czechoslovakia, Vol. 7, No. 3, March, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

AXMANN, Ales, inz.

Protective shield M-61 for the Cezeta 500 motor scooter. Automobil
Cz 7 no.4:117 Ap '63.

AXMANN, K.

Peptic ulcer of the greater curvature of the stomach with penetration into the anterior abdominal wall (case report) Cesk. rentg. 15 no.3: 186-187 '61.

1. Centralni rtg oddeleni, primar dr. K. Axman, a chirurgicke oddeleni nemocnice, Benesov u Prahy.

(PEPTIC ULCER PERFORATION case reports)

AXMANN, K.

Neurofibroma of the stomach wall. Cesk. radiol. 18 no.6:
416-419 N 164.

1. Rentgenologicke oddeleni (vedouci MUDr. K. Axmann) a
chirurgicke oddeleni) (vedouci MUDr. J. Faltyn) nemocnice
v Benesove.

AXMANN, K. Dr.; PRAŠAK, J. Dr.

Foreign body in the posterior urethra in male; case report. *Chir.* 36 no.5:329-330 May 57.

1. Central rig; odd. prednosta prim Dr Boros Chir. odd nov. v Lahore, prednosta urim Dr Prasad.

(URETHRA, foreign bodies

posterior urethra in male (Gz))

AXMANN, K.; DVORAK, K.

~~Looser zones of the skeleton in primary refractory anemia. Cesk. rentg.~~
12 no.4:259-264 Dec 58.

1. Centralni rtg. odd. nem. v Tabore, prednosta prim. dr. J. Boreš,
interni odd. nemocnice, prednosta prim. dr. M. Jelinek. K. A. predn.
rtg odd. nem. Benesov u Prahy.

(ANEMIA, manifest.

Looser zones on pelvic & metatarsal bones in primary re-
fractory anemia, case report (Cz))

(PELVIS, radiography

Looser zone in primary refractory anemia (Cz))

(METATARSUS, radiography
same)

AXMANN, K.

Malignant teratoma of the minor pelvis. Observations on a 22-year-old pregnant woman and a 47-year-old man. Cesk. rentgen. 17 no.4:253-257 J1 '63.

1. Ustredni rentgenologicke oddeleni nemocnice v Benesove, vedouci MUDr. K. Axmann Gynekologicko-porodnicke oddeleni nemocnice v Benesove, vedouci MUDr. J. Pavlik Chirurgicke oddeleni nemocnice v Benesove, vedouci MUDr. J. Faltyn.
(PELVIC NEOPLASMS) (TERATOID TUMOR)
(PREGNANCY COMPLICATIONS) (FETAL DEATH)
(DYSPEPSIA)

AXMANN, M.

Trends in the development of the technique of Askian regulators. p 218

PROBLEMY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego) Clivice, Poland, Vol. 6, no. 7, July 1958

Monthly list of East European Accession (EEAI) LC., Vol 9, No. 1, Jan 1960

Uncl.

KEMULA, Wiktor; KUBIJK, Zenon; AXT, Andrzej

Investigation of methylene blue solutions by cyclic voltametry on
the HMDE. Roczniki chemii 35 no.4:1009-1020 '61.

1. Department of Inorganic Chemistry, University, Warsaw.

ANT, I

Axt. E. Standardizing the work of analysis. p. 243.

CELIK

Vol. 7, No. 9 Sept. 1954

Warszawa, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10 Oct. 56

AXT, M.; MINCZEWSKI, J.

"Problems of the Modernization of Analytical Methods in the Polish Chemical Industry." P. 41. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 1, Jan. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EERL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

AXT, M.

"Marginal Remarks on M. and S. Debski's Article "Investigation of the Influence of Limestone Impurities on the Decomposition of Nitro-Chalk", P. 260. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 5, May, 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions, (BEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

KEMULA, Wiktor; AXT-ZAK, Andrzej

Polarographic and cyclic voltamperometric investigations of solutions of triphenylmethane dyes. Pt.1, Roczniki chemii 36 no.4:737-745 '62.

1. Department of Inorganic Chemistry, University, Warsaw.

KEMULA, Wiktor; AYT-Z/AK, Andrzej

Influence of solvents on the polarographic behavior of solutions of several triphenylmethane dyes. *Recs chemii* 37 no.1:113-115 '63.

1. Department of Inorganic Chemistry, University, Warsaw.

AY, Janos, dr., adjurktus; HALKOVICS, Laszlo

Debates of dissertations for condidacy. Stat szemle 42
no.8/9:910-916 Ag-S '64.

1. Karl Marx University of Economic Sciences, Budapest (for Ay).
2. Deputy Division Chief, Institute of Industrial Economics
and Plant Organization, Ministry of Heavy Industry, Budapest
(for Halkovics).

AYANOV, M.

For Further Prospering of the Bulgarian Radio. "RADIO" Ministry of
Communications, #9:1:Sep. 55

SOV/11-59-10-8/16

3(5)

AUTHOR:

Ayanov, V.M.

TITLE:

Minor Intrusions of the Dzhuga Mountain and of the Kisha and Bezymyannaya River Basins (North Caucasus)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, No. 10, pp 92-99 (USSR)

ABSTRACT:

The article deals with different intrusive formations of the Dzhuga Mountain and of the Kisha and Bezymyannaya River basins in the western part of the Promezhutochnaya zona (Intermediate Zone) in the North Caucasus (figure 1). These intrusions were already explored and described by Ye. N. D'yakonova-Savel'yeva, A.G. Kobilev, V.A. Zatokovenko, G.D. Afanas'yev, A.A. Kaden-skiy and V.N. Robinson. The exploration showed that there were two intrusive complexes of different ages. The more ancient complex is composed of granitoids, widely spread to the east of the Dzhuga Mountain and forming the Chelepsy moun-tain range, of granites with chloritized biotite, granodiorites and alaskites, the last being typical plutonic crystalline formations considerably metamorphized by secondary processes.

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FOR REF

SOV/11-59-10-8/16

Minor Intrusions of the Dzhuga Mountain and of the Kisha and Bezymyannaya River Basins (North Caucasus)

The stratigraphic occurrence of the said granitoids shows that their intrusion occurred before the Middle-Carboniferous period. The younger, so-called minor intrusions are enclosed in these granitoid intrusions and form the Dzhuga Mountain. Minor intrusions are composed of diorites, granodiorites, quartz diorites, leucocratic granites, granite-aplites and also of dioritic granodioritic cross-veins (figure 2). All these intrusive formations are again intersected by barytic and quartz veins bearing traces of polymetallic mineralization. The age of these minor intrusions is determined by the fact that barytic veins are found in the red-colored Lower Permian stratum and disappear in the overlying grey stratum also of the same period. Consequently, these minor intrusions and their hydrothermal derivatives were formed in the first part of the Lower Permian period. Other intrusive bodies were explored in the Kisha and Bezymyannaya Rivers basin. By their composition they are almost similar to the intrusions of the Dzhuga Mountain. They were all formed in

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SOV/11-59-10-8/16

Minor Intrusions of the Izhuga Mountain and of the Kisha and Bezymyannaya River Basins (North Caucasus)

the interval of time between the Upper-Carboniferous and the second part of the Lower Permian periods. The author further gives a detailed petrographic description of main intrusive rocks and their mineralogical and chemical composition (according to A.N. Zavaritskiy) (tables 1 and 2). It can be seen from the petrographical description that diorites, quartz diorites and granodiorites have common mineralogical features, whereas the comparison of their chemical composition shows two sharply different intrusive series, diorites-granodiorites and granites. Diorites, quartz diorites and granodiorites are characterized by a relatively low content of silica and large content of alumina, magnesio-ferrous and calcareous components. It can be said that diorites, quartz diorites and granodiorites are an allied magmatic formation with two stages of their formation, the diorite stage and the granodiorite and quartz diorite stage (figure 4). The leucocratic granites and granite-aplites are characterized by an identically increased content of silica and alkali. Presum-

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Minor Intrusions of the Izhuga Mountain and of the Kisha and Bezmyannaya River Basins (North Caucasus)

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ably they represent a residual fusion of the granitoid plutonic magma. As to the hydrothermal barytic veins with polymetallic mineralization found in the intrusions and their aureols, the author thinks that they originated from the minor intrusions, "contaminated" with elements of copper, lead and barium, these intrusions thus being the ore-bearing formations. In the hydrothermal stage of development of the intrusive process, the paragenesis of galenite, chalcopyrite, baryte occurs corresponding to the paragenesis of lead, copper and barium dispersed in the magmatic formations. There are 4 diagrams, 3 tables and 8 Soviet references.

ASSOCIATION:

Rostovskiy-ra-Donu gosudarstvennyy universitet (The Rostov-ra-Donu State University)

SUBMITTED:

October 13, 1958

Card 4/4

BARANOV, I.Ya.; AYAYOV, V.M.

New data on the age of granitoids in the Dzhuga-Chelepsy crystalline
massif of the Northern Caucasus. Uch. zap. RGU 44:101-106 '59.

(MIRA 14:1)

(Caucasus, Northern--Granite)

AYANYAN, E. M.

USSR/Miscellaneous - Plastics

Card : 1/1

Authors : Stepanov, R. D., Cand. in Tech. Scs. and Ayanyan, E. M.

Title : Mechanics of the technology and the production of various plastic masses

Periodical : Vest. AN SSSR, 24, Ed. 5, 66 - 67, May, 1954

Abstract : Describes a conference organized by the Institute of Mechanics of the Acad. of Scs. of the USSR for the purpose of studying scientific methods for the treatment of various plastic masses.

Institution : ...

Submitted : ...

AUTHOR: Ayanyan, E. M. (Moscow). 24-4-22/34

TITLE: Plane elastic-plastic equilibrium of a loose medium in the neighbourhood of a cylindrical cavity. (Ploskoye uprugo-plasticheskoye ravnovesiye sypuchey sredey vblizi tsilindricheskoy polosti).

PERIODICAL: "Izv. Ak. Nauk, Otd. Tekh. Nauk" (Bulletin of the Ac. Sc., Technical Sciences Section), 1957, No.4, pp.137-140 (USSR).

ABSTRACT: The polar-symmetrical stress field of a medium is considered in the neighbourhood of a cylindrical cavity under the condition that the limit state of the medium is determined by the Coulomb-Moore law. In the same way as Drucker and Prager (Quarterly of Applied Mat. Vol.X, No.2, 1952), the author of this paper assumes that the Coulomb-Moore criterion, eq.(1), which determines the limit state of the medium, coincides with the plastic potential. He also assumes that the medium occupies an area which is delimited by two concentric cylindrical surfaces with internal and external radii equalling a and b respectively. Repeating the considerations of Koiter (3), which are valid for the ideally plastic body, it can be stated that: no load relief will take place in the material surrounding the cavity in the case of increasing pressure; the circumferential stress cannot become the intermediate main stress; as in an ideally plastic body the area of limit equilibrium is sub-divided into two zones. An

Card 1/2

Plane elastic-plastic equilibrium of a loose medium in
the neighbourhood of a cylindrical cavity (Cont.)
example of numerical evaluation of the results for a
given case is represented by Figs. 5 and 6.
There are 4 figures, 3 references, one of which is
Russian.
December 27, 1956.

SUBMITTED:

AVAILABLE:

Card 2/2

AYANIAN, E.M. (Moskva)

Deformations at a plane elastoplastic equilibrium of a loose medium
in the vicinity of a cylindrical cavity. Inv. AN SSSR. Otd. tekhn. nauk.
Mekh. i mashinostr. no. 5:151-153 S-O '62. (MIRA 15:10)
(Cylindrical) (Deformations (Mechanics))

AYANYAN, E.M. (Moskva)

Stressed state of a cylindrical pipe in flexible loose medium.
Izv. AN SSSR. Otd. tekhn. nauk. Mekh. i mashinostr. no. 3:113-114
My-Je '63.

(Pipe) (Soil mechanics)

(MIRA 16:8)

AYANYAN, K.M.

Canned purslane as a cause of botulism. Gig. i san. no. 10/72-73
0 160. (MIRA 13:12)

1. Iz Yerevanskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(BOTULISM) (PURSLANE—TOXICOLOGY)

AYAPOV, U. ---

"Investigation of the Structure and Water Resistance of Hardened Gypsum."
Can Tech Sci, Inst of Metallurgy and Ore Dressing, Acad Sci Kazakh SSR, 25 Oct 54.
(KP, 13 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (10)

SO: Sum. No. 481, 5 May 54

15-57-5-6578

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 125 (USSR)

AUTHORS: Butt, Yu. M., Ayapov, U. A.

TITLE: Improvement in the Properties of Structural Gypsum by
the Addition of Portland Cement and Sulfite-Alcohol
Waste (Uluchsheniye svoystv stroitel'nogo gipsa pri
dobavke portlandtsementa i sul'fitno-spirtovoy bardy)

PERIODICAL: Sb. nauch. rabot po khimii i tekhnol. silikatov.
Moscow, Promstroyizdat, 1956, pp 167-177.

ABSTRACT: The introduction of 5 to 10 percent portland cement in
structural gypsum increases its strength and moisture
resistance. This procedure makes it possible to use
gypsum products in climates with a relative humidity up
to 85 percent. The introduction of portland cement in
large proportions (20 to 40 percent of the weight of
the gypsum and cement mixture), although it also
increases the strength of structural gypsum hardening
in air to an even greater extent, does not provide the

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Improvement in the Properties of Structural Gypsum (Cont.) 15-57-5-6578

necessary moisture resistance. The principal cause of destruction of the products made from a mixture of gypsum and portland cement while they are kept in water is the formation and growth of large quantities of calcium hydrosulfo-aluminate crystals in a mass that has already begun to harden. The introduction of portland cement together with sulfite-alcohol waste in structural gypsum increases the quality of the product to a greater extent than the addition of portland cement alone.

Card 2/2

V. P. Ye.

AYAPOV, U.

math

Electrolyte is an accelerator of setting of portland cement.
 U. Ayapov, *Vestnik Akad. Nauk Kazakh. S.S.R.* 12, No. 21, 77-87 (1965) (in Russian).
 Addition of electrolytes to the cement results in accelerated setting, probably caused by improved conditions for interaction of the latter with the medium caused by better dispersing action of the aqueous solutions. The effect can be shown in decreasing magnitude in the following series of anions and cations: Cl^- , SO_4^{2-} , complex anions; Li^+ , Na^+ , Mg^{2+} , Ca^{2+} , Fe^{3+} , Al^{3+} , complex cations. The activity of electrolytes is expressed by a magnitude inversely proportional to the product of the sum of component ionic radii and the sum of charges of the ions.
 G. M. Kosolapoff

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62349

Author: Butt, Yu. M., Iyapov, U.

Institution: None

Title: On the Mechanism of the Effects of Lime on Hardening Process and
Properties of Construction Gypsum

Original

Periodical: Tr. Mosk. khim.-tehnolog. in-ta, 1956, No 21, 162-173

Abstract: By petrographic, electron-microscopy, roentgenographic, thermo-
graphic and chemical methods an investigation was made of the ef-
fects produced by ground quicklime (L) on the properties of boiled
and high-strength gypsum (G). Addition of L decreases thickness,
retards setting, increases strength, water-resistance, impermea-
bility and stability to cold weather of boiled G. Optimal addition
of L is 5%. Addition of L to high-strength G has a detrimental ef-
fect. The beneficial effect of an addition of L to boiled G is due

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62349

Abstract: to catalytic action of L on soluble (mostly) and insoluble anhydrides contained in commercial G and also to a decrease in thickness of the G which increases the density of the articles. An addition of L increases the rate of growth of G crystals and of the crystallization process which is due to increase in solubility of G semihydrate and decrease in solubility of G dihydrate. The greater the difference in solubilities of these 2 modifications of G the higher is the rate of dissolution of G semihydrate and also the rate of crystallization of G dihydrate from the liquid phase. Hydration of G semihydrate is slowed down on addition of L as a result of the formation of an adsorption layer at the surface of G grains, and at the same time addition of L promotes the growth of larger crystals of L-dihydrate.

Card 2/2

AYAPOV, U.

Effect of certain factors on the effectiveness of portland-cement
hardening elements. Trudy Inst. stroi. i stroimat. AN Karakh. SSR
2:109-124 '59. (MIRA 12:10)
(Portland cement)

AYAPOV, U.A.

Expediency of air separation in the grinding of portland cement to
improve its mineralogical content. Trudy Kazakh fil.
Asia no.2:207-209 '60. (MIRA 15:2)
(Portland cement)

BUTT, Yu.M.; AYAPOV, U.

Causes of the poor water resistance of plaster elements.
Vest. AN Kazakh. SSR 16 no.2:40-43 F '60.

(MIRA 13:6)

(Plaster)

ACCESSION NR: AR4020789

8/0271/64/000/002/B054/B054

SOURCE: RZh. Avtomat., telemekh. i vychislitel. tekhnika, Abs. 2B338

AUTHOR: Bukreyev, I. N.; Marakyan, Yu. S.; Ayasyan, A. A.; Kapilevich, I. B.

TITLE: Certain applications of UHF diode multiplexers in arithmetic units of discrete computers

CITED SOURCE: Tr. In-ta kibernetiki. AN GruzSSR, v. 1, 1964, 111-116

TOPIC TAGS: diode multiplexer, UHF diode multiplexer, discrete computer, arithmetic unit, waveguide commutator, carry circuit, successive carry circuit

TRANSLATION: A method is described for accelerating the operation of an arithmetic unit by using a waveguide commutator in the successive carry circuit. To fit this method into a computer, the parallel and series elements and circuits of the logic must be structurally distinct. Examples are given of the accumulator built on this principle, as well as of the waveguide unit using a D403V diode. Orig. art. has 4 refs.
S. P.

DATE ACQ: 03Mar64

SUB CODE: SD, CP

ENCL: 00

Card 1/1

L 47313-65 EWA(h)/EWI(1) Feb 68

ACCESSION NR: AT5007883

S/0000/34/000/000/0125/0131

22
BH

AUTHOR: Ayasyan, A. A.; Margvelashvili, I. I.; Filimonov, M. N.

TITLE: Some characteristics of the generation process in pulse systems with delayed feedback based on reflected signals

SOURCE: AN GruzSSR. Institut kibernetiki. Elementy kiberneticheskikh sistem (Elements of cybernetic systems). Tiflis, Izd-vo Metsniyereba, 1964, 125-131

TOPIC TAGS: pulse generator, driver oscillator, nanosecond techniques, high-speed computer, delayed feedback

ABSTRACT: Experiments with a delayed feedback pulse generator are described in which the delay line is a short-circuited section of line with feedback by multiple signal reflection. A block diagram of the generator and a detailed schematic of the delay circuit are given in figs. 1 and 2 of the Enclosure. The authors examine the characteristics of the generation process in systems with a feedback delay time which differs from the natural relaxation time of the automatic control unit for the feedback factor. Synchronous oscillograms of the voltages at different points in the circuit for continuous and interrupted generation are given. In the example

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47313-65

ACCESSION NR: AT5007883

given, the pulse duration at the expander output was 0.1 μ , the prf was 1 mc, and the pulse amplitude was 30-35. Delayed feedback generators are the most effective types in nanosecond technology for generation of short-duration pulses with a high prf. The advantages of the described unmatched type over the matched type are noted. Use of the short-circuited delay line makes it easy to change the oscillation frequency, since different sections of the delay line can be grounded. The small number of elements, design simplicity, and stability of its prf make the described generator widely applicable as a driver oscillator in high-speed digital computers. Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 07Jul64

NO REF SOV: 004

ENCL: 01

OTHER: 002

SUB CODE: DP

Card 2/3

AYAZYAN, E. O.

USSR/Chemistry - Physical chemistry

Card 1/1

Pub. 22 19/54

Authors

Ayazyan, E. O.

Title

The zero charge potential and the mechanism of the action inhibitors of acid corrosion of iron

Periodical

Dok. AN SSSR 100/3, 473-476, Jan 21, 1955

Abstract

Experiments were conducted to determine the zero charge of Fe in sulfuric acid. The measurements were carried out by means of a DC-impedance bridge with zero balance which permitted simultaneous measurements of the capacitance and resistance of the electrode. A study of the acid corrosion inhibition processes showed that in cases where the forces of specific adsorption prevail over the electrostatic repulsion forces the adsorption of cations is possible even on positively charged surfaces. It was found that adsorbed halide ions not only displace the zero-charge potentials and change the surface charge but also change the forces which determine the specific adsorption. Six USSR references (1948-1953). Graphs.

Institution : The M. V. Lomonosov State University, Moscow

Presented by : Academician A. N. Frumkin, August 7, 1954

AYBA, G. G., Cand Agr Sci -- (diss) "Study and selection of parental types for producing crossbred hybrids of corn under the conditions of the Abkhazskiy ASSR." Leningrad, 1960. 19 pp; (All-Union Order of Lenin Academy of Agricultural Sciences im V. I. Lenin, All-Union Scientific Research Institute of Horticulture); 150 copies; price not given; (KL, 19-60, 136)

TUSHKANOV, Boris Andreyevich, inzh. BOCHAROV, Vasily Ivanovich,
inzh.; KRUIZE, Valeriy Vladimirovich, inzh.; SCRIN, Naum
Abramovich, inzh.; KALININ, V.K., red.; AYBASHEVA, T.V.,
red.;

[VL60 and VL80 main line a.c. locomotives] Magistral'nye
elektrovozy peremennogo toka VL60 i VL80. [By] B.A.
Tushkanov i dr. Moskva, Transport, 1964. 555 p.
(MIRA 17:7)

MURZIN, L.G.; SIDOROV, N.I., red.; AYRASHEVA, T.V., red.

[Electric power economy in electric railroad rolling stock] Ekonomiya elektricheskoi energii na elektropodvizhnom sostave. Moskva, Transport, 1964. 58 p.

(MIRA 17:10)

1. Nachal'nik otдела teplotekhniki Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Murzin).

GRUBER, Leonid Osipovich, inzh.; ZASORIN, Sergey Nikolayevich,
kand. tekhn. nauk, dots.; PERTSOVSKIY, Lazar' Moiseyevich,
inzh.; AYBASHEVI, T.V., red.

[Electric power plants and traction substations] Elektri-
cheskie stantsii i tiagovye podstantsii. Moskva, Transport,
1964. 423 p. (MIRA 17:12)

METELKIN, Boris Aleksandrovich, kandi. tekhn. nauk; CHELOUSOV,
Leonid Alekseyevich, inzh.; KORSHUNOV, Vladimir Aleksandrovich,
inzh. Prinsipial'noye uchastie PAL'KOM, V.E., inzh.; AYBASHEVA, T.V.,
red.

[Increasing the economic efficiency of electric traction
systems with rectifier-type locomotives] Povysheniye effektiv-
nosti ustroystv elektricheskoi tiagi s vypriamitel'nymi elek-
trovozani. Moskva, Transport, 1965. 175 p. (MIRA 18:1)

1. Institut kompleksnykh transportnykh problem Gosplana SSSR
(for all except Aybasheva).

BULATOV, Toriy Antonovich, inzh.; GRIN'KOV, Boris Nikolayevich,
inzh.; KUT'IN, Aleksandr Ivanovich, inzh.; MANUKHOV,
Vitaliy Andreyevich, inzh.; SUKHOPRUDSKIY, N.D., red.;
AYBASHEVA, T.V., red.

[Automatic systems of d.c. traction substations] Ustroi-
stva avtomatiki tiagovykh podstantsii postoiannogo toka.
[By] T.A.Bulatov i dr. Moskva, Transport, 1965. 215 p.
(MIRA 18:2)

LEPKOV, L.F.; YASTREBOVA, V.F.; CHEKAREV, I.I.; MILINKOVICH,
V.I.; SHILKINA, L.M.; AYBASHEVA, T.V., red.

[Manual of estimates and norms for the overhauling of buildings and structures in railroad transportation] Smetno-normativnyi spravochnik po kapital'nomu remontu zdaniy i sooruzheniy zheleznodorozhnogo transporta. Moskva, Transport, Pt.2. Sec.2. 1965. 184 p. (MIRA 18:8)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
2. Normativno-tekhnologicheskii sektor Proyektno-konstruktor-skogo byuro Glavnogo upravleniya elektrifikatsii i energeticheskogo khozyaystva Ministerstva putey soobshcheniya SSSR (for all except Aybasheva).

CHERNYSHEVICH, Fedor Ignat'yevich, inzh.; GURETSKIY, Semen
Aleksandrovich, inzh.; KULISP, Viktor Fedorovich. inzh.;
Prinimal uchastije MIRONOV, K.A., inzh.; ROMAEINA, I.V.;
AYBASHEVA, T.V., red.

[Safety procedures in the repair of electric rolling stock]
Tekhnika bezopasnosti pri remonte elektropodvizhnogo sostava.
Moskva, Transport, 1965. 98 p. (MIRA 18:8)

USSR / Zooparasitology. Mite and Insect Vectors of
Disease Agents. Insects.

G

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19727

Author : Aybascv, Kh. A.; Shakirzyanova, M. S.
Inst : Zoological Institute AS KazSSR

Title : Materials on the Fauna of Horseflies in
Southwestern Altay

Orig Pub : Tr. In-ta zool. AN KazSSR, 1958, 8, 209-214

Abstract : An ecological and fauna review of horseflies,
based on collection materials in 1954-1955
out of Leninogorskiy, Katon-Karagayskiy
and Zyryanovskiy Rayons of the Vostochno-
Kazakhstanskaya Oblast'.

Card 1/1

L 10530-65 ZWT(m)/EWP(w)/T/EWP(k)/EPA(bb)-2/EWP(b) Pf-4 ASD(f)-2/
ASD(m)-3/AFMDC YJW/JD
ACCESSION NR: AP403068 S/0129/84/000/004/0011/0014

AUTHOR: Getsov, L. B.; Aybinder, M. S.; Barkan, Ye. M. B

TITLE: Effect of heat treatment on cold-shortness of stainless steels 16

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 4, 1964, 11-14

TOPIC TAGS: heat treatment, steel, stainless steel, 2Kh13 steel, Kh17N2 steel, turbocompressor blading steel, turboexpansion engine blading steel, cold shortness, cold brittleness 7

ABSTRACT: First stage blading for turbine expansion engines and compressors, made out of 2Kh13 and Kh17N2 steel, very often operates at negative temperatures. In connection with this, the blading material should have an adequate impact strength at temperatures down to -70C. This paper concerns the analysis of the effect of heat treatment on cold-shortness of 2Kh13 and Kh17N2 steels. The steels' properties were studied on billets of 14x14 mm cross section. After heat treatment hardening of the 2Kh13 steel from 950, 1000, 1050 and 1100C,

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L 10570-65
ACCESSION NR: AP403066

the Rockwell C hardness consisted of 48, 49, 53 and 53, respectively. When the hardening temperature is increased, a higher degree of temper is required in order to attain the given hardness. Such a mechanism is not observed in the case of the Kh17N2 steel owing to the high hardness during tempering at 450C. Ductility of both steels, after all of the heat treatment conditions were attempted, corresponds to standard specifications wherein $\delta \geq 15\%$, and $\psi > 50\%$. Only in the case of hardening from 1040 C and tempering at 300-450C is there an elongation of 12 to 14% in the Kh17N2 steel. The 2Kh13 steel has a troosto-sorbite structure. The impact strength of the 2Kh13 steel is lowered with a rise in the hardening temperature. This was not observed in the case of the Kh17N2 steel. The cold-shortness of the 2Kh13 steel, hardened from 1050-1100C and having a Brinnell hardness number 107, consists of -40 to -60C. The impact strength of the Kh17N2 steel during testing to -70C consists of 5 kgm/cm² at a Brinnell hardness number of 229-380. Oil quenching from 950-1000C is recommended for augmenting the cold-shortness resistance of the 2Kh13 steel. The tempering temperature depends upon mechanical property requirements and should not be

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L 10530-65
ACCESSION NR: AP4030681

lower than 630C. Oil quenching from 950-1040C and tempering at 450 to 600C is recommended for the Kh17N2 steel. Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: Leningradskiy zavod "Ekonomayzer" (Leningrad "Economizer" works)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 000

Card 3/3

AYBINDER, S.B.; GLUDE, H.K.; LOGINOVA, A.Ya.; FRANCH, A.S.; NASTRIGINA, E.F.

Basis of the theory of pressure welding. Avtom. svar. 17 no.5:21-27
My '64. (MIRA 17:11)

1. Institut mashinovedeniya AN Latvyskoy SSh.

MEDVEDEV, V.S.; AYBULATO', N.A.

Using "marked" sands for studying bottom drifting. Izv. AN SSSR.
Ser.geog.no.4:90-102 J1-Ag '56. (MLRA 9:10)

1. Institut okeanologii Akademii nauk SSSR.
(Seashore)

AYBULATOV, N.A.

LEONT'YEV, O.K., kandidat geograficheskikh nauk; AYBULATOV, N.A.;
OBRUCHEV, V.A., akademik.

New data on Proval Bay. Priroda 45 no.6:87-89 Je '56. (MLRA 9:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Baikal, Lake)

20-2-33/50

Aybulatov, N. A.

AUTHOR:

Aybulatov, N. A.

TITLE:

The Determination of the Thickness of Flow of Suspended Sand Alluvium Along the Sea-Shore (Opredeleniye moshchnosti potokov vzveshennykh peschanykh nanosov u morskikh beregov)

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 116, Nr 2, pp. 281 - 283 (USSR)

ABSTRACT:

This determination represents one of the important tasks in the establishing of hydrotechnical buildings on sea-shores. The current methods for calculating the mobile sand masses are very inaccurate and hard to apply to sand-shores with a large width of the alluvial flow. The possibility of studying these motions directly in the underwater slope of the shore was given by the method of coloring the sand with organic luminophores. For this purpose and overhead chain- and trolley conveyor, 200 m wide, was established which permitted an investigation during the storm in the zone of the most intensive displacement of the sand material. The section where work was done is a shoal-like accumulative shore near Anapa on the Black Sea. The underwater slope is complicated by 3 elevations of the ground. The mechanical composition of the alluviums is rather nonotonous (fraction 0,10 - 0,25 mm). The inclination

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20-2.33/50

The Determination of the Thickness of Flow of Suspended Sand Alluvium Along the Sea-Shore

northwest and $31\ 000\ m^3$ from the southeast. Thus an equidirectional flow hardly exists, but only local migrations of sand material. From the data given follows that a considerable portion of the entire flow of sand falls to the suspendedly moved alluviums. This has to be taken into account in calculations of hydrotechnical buildings on sand shores. There are 2 figures and 8 Slavic references.

ASSOCIATION: Institute for Oceanology AN USSR
(Institut okeanologii Akademii nauk SSSR)

PRESENTED: April 29, 1957, by A.A. Grigor'yev

SUBMITTED: April 29, 1957

AVAILABLE: Library of Congress

Card 3/3

AYBULATOV, N.A.

New investigations of marine sand drifts along seashores. Biul.
Okean. kom. no.1:72-80 '58. (MIRA 11:9)

1. Chernomorskaya eksperimental'naya nauchno-issledovatel'skaya
stantsiya Instituta okeanologii AN SSSR.
(Seashore) (Sedimentation and deposition)

114 BUL ATOV, N.A.

MEDVEDEV, V.S.; AYBULATOV, N.A.

Using luminescent substances and a ropeway for the study of sand-
shore dynamics. Trudy Inst. okean. 28:37-55 '58. (MIRA 11:5)
(Coast changes)

S/C10/60/000/004/005/006/XX
A053/A026

AUTHORS: Aybulatov, N.A.; Nikolayev, V.P.

TITLE: Jubilee Conference of the Black Sea Experimental Scientific Research Station of the Institute of Oceanology of the AS USSR

PERIODICAL: Izvestiya Akademii nauk SSSR, seriya geograficheskaya, 1960, No. 4, pp. 139 - 142

TEXT: The year 1959 marks the 10th anniversary of ChENIS (Black Sea Experimental Scientific Research Station of the Institute of Oceanology). During this period a number of achievements contributed to the success of the Black Sea Station. In the Laboratoriya morskoy elektroniki (Laboratory of Naval Electronics) the first underwater TV sets were produced, with which the scientific research submarine "Severyanka" is equipped. The same laboratory designed a device for checking the filling up of the trawl net with fish. ChENIS has also developed an electromagnetic method of measuring currents while the ship is moving. Important works are being conducted on the problem of dynamics and morphology of sea coasts, on the subject of alluvium and of the processes of shifting-sand deposits. Highly valued are the investigations of the laboratory on the relief of

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S/010/60/000/004/005/006/XX
A053/A026

Jubilee Conference of the Black Sea Experimental Scientific Research Station of the Institute of Oceanology of the AS USSR

the sea bottom and the seismoacoustics, covering a number of problems pertaining to the geology of the Black Sea and the Mediterranean bottoms. The jubilee conference was opened by K.V. Neglyad, Director of the Station, which comprises at present 9 laboratories with a staff of 125 men. Three expeditionary ships are at their disposal. The following papers were presented: N.A. Aybulatov, on the results of 5 years of work by the station concerning the shift of alluvia (sand deposits) under natural conditions. Under the supervision of V.P. Zenkovich, a method of direct observation of the dynamics of alluvia had been elaborated by means of luminophores, enabling the author to measure the absolute speed of sand movements at different swells. Ye.N. Yegorov, on the dynamics of subaqueous sand banks and on the morphology of the Black and the Azov Seas, tracing back the origin of sand banks to 2 basic causes, viz. waves and undercurrents. B.A. Schulyak spoke on waves on the surface of quick sands, describing the relationship which exists between ripples on the bottom of the sea (ground deformations) and wave currents. Thus it is possible to analyze petrified ripples and determine the kind of waves which have created them. Great interest presented a proposed

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S/010/60/000/004/005/006/XX
A053/A026

Jubilee Conference of the Black Sea Experimental Scientific Research Station of the Institute of Oceanology of the AS USSR

method of preventing hydrotechnical installation, viz. ports, channels, etc, from becoming obstructed by sand, which method consists in placing concrete blocks temporarily in the zones of obstruction. V.P. Goncharov dealt with problems concerning geomorphology and geology of the Black Sea, giving information on the results of the bathometric and geomorphological works carried out systematically with an echo sounding device HЭЛ-5, МС-26 (NEL-5, MS-26) of the Kelvin and Hughes system. A bathometric map of the Black Sea was plotted giving hitherto unknown details about the relief of the bottom, and registering the deepest point of the sea as being 2,212 m. Yu.P. Neprochnov reported on "The geological structure and acoustic properties of the bottom of the Black Sea." N.S. Kormyshev spoke on "The dynamics of local vortex formations on the Caucasian coast of the Black Sea." The report of A.A. Visnevskiy was devoted to the methods of carrying out oceanographic investigations, developed by the station, especially in view of some new electric instruments. V.A. Yegorova reported on "The influence of state and direction of winds on the salt contents of atmospheric deposits." Investigations, supervised by S.V. Bruyevich, aimed at analyzing the specific characteristics of chemical composition of atmospheric deposits during sea and continental winds. ✓

Card 3/4

S/010/60/000/004/005/006/XX
A053/A026

Jubilee Conference of the Black Sea Experimental Scientific Research Station of
the Institute of Oceanology of the AS USSR

N.P. Yegorenko gave information on "The state of synoptic processes over the Black Sea". D.M. Filippov spoke on "Deep horizontal circulation of the waters of the Black Sea" (attaining speeds up to 5 - 7 miles during 24 h at a depth of 750 m). N.V. Naglyad reported on the results of the first expedition of the S.S. "Akademik S. Vavilov". D.M. Filippov reported on "The horizontal circulation of waters of the Mediterranean". V.P. Goncharov spoke on the first results obtained from the investigations of the bottom of the Mediterranean, mentioning the discovery of a new mountain in the center of the Tyrrhenian Sea, probably of volcanic origin. Ye.M. Emel'yanova spoke on the deposits on the bottom of the Mediterranean.

Card 4/4

FRANK I BOOK EXPLOITATION 307/5331

International Geological Congress. 21st, Copenhagen, 1960.
 Morakaya geologiya (Marine Geology) Moscow, Izdat. AN SSSR, 1960.
 205 p. 2,500 copies printed. (Series: Doklady sovetskikh
 geologov, problema 10)

Editorial Board: P. L. Bezrukov, Resp. Ed.; A. V. Zhivago, V. P.
 Zonkovich and G. B. Udintsev; Ed. of Publishing House: V. S.
 Shyngman; Tech. Ed.: V. Karpov.

PURPOSE: This book is intended for geologists and oceanographers.
 COVERAGE: The book contains 18 articles representing the reports
 given by Soviet geologists at the 21st. International Geological
 Congress. The articles deal with the
 sedimentation, and tectonics of coasts (Western Pacific and
 Southern Indian), as well as the geomorphology and tectonics of
 the Black and Caspian Seas and Soviet sectors of the Baltic.
 An English résumé accompanies each article. No personalia.

Skopov, M. N., I. Ye. Mikhail'skaya, G. B. Udintsev, I. B. Andreyeva, A. P. Lisitsyn, and Yu. I. Meryuchinov. Results of Salinimetric Investigations of the Lurich's Crust Under Seas and Oceans	35
Saidova, Kh. N. Stratigraphy of Sediments and the Paleogeography of the Northwestern Pacific and the Far Eastern Seas of the USSR According to Sea-Bottom Foraminifers	59
Lisitsyn, A. P. Formation of Sediments in the Southern Pacific and Indian Oceans	69
Lapins, M. N., and N. A. Belov. Bottom Sedimentation Con- ditions in the Arctic Ocean	88
Gondcharov, V. P., and Yu. P. Meryuchinov. Bottom Geomorphology and Tectonic Problems of the Black Sea	94
Bolotov, V. P., L. S. Malakova, and G. V. Arpova. Relief and Recent Floor Structure of the Southern Caspian Sea	105
Gershanovich, D. Ye. Recent Shelf Deposits in the Marginal Seas of Northeast Asia	116
Klenova, M. V. The Geology of the Barents Sea	123
Gorshkova, T. I. Sediments in the Norwegian Sea	132
Tkacheva, N. V. Study of the Diagenesis of Some Marine Sediments	140
Zakharovich, Z. P., O. K. Leont'yev, N. A. Ye. M. Kereskiy. The Influence of the Eustatic Post-glacial Transgression on the Development of the Coastal Zone of Soviet Seas	154
Arkhutov, M. A., Y. L. Bolotov, and V. P. Zankovich. Some New Data on Sediment Streams Along Shores	164
Rudakov, V. I., A. S. Lomov, P. A. Kaplin, and V. S. Meryuchov. Recent Vertical Movements of Seashores in the Soviet Union	175
Leont'yev, O. K. Types and Formation of Lagoons on Recent Seashores	188

Card-4/3

(2)

AYBULATOV, N.A.

Role of winds in the dynamics of accumulative shores with offshore shallows. Trudy Inst. okean. 48:341-346 '61. (MIRA 15:1)
(Coast changes)

AYBULATOV, N.A.

Observations on sand transport along an accumulative shore with
offshore shallows. Trudy Inst. okean. 53:3-18 '61. (MIRA 15:2)
(Coasts)(Sedimentation and deposition)

AYBULATOV, N.A.; SHADRIN, I.F.

Some data on snad transport along the shore near natural obstacles
(capcs, river branches). Trudy Inst. okean. 53:29-36 '61.

(MIRA 15:2)

(Coastal)(Sedimentation and deposition)

AYBULATOV, N. I. A.; SHADRIN, I. F.

Role of rip currents in sand transport in the coastal zone.
Trudy Inst. okean. 53:19-28 '61. (MIRA 15:2)
(Coasts)(Ocean currents)(Sedimentation and deposition)