MKRTCHYAN, K.A.; BARSEGYAN, L.A.; OGANESYAN, Dzh.A.; ARUTYUNYAN, A.R.; AYVAZYAN, S.M.

Ancient mining and metallurgic structures of Metsamor (Armenia). Izv. AN Arm.SSR Nauki o zem. 17 no.2:69-74 '64. (MIRA 17:8)

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov Armyanskoy SSR.

MKRTCHYAN, K A.

MKRTCHYAN, K.S.; AYVAZYAN, S.M.

Raw material resources and the melting system in Metsamor. Izv. AN Arm. SSR Nauki o zem. 17 no.6:73-81 '64 (MIRA 18:2)

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov Armyanskoy SSR i AN ArmSSR.

AZARYAN, G. Kh.; BABAYAN, A.S.; TASLAKYAN, [illegible]; MKRTUMYAN, [illegible]

Possibilities for the radiation control method against the [illegible] seed moth (Lepidoptera, Gelechiidae). Ent. oboz. 44 no. 4: 762-769 '65 (MIRA [illegible])

1. Armyanskiy nauchno-issledovatel'skiy institut zemledeliya, Yerevan.

MKRTCHYAN, Kh.O.

Experimental electronarcosis combined with administered thiopental anesthesia and muscle relaxants. Zhur.eksp.i klin.med. 4 no.5:11-14 '64. (MIRA 18:11)

1. Khirurgicheskaya klinika Yerevanskogo instituta usovershenstvovaniya vrachey.

MKRTCHYAN, L. (Kirovakan, Armyanskaya SSSR).

Repair of switch-plugs. Kinomekhanik no.7:37 Jl '53. (MLRA 6:8)
(Electric contractors)

MANVELYAN, M.; KOSTANYAN, K.; MKRTCHYAN, L.; BADALYAN, S.

Using lithoidal pumices of the Lusavan deposit as raw material for founding bottle glass. Prom.Arm. 4 no.5:42-45 My '61. (MIRA 14:8)

1. Nauchno-issledovatel'skiy institut khimii Sovnarkhoza Armyanskoy SSR.
(Armenia--Pumice)

MARKARYAN, S.Ye., aspirant; MARTCHYAN, L.A., mladshiy nauchnyy sotrudnik

Some physicomechanical properties of farm manure and methods for their determination. Trudy Arm. nauch.-issl. inst.zhiv. i vet. 4:149-157 '60. (MIRA 15:5)

(Farm manure)

MARKARYAN, S.Ye., kand.tekhn.nauk; MKRTCHYAN, L.A., inzh.

Testing of a caprone cable operating as a pull exerting component in scraper systems. Mekh. i elek. sots. sel'khoz. 21 no.4:50-51 '63. (MIRA 16:9)

1. Armyanskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Fertilizer spreaders)

BEGLARYAN, A.G.; MKRTCHYAN, L.N.

Experimental data on the reproduction of verrucous endocarditis by heterogenic splenic DNA. Izv. AN Arm. SSR. Biol. nauki 17 no.10:59-64 O '64. (MIRA 18:8)

1. Yerevanskiy meditsinskiy institut, kafedry patologicheskoy anatomii.

MKRTCHYAN, L.N.

Content of DNA and protein and glycoprotein fractions in the blood in various forms of collagen diseases. Zhur. eksp. i klin. med. 5 no.1:105-109 '65. (MIRA 18:10)

CHILINGARYAN, A.A.; [illegible] Ye.P.; MKRTCHYAN, I.I.

Hereditary [illegible] and changes in the [illegible] amount in Pekin [illegible] caused by [illegible] of isolated erythrocyte nuclei from [illegible] different species. Dokl. Akad. SSR Bel. [illegible]

1. Zoologicheskiy institut AN Arm SSR.

CHILINGARYAN, A.A.; PAVLOV, Ye.F.; MKRTCHYAN, I.P.

Change in the quantity of DNA in the nuclei of liver cells in rabbits following intervarietal crossing. Izv. AN Arm. SSR Biol. nauki 17 no.9:3-8 S '64 (MIRA 18:1)

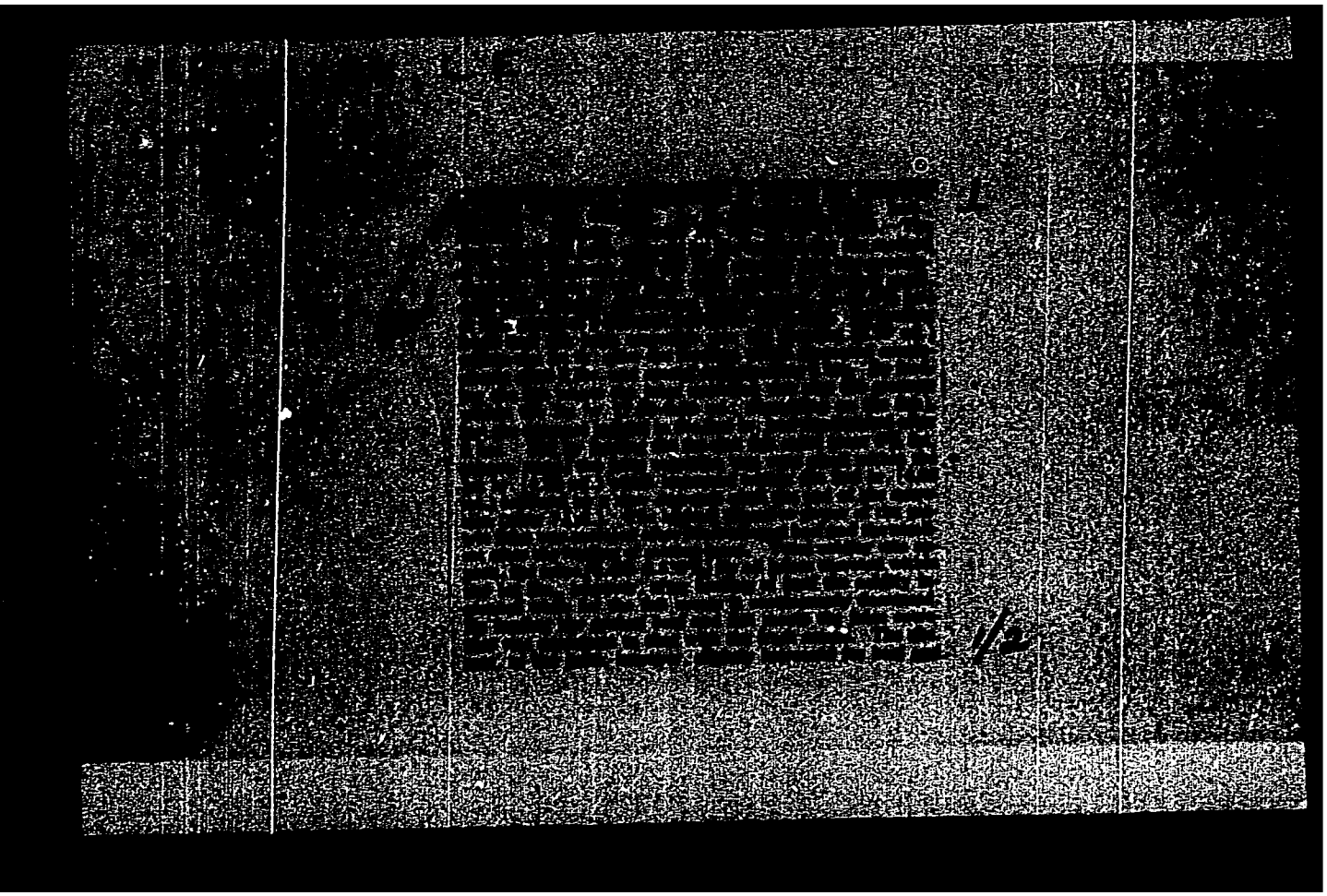
1. Zoologicheskiy institut AN Armyanskoy SSR.

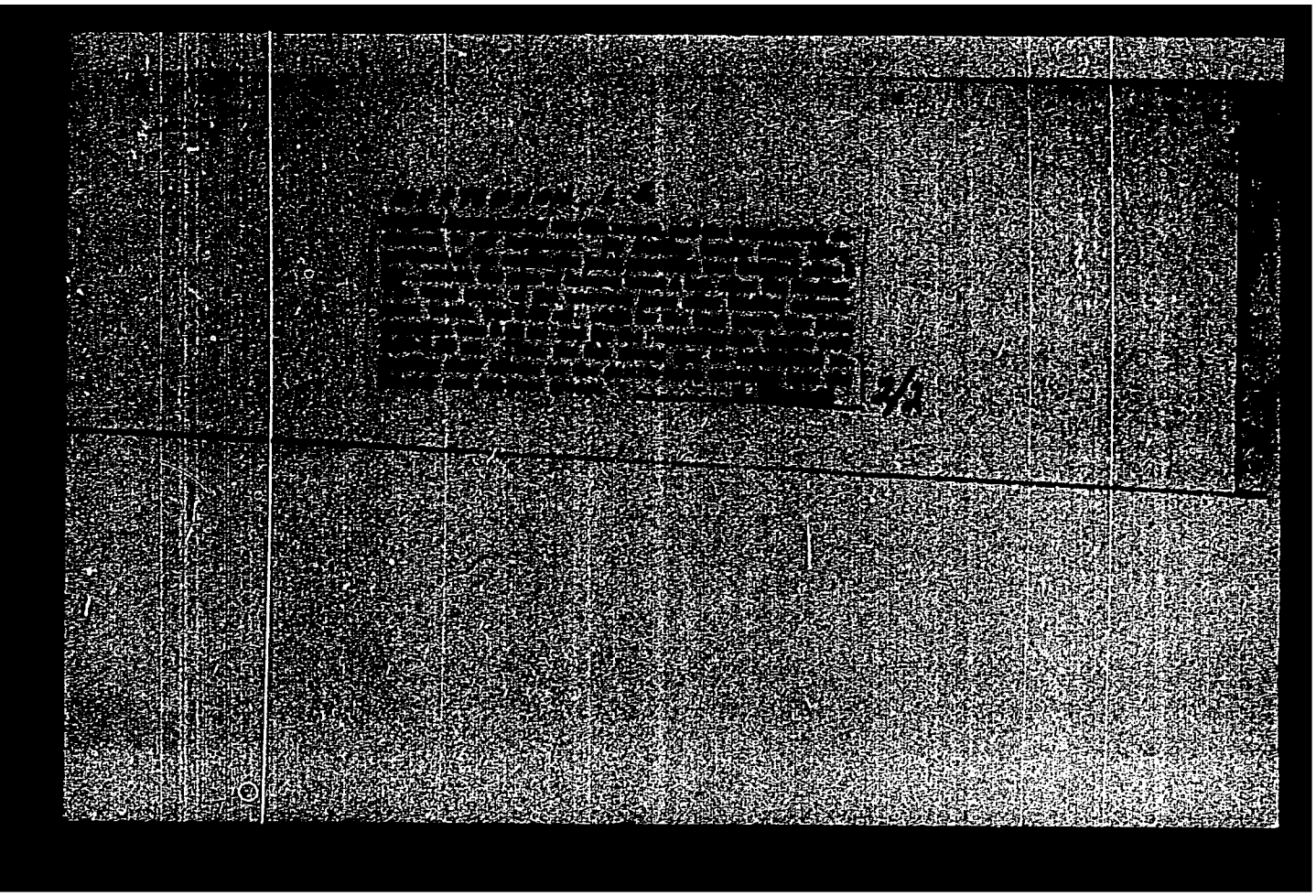
[redacted], I. Ya. --

"Shifts in the Secretory and Motor Functions of the Stomach Due to the Flesh of Certain Species of Fish Under Chronic Experimental Conditions." Cand Med Sci, Yerevan Medical Inst, 3 Nov 54. (K, 22 Oct 54)

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

SO: Sum. No. 481, 5 May 55





MKRTCHYAN, L.Ye.; BRAGINA, A.N.; ZLOBIN, L.I.

Study of the natural radioactivity of the soil and plant cover of the Armenian S.S.R. Trudy Erev.med.inst. no.11:145-150 '60.
(MIRA 15:11)

1. Kafedra obshchey gigiyeny Yerevanskogo meditsinskogo instituta (for Mkrtchyan). 2. Institut radiatsionnoy gigiyeny, Leningrad (for Zlobin).

(RADIOACTIVITY) (ARMENIA—PLANTS) (ARMENIA—SOILS)

MKRT'CHYAN, L.Ye.

Natural radioactivity of some foodstuffs in the Armenian S.S.R.
Izv. AN Arm. SSR. Biol. nauki 13 no.6:65-69 Je '60. (MIRA 13:8)

1. Kafedra obshchey gigiyeny Yerevanskogo meditsinskogo instituta.
(ARMENIA--FOOD--ANALYSIS) (RADIOACTIVITY)

MKRTCHYAN, L.Ye.

Effect of some milk products on the secretory function of the stomach. Vop. pit. 21 no.2:33-36 Mr-Ap '62. (MIRA 15:3)

1. Iz kafedry obshchey gigiyeny (zav. - prof. L.A. Arutyunyan) Yerevanskogo meditsinskogo instituta.
(STOMACH--SECRETIONS) (DAIRY PRODUCTS)

4

[illegible], [illegible] N

Kompleksnyy metod proizvodstva rabot [illegible] [illegible] [illegible] [illegible] po ... [illegible] ... [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]. [Detailed instructions for [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. (Zhel-dor. transport, [illegible], no. [illegible], [illegible]. [illegible] [illegible] railway]. [illegible]

[illegible]: Soviet Transportation and Communications, A Bibliography, [illegible] [illegible] [illegible] [illegible]
Reference Department, [illegible] [illegible], [illegible], Unclassified.

MKRTCHYAN, M.N., inzh. (stantsiya Mineral'nyye Vody)

Communication system for the transfer of information on freight flows. Zhel.dor.transp. 44 no.6:78-79 Je '62. (MIRA 15:8)
(Railroads--Communication systems)

AKHSAROV, M.B. (Mineral'nyye Vody); MKRTCHYAN, M.N. (Mineral'nyye Vody)

Improving the passenger service. Zhel.dor.transp. 44 no.8:79-80 Ag '62. (MIRA 15:8)

1. Zamestitel' nachal'nika Mineralovodskogo otdeleniya Severo-Kavkazskoy dorogi (for Akhsarov). 2. Starshiy inzh. Mineralovodskogo otdeleniya Severo-Kavkazskoy dorogi (for Mkrtchyan).
(Railroads—Station service)

MKRTCHYAN, M.V.

Problems of systematic exploitation of oil fields. Neft.khoz. 33 no.2:13-22 F '55. (MLRA 8:4)
(Oil fields)

MKRTCHYAN, M.V.

Problems of the planning and value estimation of mineral resources. Sov. geol. 7 no.16:113-121 '64. (MIRA 17:11)

1. TSentral'nyy nauchno-issledovatel'skiy ekonomicheskiy institut.

MANVELYAN, M.G.; KHANAMIRYAN, A.A.; BAKHCHISARAYTSEVA, S.A.;
TALIASHVILI, B.A.; MKRTCHYAN, E.T.

Desiliconizing pure potassium aluminate solutions.
TSvet. met. 35 no.7:45-51 Jl '62. (MIRA 15:11)
(Potassium aluminate)

MANVELYAN, M.G.; KHANAMIRYAN, A.A.; MKRTCHYAN, N.T.; BAKHCHISARAYTSEVA, S.A.; TALIASHVILI, B.A.

Desiliconization of pure potassium aluminate solutions in presence of chemical additives. TSvet. met. 35 no.11:66-74 N '62. (MIRA 15:11)

(Potassium aluminate) (Silicon)

MKRTCHYAN, O.M.

Division and correlation of carbonate formations. Geol. nefti i gaza 3 no.12:23-28 D '59. (MIRA 13:4)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.
(Bashkiria--Geology, Stratigraphic) (Carbonates)

3(5)

AUTHORS: Lipina, O. A., Mkrtchyan, G. M., Khachatryan, R. O.

TITLE: The Kizelovskiy Horizon of the South-western Part of the Birskaya Saddle (Kizelovskiy gorizont yugo-zapadnoy chasti Birskoy sedloviny)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, No 6, pp 1323-1326 (USSR)

ABSTRACT: An unspecified exposure of the Tournaisian and of carbonate Upper Devonian deposits in the region mentioned in the title can neither be satisfactorily classified nor observed in the east of the Russian platform, in contrast with the remainder of the afore-mentioned horizon. The authors proved, however, that the greater upper part of the exposure mentioned belongs to the Kizelovskiy horizon. The horizon is here approximately 250 m thick, i.e. it is ten times thicker than the adjacent regions. This region (Chekmagushevskaya area) can be divided into three rock complexes of different thickness: a lower carbonate (7-50 m), a middle argillite-carbonate, and an upper siliceous-argillite carbonate complex. According to the Foraminifera- and Ostracoda fauna, the upper part of the lower

Card 1/3

The Kizelovskiy Horizon of the South-western Part [illegible] of the Birskaya Saddle

complex belongs to the Upper Devonian, strictly speaking, to the zone of the Septatournayella rauserae Lip. and is by no means younger. Foraminifera were determined from the limestones of the upper part of the argillite-carbonate complex (1[illegible]), 1593-1596 m deep respectively, which are characteristic of the Cherepetskiy horizon of the Tournaisian. This horizon is 17 m thick. The upper siliceous-argillite-carbonate complex belongs to the Kizelovskiy horizon. The upper part of the horizon mentioned, 150 m thick on the average, consists mainly of limestones with dolomite intermediate strata (15-20 m thick). The top of the Kizelovskiy horizon is represented by fine siliceous and argillite intermediate strata. They form a characteristic striated thickness of rock with an average thickness of 7-9 m. The fact that it occurs in all exposures without exception is indicative of a gradual transition of the carbonate rocks of the Kizelovskiy horizon to the upper terrigenous formations. Considerable variations in the thickness of the Kizelovskiy horizon in various regions of the eastern part of the Russian platform undoubtedly indicate a distinctly differentiated character of the tectonic movements

Card 2/3

The Kizelovskiy Horizon of the South-western Part of the Birskaya Saddle SOV/20-125-6-42/61

during the Kizelovskoye period. There are 1 figure and 1 Soviet reference.

ASSOCIATION: Institut geologii i razrabotki goryuchikh iskopayemykh Akademii nauk SSSR (Institute of Geology and Mining of Mineral Fuels of the Academy of Sciences of the USSR) Institut geologicheskikh nauk Akademii nauk SSSR (Institute of Geological Sciences of the Academy of Sciences of the USSR)

PRESENTED: December 16, 1958, by N. S. Shatskiy, Academician

SUBMITTED: December 13, 1958

Card 3/3

MIRCHINK, M.F.; MKRTCHYAN, O.M.

Reef structures of the Birsk saddle. Dokl.AN SSSR 138 no.6:1424-1427 Je '61. (MIRA 14:6)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.
2. Chlen-korrespondent AN SSSR (for Mirchink).
(Birsk region--Geology, Structural)

SEMIKHATOVA, S.V.; CHIZHOVA, V.A.; MKRTCHYAN, O.M.

Stratigraphy and facies of the Lower Carboniferous of the Kama-Kinel' Depression. Trudy VNII no.34:[illegible]-280 '62. (MIRA [illegible])
(Kuybyshev Province--Geology, Stratigraphic)
(Orenburg Province--Geology, Stratigraphic)

KRESTOVNIKOV, V.N.; LIPINA, O.A.; MKRTCHYAN, O.M.; CHIZHOVA, V.A.

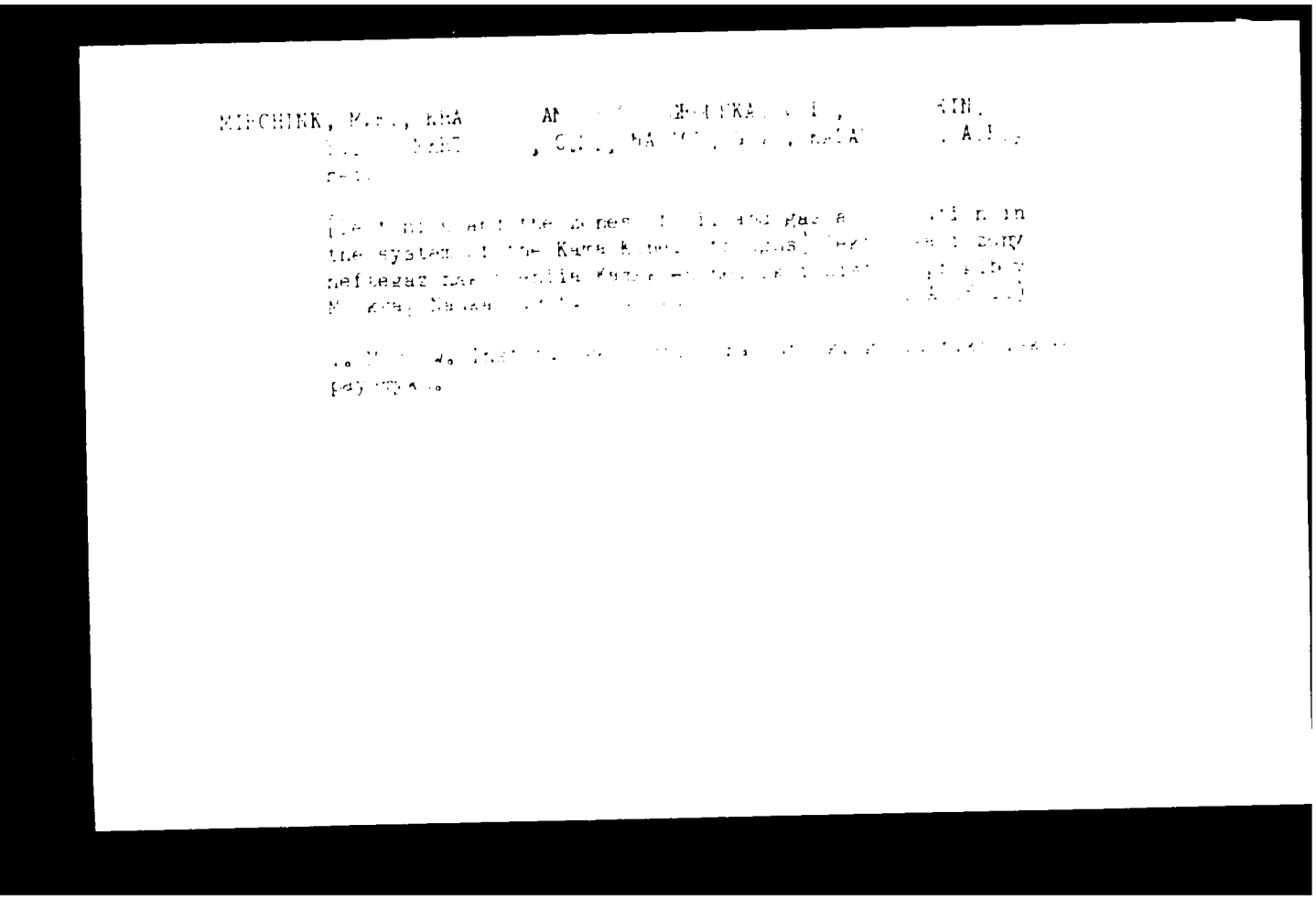
The depression-type section of the upper Devonian carbonate stratum of the Birsk saddle Dokl. AN SSSR 142 no.6:1365-1368 F '62. (MIRA 15:2)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR, Institut geologicheskikh nauk AN SSSR i Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut
(Birsk Region—Geology, Stratigraphic)

MKRTCHYAN, Oleg Mkrtychevich; MIRCHINK, M.F., otv. red.

[Upper Devonian reefs and their role in the formation of oil-bearing structures to the east of the Volga-Ural region] Verkhnedevonskie rify i ikh rol' v formirovanii neftenosnykh struktur vostoka Uralo-Povolzh'ia. Moskva, Izd-vo "Nauka," 1964. 117 p. (MIRA 17:7)

1. Chlen-korrespondent AN SSSR (for Mirchink).



MKRTCHYAN, O.M.; KH[illegible], F.[illegible], [illegible]GINOVA, F.[illegible].

Application of [illegible] for the exploration [illegible]-bearing structures [illegible]ted with Upper Devonian reefs. Geol. nefti i gaza 9 no.[illegible]-53 F '65. (M[illegible] 18:[illegible])

1. Institut geologi[illegible] razrabotki goryuchikh iskopayemykh i trest Bashneft[illegible].

MKRTCHYAN, O.M.

Correlation of local structures in Devonian and Carboniferous [illegible] in Kama-Kinel' troughs. Geol. nefti i gaza [illegible].

1. Institut geologii i razrabotki goryuchikh iskopayemykh.

MIRCHINK, M.F.; MKRTCHYAN, O.M.

Devonian granitelike [illegible]
Dokl. AN SSSR 164 [illegible]

1. Institut [illegible]
2. Chlen-korrespondent [illegible] (for Mirchink).

MIRCHINK, M.F.; KHACHATRYAN, R.O.; MKRTCHYAN, O.M.; GR[illegible]EVA, V.I.; MITREY[illegible]N, Yu.B.; NA[illegible]Y, [illegible].V.

Outlook for finding petroleum and trends in prospecting operations in the Kara-Kinel' system of troughs. Geol. nefti i gaza [illegible] [illegible] 165.

MKRTCHYAN, R.

AID - P-179

Subject : USSR/Aeronautics

Card : 1/1

Author : Mkrtchyan, R., Capt., Engineer

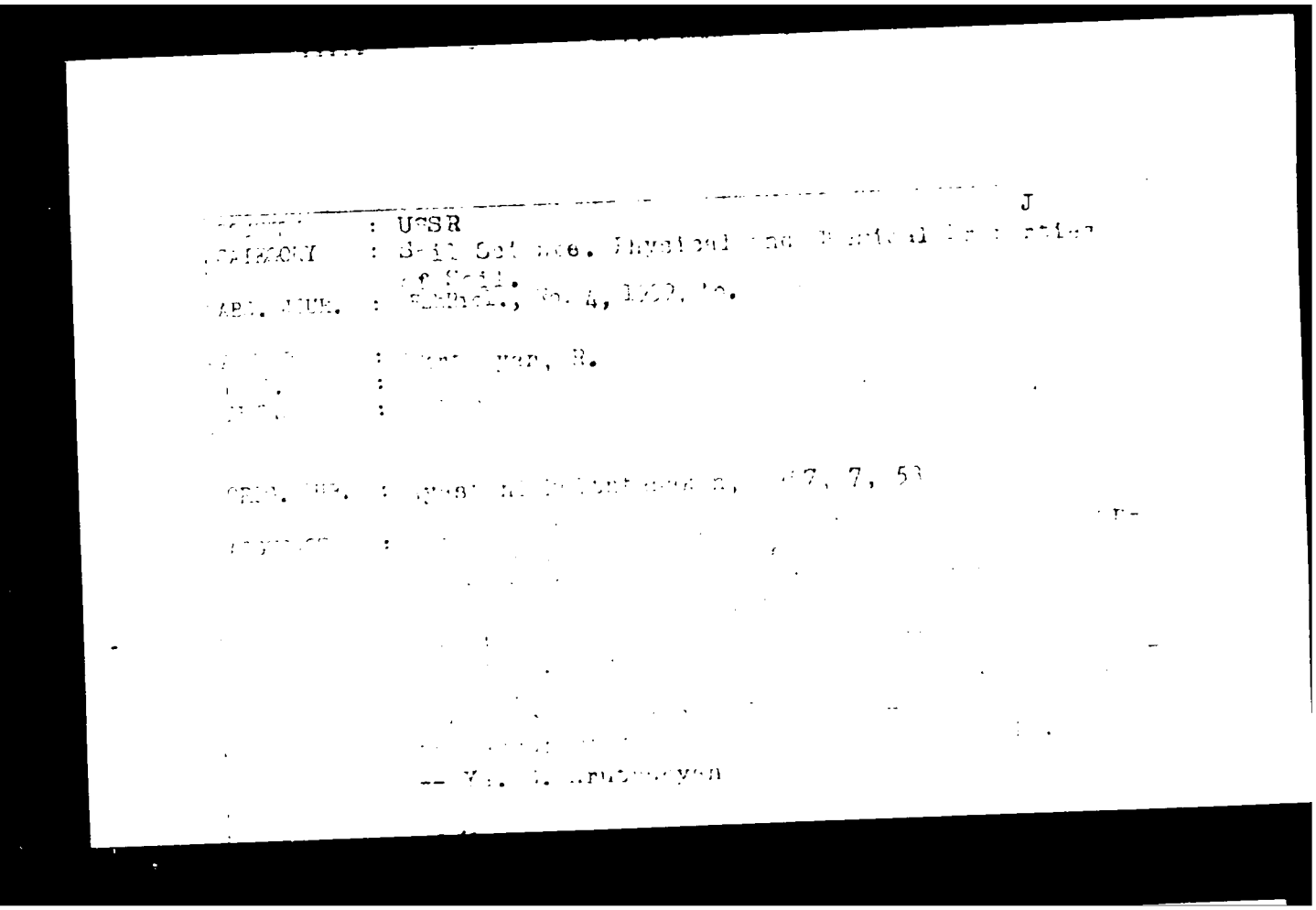
Title : Some Special Feature of Operation of Reactive Engines in Winter Weather Conditions

Periodical : Air Force Herald, 1, 83 - 85, Ja 1954

Abstract : The author outlines the special features of operation in cold weather conditions and gives general advice to follow.

Institution : None

Submitted : No date



: USSR

J

MKRTCHYAN, R., kand.arkhitektury

Aspects of architectural planning in noncontractual housing construction. Zhil.stroi. no.7:16-19 '58. (MIRA 12:6)
(City planning) (Apartment houses)

MKRTCHYAN, R., kand. arkhitektury

Experience with housing construction on state farms. Sel'. stroi. no.12:6-7 D '62. (MIRA 16:1)

(Leningrad Province—Apartment houses)

MKRTCHYAN, R., kand. arkhitektury

Dwellings for small families in state farm villages. Zhil. stroi. no.6:12-17 '63. (MIRA 16:10)

MKRTCHYAN, R. G. "Pr[illegible]lysis [illegible] Tissue Following Gamma-Irradiation [illegible] Animals."
Proteolytic processes intensified in various tissues and regions of [illegible] irradiated
with [illegible] r. Proteolytic activity depended upon the dose [illegible].

candidate dissertation listed in Meditsinskaya radiologiya, no. , 1964. The article does not state specifically what degree was awarded. The annotated titles deal with studies on radiation physiology, radiation biochemistry, combined trauma and the influence of radiation on regenerative processes, radiation protection and dosimetry, and radiation pharmacology

S/739/60/001/000/007/015
E020/E185

27 1220

AUTHOR: Mkrtchyan, R.G., Aspirant

TITLE: Autolysis of the blood in radiation injury

SOURCE: Akademiya nauk Armyanskoy SSR. Sektor radiobiologii. Voprosy radiobiologii. v.1, 1960, 93-101

TEXT: The rate of autolysis of the blood of rats before and after exposure to X-irradiation in a dose of 600-1000 r was investigated. Citrated blood diluted 1:20 with saline was incubated at 37 °C for 8 hours, and the extent of autolysis was determined from the content of amino-nitrogen after precipitation of protein with trichloroacetic acid. Blood taken 3 hours after irradiation showed 2 - 3 times as much autolysis as the pre-treatment sample, and the increase in extent of autolysis continued until 7 - 8 days after irradiation. During this time there was a marked fall in the content of amino-nitrogen in the blood in vivo. The results indicate that increased autolysis of the blood is one of the earliest manifestations of radiation sickness.

Card 1/2

Autolysis of the blood in ... S/739/60/001/000/007/015
E020/E185

There are 4 figures.

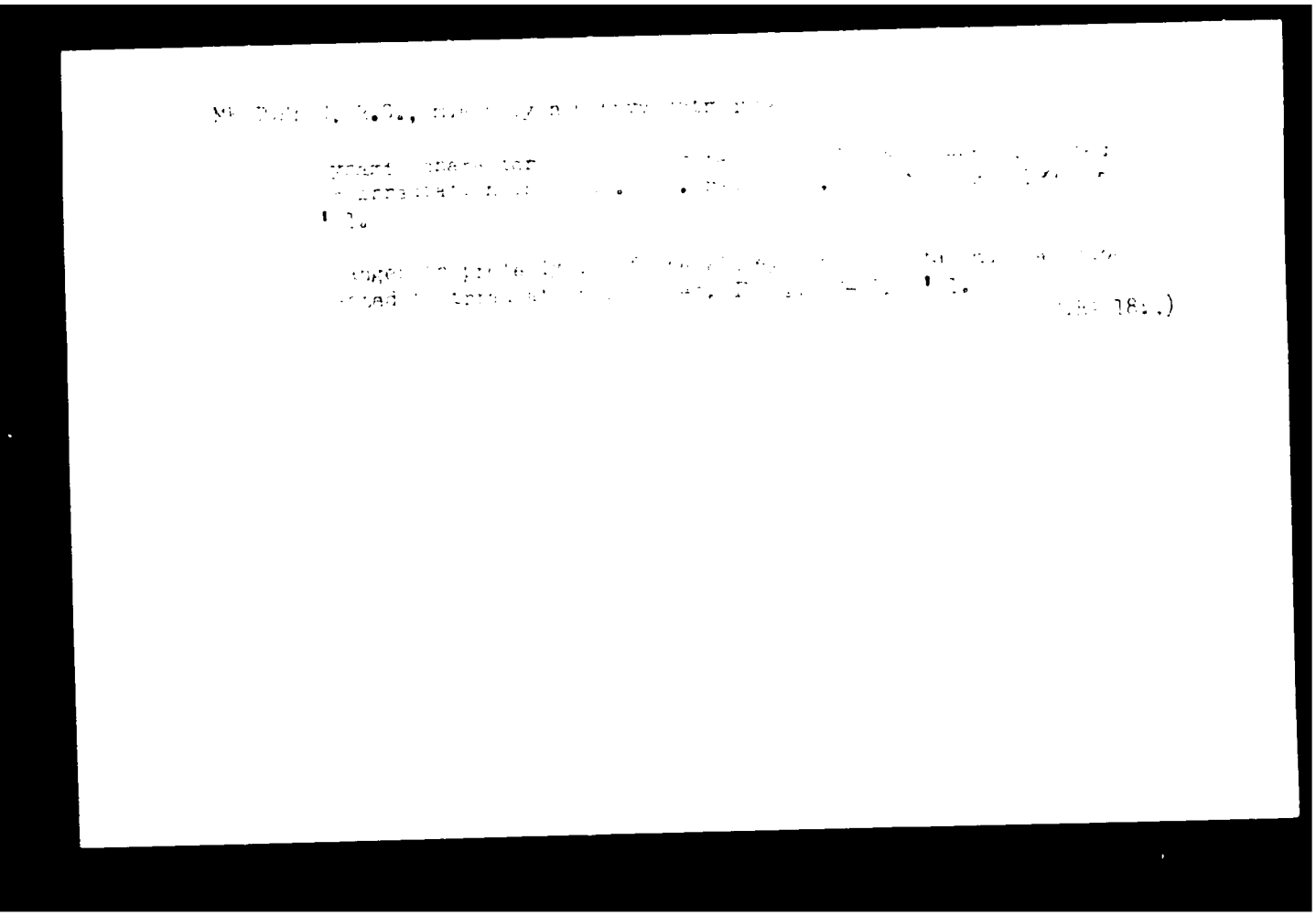
ASSOCIATION: Sektor radiobiologii AN ArmSSR i
Kafedra biofiziki MGU
(Radiobiological Section, AS Arm.SSR, and
Department of Biophysics, MGU)

Card 2/2

MKRTCHYAN, R.G.

Some problems concerning the survival capacity and protolysis as influenced by the administration of cysteine and thioruea before and after gamma irradiation. Izv. AN Arm. SSR. Biol. nauki 14 no.3:55-64 Mr '61. (MIRA 14:3)

1. Sektor radiobiologii Akademii nauk ArmSSR i Kafedra biofiziki Moskovskogo gosudarstvennogo universiteta.
(RADIATION PROTECTION) (CYSTEINE) (UREA)



MKRTCHYAN, R.G.; TARUSOV, B.N.

Antiproteolytic factor of the blood plasma of animals and its changes due to radiation injury. Dokl. AN SSSR 142 no.2:462-464 Ja '62. (MIRA 15:2)

(BLOOD PLASMA)
(PROTEINS)
(GAMMA RAYS--PHYSIOLOGICAL EFFECT)

MKRTCHYAN, R.I.

Method of differential use of therapeutic nutrition in hypertension combined with adiposis under conditions of health resort treatment. Zhur. eksp. i klin. med. 2 no.5:101-108 '62.
(MIRA 18:10)

1. Pyatigorskiy institut kurortologii i fizioterapii.

MKRTCHYAN, A.S.

Basic characteristics of the distribution of frosts in the Armenian S.S.R. Izv. AN Arm. SSR. Nauki o zem. 17 no.1:45-61 '64. (MIRA 17:2)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.

L 2005-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c)/ETC(m)
JD/HW/EM
ACCESSION NR: AP5018622 UR/0022/65/018/003/0036/0042

AUTHOR: Vardanyan, G. S.; Mkrtchyan, R. Ye. 42 41 B

TITLE: Investigation of nonstationary stresses by the photoelasticity 26 method

SOURCE: AN ArmSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v. 18, no. 3, 1965, 36-42

TOPIC TAGS: internal stress 18, metal stress, stress concentration 26, polarographic analysis, similarity theory

ABSTRACT: The authors propose a method for investigating nonstationary stresses by means of polarization-optical measurements, and describe the results obtained in tests of a cantilever beam weakened by three holes, under free damped oscillation. The similarity conditions under which polarization-optical measurements of models made of polymer materials can be applied to real structural members are derived. The apparatus consisted of PPU-5 polarization equipment and high speed motion picture camera SKS-1M. Monochromatic light was obtained from a DRSh-250 mercury lamp with green filter (λ= 546.1 nm). The pictures were taken at 4[illegible].0 frames per second.

Card 1/2

L 2005-66

ACCESSION NR: AP5018622

The distribution of the stress at a selected point of the beam were determined from the time variation of the interference fringes photographed by the camera. A method of converting these data into actual stresses of a steel beam is briefly described. Orig. art. has: 3 figures and 8 formulas.

ASSOCIATION: Institut matematiki i mekhaniki AN Armyanskoy SSR (Institute of Mathematics and Mechanics, AN ArmSSR)

SUBMITTED: 06Jul64 ENCL: 00 SUB CODE: ME, MM

NR REF SOV: 002 OTHER: 000

Card 2/2

MKRTCHYAN, S.

Photoelectric unit for automatic control of cigarette packaging and packing machines. Prom.Arm. 4 no.5:34-35 My '61. (MIRA 14:8)

1. Glavnyy energetik Yerevanskoy tabachnoy fabriki.
(Cigarette industry--Equipment and supplies)
(Electronic control)

MKRTCHYAN, S. A.

713. Tulyareniya. Yerevan, Aypetnar, 1954. 28s. s ill. 19sm. (M-vo zdyavookhraneniya Aem. SSr). 5.000 ekz. 30k.—Na arm. yaz- [54-55037] 616.952

SO: Knishnaya Letopis, Vol. 1, 1955

[illegible], Sh. A.

"[illegible] State Breeding Farm." Cand Vet Sci, [illegible] This Invasion on the [illegible] Zooveterinary Inst, Min Higher Education [illegible], Yerevan, 1958. [illegible]

SO: Sum. No. [illegible], [illegible] - Survey of Scientific and [illegible] Dissertations Defended at USSR Higher Educational Institutions [illegible]

ZOTOV, A.I., prepodavatel'; MKRTCHYAN, Sh.A.

Chlorophos in controlling warble files in cattle. Veterinariia 37 no.6:74 Je '60. (MIRA 16:7)

1. Omskiy sel'skokhozyaystvennyy tekhnikum (for Zotov).
2. Nachal'nik upravleniya sel'skogo khozyaystva Gorno-Altayskoy avtonomnoy oblasti (for Mkrtchyan).
(Warble flies) (Chlorophos)

MKRTCHIAN, S.A.

Epizootic plague foci in Armenia. Zhur. eksp. i klin. med. 3 no.1: 93-97'63. (MIRA 16:10)

1. Armyanskaya protivochumnaya stantsiya.
(ARMENIA —PLAGUE)
(ARMENIA — RODENTS AS CARRIERS OF DISEASE)

MKRTCHYAN, S.M.; ZAKHARCHENKO, M.A.

Reciprocal system consisting of sodium and strontium bromides and nitrates. Zhur. neorg. khim. 7 no.8:1967-1969 Ag '62. (MIRA 16:6)

1. Rostovskiy-na-Donu institut sel'skokhozyaystvennogo mashinostroyeniya, kafedra obshchey khimii.
(Systems(Chemistry))

ZAKHARCHENKO, M.A.; MKRTCHYAN, S.M.

Ternary reciprocal system consisting of bromides and nitrates of sodium and barium. Zhur. neorg. khim. 8 no.6:1450-1452 Je '63. (MIRA 16:6)

1. Rostovskiy-na-Donu institut sel'skokhozyaystvennogo mashinostroyeniya, kafedra obshchey khimii.
(Systems(Chemistry) (Fused salts)

L 1298-66 EWT(d)/T LJP(c)

ACCESSION NR: AP5021853 UR/0280/65/000/004/0077/0091

AUTHOR: Mkrtchyan, S. O. (Moscow) 44,55

TITLE: Algorithm for the establishment of a formal neuron with optimum parameters 44,55

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 4, 1965, 77-91

TOPIC TAGS: algorithm, neuron, cybernetics

ABSTRACT: After presenting a detailed explanation of the appropriate symbols and terminology, the present author describes the algorithm for the choice of the optimum version of the neuron (neuron with a minimum number of fibers of a given configuration). The procedure is illustrated by the establishment of a neuron from the Venn diagram given threshold Venn diagram and the method for the establishment of a neuron from the Venn diagram shown in Fig. 1 of the Enclosure. Orig. art. has: 10 formulas, 6 figures, and 8 tables.

ASSOCIATION: None

SUBMITTED: 21Nov64 ENCL: 01

NO REF SOV: 001 OTHER: 003 SUB CODE: LS, DP

Card 1/2

23
B

L 1298-66

ACCESSION NR: AP5021853

ENCLOSURE: 01

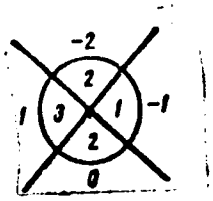


Fig. 1. Example of a threshold Venn diagram

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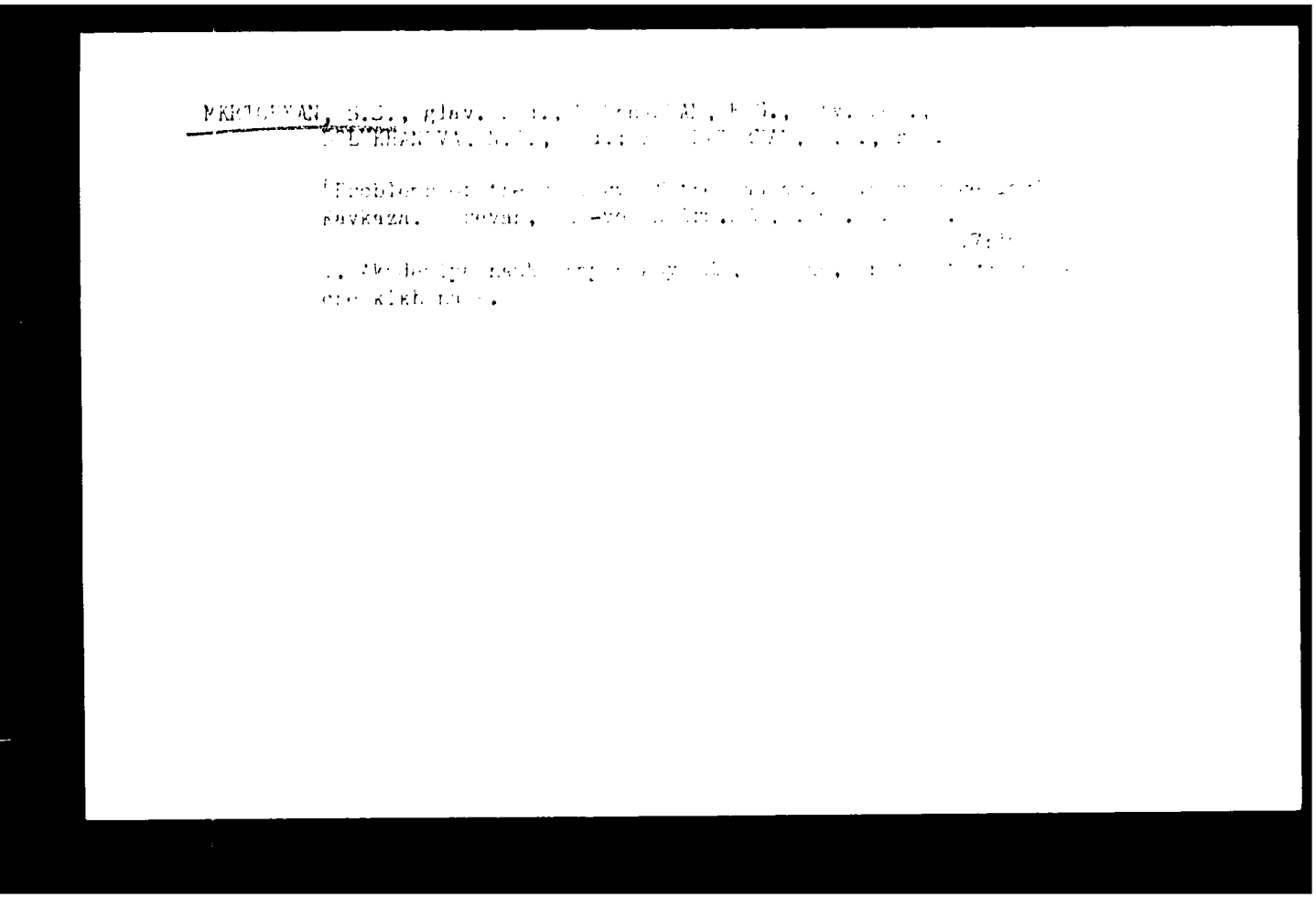

MKRTCHAN, S.S., TVALCHRELIDZE, G.A., KACHKAY, M.A., BELLI'NI, A.Ye., MAGAR'YAN, I.G., KHARCHUK, L.P.

"On Metallogeny in the Caucasus." Report presented at the Inter-departmental Conference on the Problems of the Metallogeny of the Caucasus, Tbilisi 8-13 May 1957.

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MAGAK'YAN, I. G.

MAGAK'YAN, Ivan Georgiyevich; MKRTCHYAN, S.S., otvetstvennyy redaktor; AZIZBEKYAN, L.A., tekhnicheskiy redaktor

[Dispersed and rare earth metals] Rasseiannye i redkozemel'nye metally. Erevan, Izd-vo AN Armianskoi SSR, 1957. 63 p. (MLR, 10:5)

(Metals)

MKRTCHYAN, S.S.

Geology and ore-bearing capacity of the Alaverdi ore region. Izv. AN Arm. SSR. Ser. geol. i geog. nauk 10 no.3:31-43 '57. (MIRA 10:12)
(Alaverdi region--Ore deposits)

MKRTCHYAN, S.S.

Achievements of science in the study of the geological structure and mineral resources of Armenia. Izv. AN Arm. SSR. geol. i geog. nauk 10 no.4:3-12 '57. (MIRA 11:2)
(Armenia--Geology)

Mkrt. hyan, S.S.

MAGAK'YAN, I.G. MKRTCHYAN, S.S.

Relation between structure, magmatism, and metallogeny as illustrated by the Lesser Caucasus. Izv. AN Arm. SSR. geol. i geog. nauk 10 no.4:67-76 '57. (MIRA 11:2)

1.Institut geologicheskikh nauk AN ArmSSR.
(Caucasus--Ore deposits)

MKRTCHYAN, S. S.

with I. G. Magak'yan "The genetic relation between mineralization and magmatism as shown by the example of the Malyy Kackaz"

report presented at the Second All-Union Conf. on Petrography, Tashkent, 1-3 May 1958 (Geokhimiya, 7, 1958, p 67)

MKRTCHYAN, Sergey Sedrakovich; MAGAK'YAN, I.G., akademik, otv.red.; [illegible], L.A., tekhn.red.

[Zangezur ore-bearing region of the Armenian S.S.R.; geology, ore deposits, their genesis and prospects for exploiting them] Zangezurskaia rudonosnaia oblast' Armianskoi SSR; geologiia, rudnye mestorozhdeniia, ikh genezis i perspektivy. Erevan, Izd-vo Akad.nauk Armianskoi SSR, 1958. 286 p. (MIRA 12:2)

1. Akademiya nauk Armyanskoy SSR (for Magak'yan).
(Armenia--Ore deposits)

MAGAK'YAN, I.G.; [illegible], S.S.

Genetic relationship between mineralization and magmatic activity as revealed in the Lesser Caucasus. Zap.Arm.otd. Vses.min.ob-va no.1:7-30 1959. (MIRA 14:10)
(Caucasus--Minerals)

MKRTCHYAN, S.S.

Kaler molybdenite deposit. Zap.Arm.otd.Vses.min.ob-va no.1:117-118 1959. (MIRA 14:10)
(Armenia--Molybdenite)

OGANEZOV, Gurgen Gavrilovich, prof.; MELTONYAN, S.S., akademik, retsenzent; ADAMYAN, A.T., kand. geol.-miner. nauk, retsenzent; I. LEVIKHIN, I.I., prof., retsenzent; AVAKYAN, A.K., red.

[Underground waters of the Ararat Plain] Podzemnye vody Araratskoi kotloviny. Erevan, Aiastan. Vol.1. 196-. 14- p. (MIRA 18:1)

MKRTCHYAN, S. S.

Prospecting for hidden pyrite and copper-molybdenum ore bodies in the Lesser Caucasus. Geol. rud. mestorozh. no.4:41-51 Jl-Ag '60. (MIRA 13:8)

1. Geologicheskiy institut AN Armyanskoy SSR, Yerevan.
(Caucasus--Ore deposits)

S/630/60/000/020/004/004
D228/D303

AUTHOR: Mkrtchyan, S.S.

TITLE: Copper-molybdenum formations of Armenia

SOURCE: International Geological Congress. 21st, Copenhagen, 1960. Doklady sovetskikh geologov, problema 20: Prikladnaya geologiya; voprosy metalogenii. Moscow. Izd-vo AN SSSR, 1960, 120-126

TEXT: The author discusses the geology of some Armenian Cu-Mo deposits, whose economic value is enhanced by their large size and amenability to exploitation. The orebodies occur in a special geotectonic zone of intensely-fractured Palaeozoic and Eocene sedimentary-volcanic rocks, intruded by Tertiary granitoids, to which the sulfide mineralization is genetically related. This zone is bounded by Mesozoic rocks with pyrite and polymetals on the east and by Palaeozoic, Mesozoic, and

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Palaeogene strata with small realgar-orpiment bodies on the west. Structural factors controlling the ore localization include regional N.W.-trending plicative and disjunctive dislocations which served as channels for the mineralizing solutions, and local N.E.- and N.W.-trending conjugate fissures and dikes. The influence of the host-rock lithology is illustrated by the concentration of sulfides in monzonites and Palaeozoic limestones and by their absence in granite-porphyries, granodiorite-porphyries, and Eocene shales. Different types of mineralization are also associated with different intrusive phases: magnetite-apatite ores with syeno-diorites; titano-magnetite ores with gabbropyroxenites; and Cu-Mo and polymetal ores with granodiorites - the most acid differentiates of the monzonite intrusion. It is stated that most of the ore was precipitated in granitoid massifs that had already crystallized to a considerable depth which thus confirms S.S. Smirnov's general views on this question. From his study of the ore minerals and wall-rock

Copper-molybdenum formations...

whose intensity depends on the topography, has resulted in the widespread leaching and migration of Mo in the near-surface zone, whereas Cu is fixed in situ as malachite, azurite, etc. Hence the Mo content of oxidized ore is much lower - while the Cu content is often higher - than is the case in the primary mineralization, a fact which must be taken into account when assessing the potential of new deposits from surface indications.

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MKRTCHYAN, S.S.; MESROPYAN, A.I.

Development of geological research in Armenia during the Soviet period. Iz ist. est. i tekh. 1:179-195 '60.
(MIRA 16:12)

STEPANYAN, L.A., red.; ARUTYUNYAN, A.B., red.; BAGDASARYAN, A.B., prof., doktor geogr. nauk, glav. nauchnyy red.; DAVTYAN, G.S., red.; MARTIROSYAN, G.M., red.; MARUKHYAN, A.O., red.; KOCHYAN, S.S., red.; URUSOV, V.V., red.; SHAKHBAZYAN, M.S., red.; ALLAKHVERDYAN, G.O., kand. ekonom. nauk zam glav. nauchnogo red.; ARUTYUNYAN, N.Kh., akademik, red.; VALESYAN, L.A., kand. geogr. nauk, red.; DUL'YAN, S.M., kand. geogr. nauk, red.; YEREMYAN, S.T., red.; ZOGRABYAN, L.N.,kand. geogr. nauk, red.; KOCHARYAN, G.A., prof., red.; POGOSYAN, Kh.P., prof., doktor geogr. nauk, red.; RUTKOVSKAYA, M.S., starshiy red.; SAVELO, A.F., tekhn. red.; YAROSHEVICH, K.Ye., tekhn. red.

[Atlas of the Armenian Soviet Socialist Republic] Atlas Armianskoi Sovetskoi Sotsialisticheskoi Respubliki. Erevan, Akad. nauk Armianskoi SSR; glav. upr. geodez. i kartografii MG i OP SSSR, 1961. 111 p. (MIRA 15:2)

1. Minskaya kartograficheskaya fabrika Glavnogo upravleniya geodezii i kartografii Ministerstva geologii i okhrany nedr SSSR (for Urusov). 2. Akademiya nauk Armyanskoy SSR (for Arutyunyan). 3. Chlen-korrespondent AN Armyanskoy SSR (for Yeremyan).
(Armenia—Maps)

MKRTCHYAN, Sv.S.

Some data on the primary halo of dispersion in the Akhtala deposit. Izv.AN Arm.SSR.Geol.i geog.nauki 14 no.6:77-82 '61. (MIRA 15:3)

(Armenia--Ore deposits)

MKRTCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.; GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.; PAFFENGOL'TS, K.N., akademik, red.; DURGARASHKO, N.V., doktor geogr. nauk, otv. red.; BAGDASARYAN, A.G., doktor geogr. nauk, red.; BAL'YAN, S.P., kand. geogr. nauk, red.; ZOGRABYAN, L.N., kand. geogr. naukKHACHATRYAN, E.A., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Geology of the Armenian S.S.R.]Geologiia Armianskoi SSR. Glav.red.S.S.Mkrtchian (glav.red.) i dr. Erevan, Izd-vo AN Armianskoi SSR. Vol.1. [Geomorphology]Geomorfologiia. 1962. 430 p. map. (MIRA 15:10)

1. Akademiya nauk Armyanskoy SSR, Erivan. Institut geologicheskikh nauk. 2. Akademiya nauk Armyanskoy SSR (for Mkrtchyan, Magak'yan, Paffengol'ts). 3. Chlen-korrespondent Akademii nauk Armyanskoy SSR (for Vardanyants, Gabriyelyan). (Armenia--Geomorphology)

MAGAK'YAN, I.G.; MKRTCHYAN, S.S.; PIDZHYAN, G.O.

Conditions of the formation and location of copper-molybdenum porphyritic deposits in the Armenian S.S.R. Zakonom. razm. polezn. iskop. 5:321-325 '62. (MIRA 15:12)

(Armenia--Copper ores) (Armenia--Molybdenum ores)

S/011/63/000/001/002/002
A006/A101

AUTHOR: Azizbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963, 126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it was attended by 455 representatives from scientific and industrial geological organizations including 24 Academicians and Corresponding Members of AS USSR and AS of various republic, 49 Doctors-Professors and 164 Candidates of Geological and Mineralogical Sciences. The Conference was opened by Academician D. I. Shcherbakov, secretary of OGGN, AS USSR. The program of the Conference was divided into three main groups: a) regularities in the formation and distribution of endogenous deposits in the Caucasus; b) regularities in the formation and distribution of endogenous deposits of other folding regions of the Alpine cycle; c) general problems of metallogeny. In group a) reports on basic features

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of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaydzhan), S. S. Mkrtychyan (in Armenia), G. A. Tvalchrelidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosyncline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkesan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Allaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. G. S. Dzotsenidze reported on "Paleogenous volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleovolcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. F. Sopko); Northern Caucasus (N. S. Skripchenko, V. I. Buadze) the Chubukhlu-Tanzutsk ore region (S. Sh. Sarkisyan). Reports were read on polymetalic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Kornev) and the Mekhmany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhman, D. G. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on

MKRTCHYAN, S.S., akademik; ANANYAN, A.K., doktor tekhn.nauk, prof.

I.V.Egiazarov; on his seventieth birthday. Elektrichestvo no.3:94 Mr '63. (MIRA 16:4)

1. Akademik-sekretar' Akademii nauk Armyanskoy SSR (for Mkrtchyan).
(Egiazarov, Ivan Vasil'evich, 1893-)

MKRTCHYAN, Sv.S.

Distribution of elements around the ore bodies in the Akhtala complex metal deposit. Izv. AN Arm.SSR. Geol.i geog.nauki 16 no.4/5:109-121 '63. (MIRA 16:12)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.

MKhITCHYAN, S.S., akademik, red.

[Transactions of the Institute of Geological Sciences; reports of the session devoted to the 25th anniversary of the foundation of the institute] Trudy instituta geologicheskikh nauk; doklady na IUbileinoi sessii, posviashchennoi 25-letiiu osnovaniia instituta. Erevan, 1963. 191 p. (MIRA 17:...)

1. Akademiya nauk Armyanskoy SSR, Erivan. 2. Institut geologicheskikh nauk. Akademiya nauk Armyanskoy SSR.

AZARYAN, Norayr Ruben.ovich; MKRTCHYAN, S.A., otv. red.

Jurassic stratigraphy and fauna of the Alaverdi ore region of the Armenian [illegible] Stratigrafiia i fauna iurskikh otlozhenii Alaverdskogo rudnogo raiona Armianskoi SSR. Erevan, Izd-vo AN Arm.SSR, 1963. 259 p. (Stratigrafiia i paleontologiia, no.?) (MIRA 17:9)

MKRTCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.; GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.; PAFFENGOL'TS, K.N., akademik, red.; [illegible], kand. geol.-miner. nauk, red.; [illegible], kand. geol.-miner. nauk, red.; RAK[illegible]YAN, A.A., kand. geol.-miner. nauk, red.; MESROPYAN, A.I., kand. geol.-min. nauk, red.[deceased]

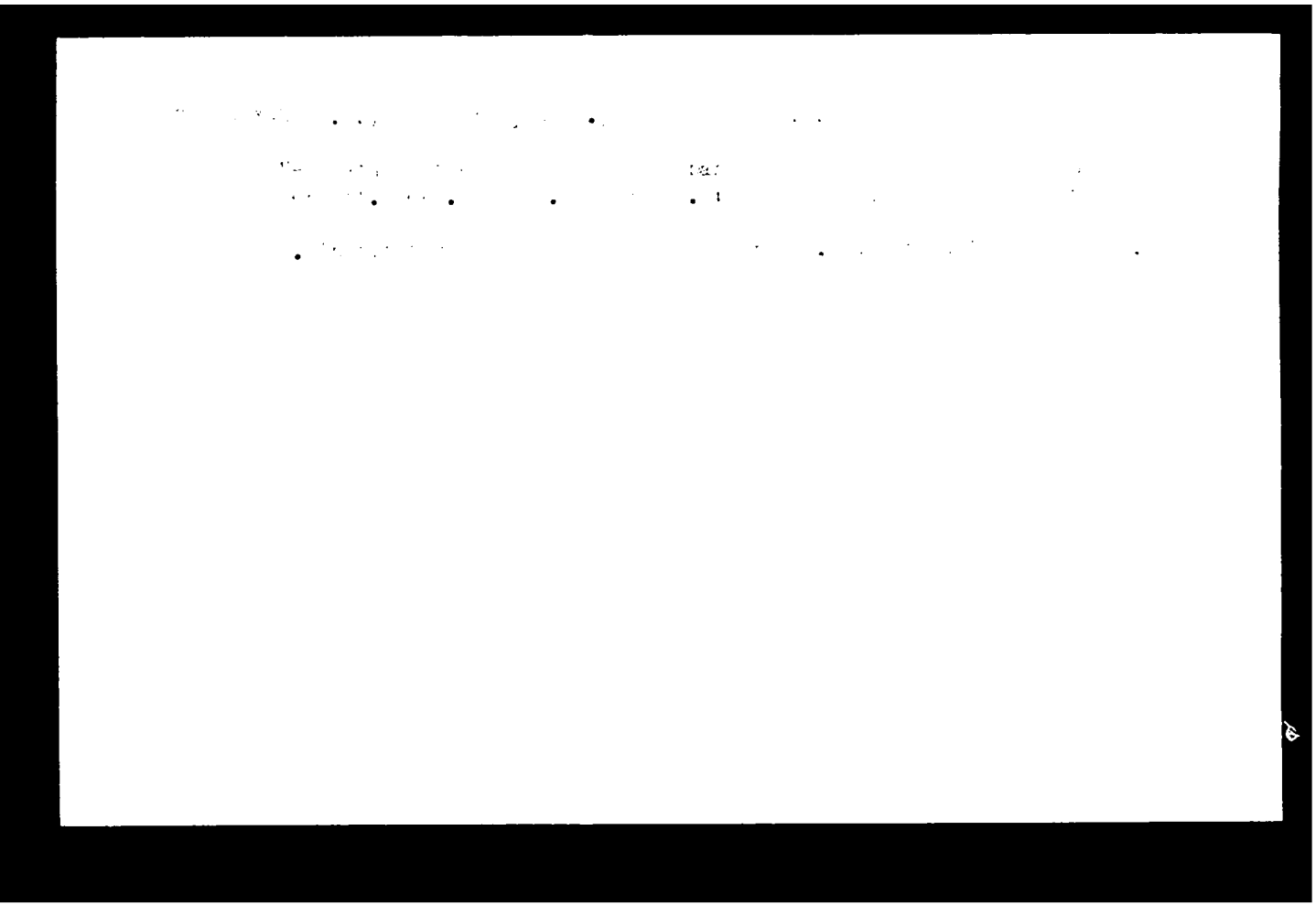
[Geology of the Armenian [illegible]; Geologiia Armianskoi SSR. Izd-vo AN Arm. SSR. Vol. 2. [Stratigraphy] Stratigrafiia. 1964. 432 p. (MIRA 17:7)

1. Akademiya nauk Armyanskoy SSR, Erevan. Institut geologicheskikh nauk. 2. AN Armyanskoy SSR (for Mkrtchyan, Magak'yan, Paffengol'ts). 3. Chlen-korrespondent AN Armyanskoy SSR (for Vardanyants, Gabriyelyan).

MKRTCHYAN, S.S.

Metallogenetic forecasting maps of the Alaverdi ore region in the Armenian S.S.R. Zakonom.razm.polezn.iskop. 7:348-351 '64.
(MIRA 17:6)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.



ZOGRABYAN, S.A.; MKRTCHYAN, Sv.S.

Age of disjunctive dislocations in the Akhtala deposit. Izv. AN Arm. SSR. Nauki o zem. 17 no.3/4:21-28 '64. (MIRA 17:11)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.

MKRTCHYAN, V.; RAYLYAN, A.

Fixture for boring camshaft bushings. MTS 18 no.8:42 Ag '58
(MIRA 11:9)

1. Mankentskiy remontnyy zavod, Kazakhskoy SSR.
(Drilling and boring machinery)

MKRTCHYAN, V.M.; RAYLYAN, A.N.

Shell casting of nozzles for sandslingers and shot peening equipment. Lit. proizv. no. 8:46 Ag '60. (MIRA 14:2)
(Steel castings)

PAUSHKIN, Ya.M.; LEVIN, A.Ya.; MKRTYCHAN, V.E.

Influence of ultraviolet rays on the isomerization of cyclohexane to methylcyclopentane. Izv. vys. ucheb. zav.; neft' i gaz. 6 no.5[illegible] '63 (MIRA 17:7)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni akademika I.M. Gubkina.

PAUSHKIN, Ya.V.; [illegible], F.; [illegible], V.P.; [illegible], L.M.

Isomerization of cyclohexane in methyl cyclopentane. Trudy MINKHiGP no.44:58-63 '63. (MIRA 18:6)

MKRTCH'YAN, V. S.

Agricultural Machinery

Experience of the Gorki State Farm with mechanization of work on protected soil. Sad i og. No. 4, 1952.

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MKRTCH'YAN, V., kand. sel'skokhozyaystvennykh nauk

Prolonging the life of hotbed frames. Sel'. stroi. 9 no.3:18 My-Je '54. (MLRA 13:2)

(Hotbeds)

MATSENTOV, D.I., kandidat sel'skokhozyaystvennykh nauk; MKRTCH'YAN, V.S., kandidat sel'skokhozyaystvennykh nauk; ARKHANGEL'SKIY, P.Ye., inzhener; MOSKOV, B.G., arkhitektor; KRASHOSHCHEKOV, N., redaktor; LIL'YE, A., tekhnicheskiy redaktor

[Greenhouses, hotbeds and heated soil] Teplitsy, parniki, uteplennyi grunt. [Moskva] Moskovskii rabochii, 1956. 246 p. (MIRA 9:9)

1. Nauchno-issledovatel'skiy institut ovoshchnogo khozyaystva (for Matsentov, Mkrtch'yan) 2. Respublikanskiy gosudarstvennyy institut proyektirovaniya sovkhoznykh predpiyatiy - Rosgiprosovkhozstroi) (for Arkhangel'skiy). 3. Vsesoyuznyy gosudarstvennyy institut proektirovaniya sel'skokhozyaystvennykh predpriyatiy - Soyuzgiprosel'khoz (for Moskov)

(Hotbeds) (Soil heating) (Greenhouses)