AKHMEDBAYEV, S.S.

The Bukhara Silk Reeling Mill is increasing its output. Tekst.prom.16 no.4:48-49 Ap '56. (MLRA 9:7)

1.Direktor Bukharskoy sholkomotal'noy fabriki.
(Bukhara--Silk manufacture)

AKHMEDBEYLI, F. S., Aspirant

"Geological Structure and Development of the Kusaro-Divichinsk Syncline." Cand Geol-Min Sci, Inst of Geology imeni Academician I. M. Gubkin, Acad Sci Azerbaydzhan SSR, 4 Oct 54. (BR, 26 Sep 54)

SO: Sum 432, 29 Mar 55

AKHMEDBAYLI, F.S.

Geologic history of the Kusaro-Divichi synclinorium in the Cenozoic era. Izv. AN Azerb. SSR no.5:109-118 My '54. (MIRA 8:6)
(Azerbaijan--Geology, Stratigraphic)

AKHMEDBEYLI, F.S.

Tectonics of the belt of Cretaceous deposits in the Tagerdzhalchay and Karachay interfluve of northeastern Azerbaijan. Izv.AN Azerb. SSR no.6:3-17 Je '55. (MLRA 9:6)
(Tagerdzhalchay valley--Geology, Structural) (Karachay Valley--Geology, Structural)

AKHMEDBEYLI, F.S.; VELIKOV, B.G.

New Tertiary remnants in the alpine part of northeastern Azerbaijan. Dokl. AN Azerb.SSR 11 no.10:693-697 '55. (MLRA 9:2)

1.Institut geologii imeni akademika I.M.Gubkina AN Azerbaydzhanskoy SSR. Predstavleno deystviyel'nym chlenom AN Azerbaydzhanskoy SSR M.M.Aliyevym.
(Azerbaijan--Geology, Stratigraphic)

AGABEKOV, M.G.; AKHMEDBEYLI, F.S.

Study of neotectonics in Azerbaijan. Izv.AN Azerb.SSR no.7:49-71 Jl '56. (Azerbaijan--Geology, Structural) (MLRA 9:10)

AKHMEDBEYLI, F.S.

15-57-7-9788

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, p 154 (USSR)

AUTHOR: Akhmedbeyli, F. S.

TITLE: New Data on Petroleum Potential of the Coastal Strip in Northeastern Azerbaidzhan /K voprosu perspektiv neftenosnosti pribrezhnoy polosy severo-vostochnogo Azerbaydzhana (po novym dannym)/

PERIODICAL: Dokl. AN AzSSR, 1956, Vol 12, Nr 7, pp 467-470

ABSTRACT: This territory represents a large synclinorium, which is a part of the wider Terek-Kuma depression. The presence in the coastal zone of Tertiary and Mesozoic deposits with signs of petroleum and gas has been established by drilling. The indications of petroleum and gas increase in an eastward direction. The area may be considered as a continuation of the Dagestan petroleum district; the buried position of the folds

Card 1/2

New Data on Petroleum Potential (Cont.)

makes it possible to expect a very good preservation of the deposits. An anticline located to the east of the supposed southeast continuation of the Dagestan anticline is observed in the coastal zone. The basic potential of the coastal zone is associated with this structure.

N. A. Yeremenko

Card 2/2

AKHMEDBEYLI F. S

AKHMEDBEYLI, F.S.

Neotectonics of the Adzhinaur zone (interfluve of the Alazan' and Aldzhigan-chay Rivers) [in Azerbaijani with summary in Russian]. Uch. zap. AGU no.2:79-88 '57. (MIRA 11:1)
(Adzhinaur region--Folds (Geology))

AGAHEKOV, M.G.; AKHMEDBEYLI, F.S.

Principal problems relative to the study of neotectonic processes in Azerbaijan. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.4:3-17 '58. (MIRA 11:12)

(Azerbaijan--Geology, Structural)

ISMAILOV, K.A.; GRIGOR'YANTS, B.V.; AKHMEDBEYLI, F.S.

Oil and gas potentials in Mesozoic sediments of the southeastern Caucasus. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk no.5:3-13 '58. (MIRA 11:12)

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

AGABEKOV, M.G.; AKHMEDBEYLI, F.S.

Neotectonic movements in Azerbaijan and problems relative to studying them. Geol. sbor. [Lvov] no.5/6:381-391 '58.
(MIRA 12:10)

1. Institut geologii AN AzerSSR, Baku.
(Azerbaijan--Geology, Structural)

AKHMEDBEYLI, F.S.

Some examples of fine folding in the Adzhinaur region (western Azerbaijan). Dokl. AN Azerb. SSR 14 no.5:371-374 '58. (MIRA 11:5)

1.Institut geologii AN AzerSSR. Predstavleno akademikom AN AzerSSR Sh. A. Azizbekovym.

(Adzhinaur region--Folds (Geology))

MEKHTIYEV, Shafayat Farkhad ogly, akademik; AKHMEDBEYLI, Farkhad Sultan ogly, kand.geol.-mineral.nauk; AGABEKOV, M.G., dotsent, kand. geol.-mineral.nauk, red.; AL'TMAN, T.B., red.izd-va

Naftalan. Baku, Azerbaidzhanskoe gos.izd-vo neft. i nauchno-tekhn. lit-ry, 1959. 127 p. (MIRA 13:11)

1. AN Azerb.SSR (for Mekhtiyev).
(Naftalan region--Petroleum geology)

AGABEKOV, M.G.; AKHMEDBEYLI, F.S.; SHIKHALIBEYLI, E.Sh.

Basic results of, and problems in the studies of areal geology and tectonics of Azerbaijan. Izv. AN. Azerb. SSR. Ser. geol.-geog. nauk no.2:39-47 '60. (MIRA 13:10)

(Azerbaijan--Geology)

AKHMEDBEYLI, F.S.

Salients of Mesozoic rocks in the piedmont zone of the southern slope of the Greater Caucasus. Report 1. Uch.zap. AGU. Geol.-geog. ser. no.4:27-38 '60. (MIRA 15:9)
(Azerbaijan--Geology, Structural) (Azerbaijan--Rocks)

AKHMEDBEYLI, F.S.

Characteristics of recent tectonics in the Adzhinour region.
Izv.AN Azerb.SSR. Ser.geol.-geog.nauk i nefti no.5:21-31 '61.
(MIRA 15:1)
(Adzhinour region--Geology, Structural)

AKHMEDBEYLI, G.A.

Increasing the germinating capacity of white clover and its importance as a forage crop. Uch.zap.AGU no.11:47-50 '55. (MLRA 9:11)
(Azerbaijan--White clover)

N

USSR / Weeds and Weed Control.

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 1947

Author : Brzhezitskiy, M. V.; Akhmedbeyli, G. A.
Inst : Not given
Title : Characteristics of Germination in Weed Seeds Harmful to Cultivated Plants in Ansherona (Vegetables)

Orig Pub : Uch. zap. azerb. un-t, 1957, No 9, 65-70

Abstract : Annual and short-lived weeds predominate. Perennials play a negligible role. Weed seeds can be divided into 2 groups: long latency with short-lived ones and latency of short duration. These are typical of annual weeds and partly of perennials. In order to exterminate weeds which appear in the

Card 1/2

BRZHEZITSKIY, M.V.; AKHMEDBEYLI, G.A.

Weeds in vineyards of the village of Angikhoran in Shemakha District.
Uch.zap. AGU. Biol. ser. no.2:23-26 '60. (MIRA 14:3)
(Shemakha District--Weed control)

AKHMEDBEYLI, G.A.

Wild carrot (Daucus carota L.). Uch. zap. AGU. Biol. ser. no.4:13-19 '60. (MIRA 14:5)
(Apsheron Peninsula—Carrots) (Weed control)

BRZHEZITSKIY, M.V.; AKHMEDBEYLI, G.A.

Vineyard weeds of the Apsheron Peninsula. Uch. zap. AGU. Biol. ser. no.3:3-7 '59. (MIRA 15:5)
(APSHERON PENINSULA--WEEDS)

AKHMEDBEYLI, G.A.

Seed characteristics of weeds occurring among vegetables of the Apsheron Peninsula. Uch. zap. AGU. Biol. ser. no.6:11-19 '59.
(MIRA 15:5)

(APSHERON PENINSULA--WEEDS)

AKHMEDBEYLI, Khoshkadam Isa

[Obtaining high yields of green tea leaves] Iuksek iashyl chai iarpagy mehsulunun alynmasy; Lenkeran raionunun "Pravda" kolkhozu. Baky, Azerneshr, 1963. 38 p. [In Azerbaijani] (MIRA 17:5)

AKHMEDGAPIN, U.M.

Underground waters of [illegible] and possibilities of their utilization. Izv. AN [illegible] SSR. Ser. geol. no.3:83-95 '6[illegible].
(MIRA 14:10)

(Kazakhstan—Water, Underground)

AKHMEDIN, Kh.; P'YANOV, I.

Production accounting and calculation of the cost of production in continuous production processes. Bukhg.uchet 15 no.9:24-27 S '56. (MLRA 9:11)

1. Zamestitel' glavnogo bukhgaltera Karagandinskogo zavoda sinteticheskogo kauchuka, Temir-Tau (for Akhmedin). 2. Rukovoditel' gruppy ucheta proizvodstva Karagandinskogo zavoda sinteticheskogo kauchuka (for P'yanov).
(Rubber industry--Accounting)

AKHMEDKHODZHAYEVA, Kh.S.; POLIYEVTSEV, N.P.

Sedative nature of the alkaloid perforin and its synergism with soporifics and narcotics. Vop. biol. i kraev. med. no.4:436-441 '63. (MIRA 17:2)

BAGIROV, S.N.; AKHMEDLI, A.A.

Effect of refined naphthalene, naphthalene with tars removed, carotonaphthalene No. 1 and No. 2, and pure carotene on absorption of amino acids in the intestine. Tr. Vsesoiuz. obsh. fiziol. no. 1:107 1952. (CIML 24:1)

1. Delivered 20 October 1949, Baku.

AKHMEDLI, G. G.

5

Some properties of binary semiconducting compounds and generalized moment. M. S. Saidov (10 minutes).

Experimental investigation of the energetic structure of zones of semiconducting compounds. V. V. Sobolev (10 minutes).

Investigation of the thermal conductivity of doped gallium arsenide. M. I. Aliev, G. G. Achmedli.

Concerning the thermal conductivity of solid solutions of Sb_2S_3-Sb_2Se_3. G. B. Abdulaev, A. A. Bashmaliev. (Presented by M. I. Aliev--10 minutes).

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

ALIYEV, M.I.; AKHMEDLI, G.T.

Heat conduc''vity of gallium arsenide and indium antimonide.
Izv. AN Azerb.SSR.Ser.fiz.-tekh. i mat. nauk no.4:95-99 '64.
(MIRA 18:3)

ALIYEV, M.I.; AKHMEDLI, G.T.

Heat conductivity of alloyed gallium arsenide. Izv. AN SSSR. Ser. fiz. 28 no.6:977-979 Je '64. (MIRA 17:7)

1. Institut fiziki AN Azerbaydzhanskoy SSR.

ACCESSION NR: AP4041357 S/0048/64/028/006/0977/0979

AUTHOR: Aliyev, M. I.; Akhmedli, G. T.

TITLE: Investigation of heat conductivity of doped gallium arsenide

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 28, no. 6, 1964, 977-979

TOPIC TAGS: gallium arsenide, heat conductivity, doped gallium arsenide, selenium doped gallium arsenide, zinc doped gallium arsenide

ABSTRACT: Investigation of heat conductivity of selenium-doped gallium arsenide of the n-type (electron concentration $1 \cdot 10^{17}$ — $4 \cdot 10^{18}/cm^3$) and of zinc-doped gallium arsenide of the p-type (hole concentration $1 \cdot 10^{15}$—$1 \cdot 10^{20}/cm^3$), carried out at 100—500K, has revealed that in both types the heat conductivity drops with the increase of temperature. It also drops with the increase of selenium or zinc content, especially at low temperature. The heat conductivity of the p-type specimens is higher than that of the n-type specimens

Card 1/3

ACCESSION NR: AP4041357

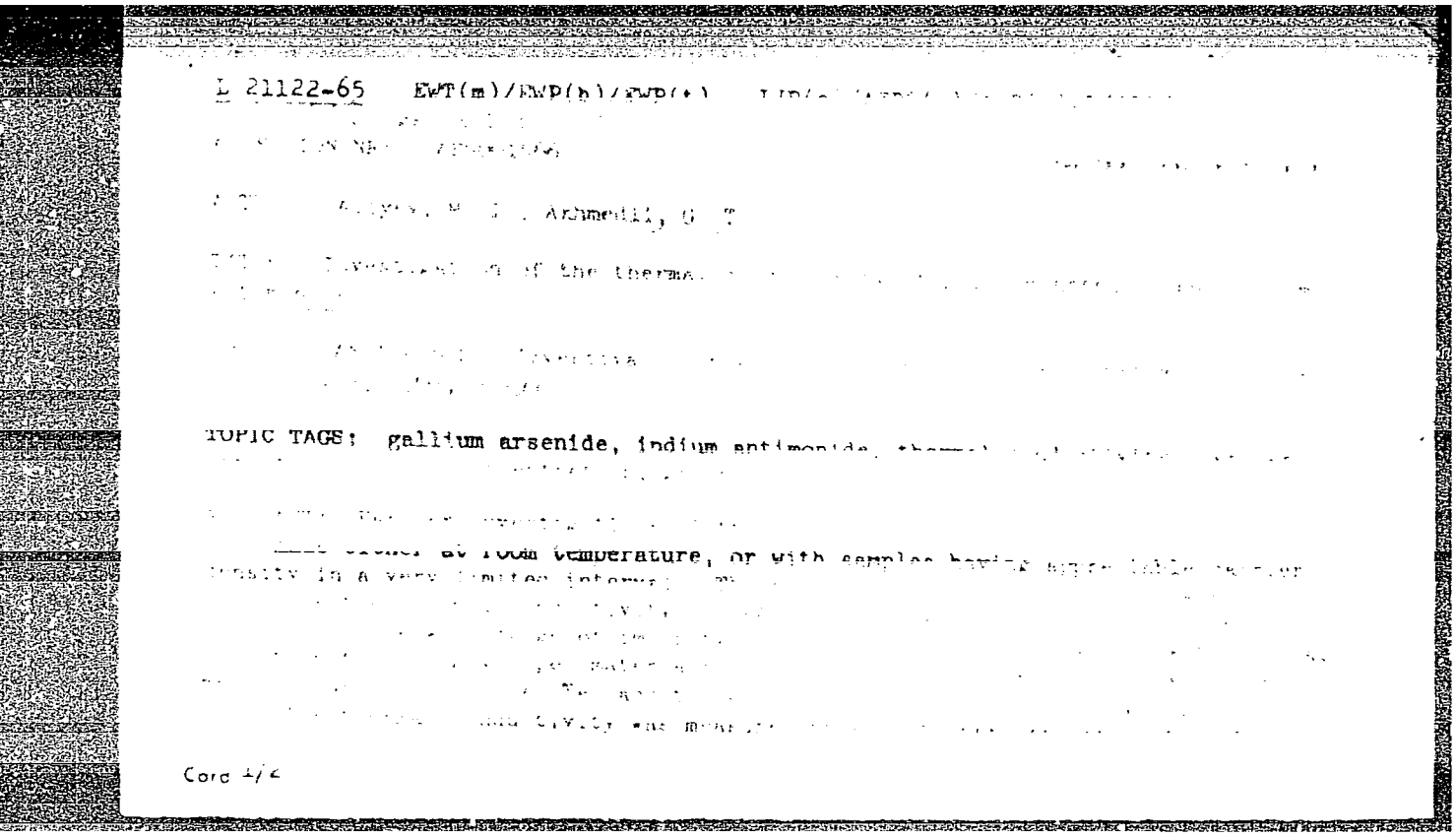
(see Fig. 1 of the Enclosure), a difference which is apparently due to the nature of the doping element.

ASSOCIATION: Institut fiziki Akademii nauk Azerb. SSR (Institute of Physics, Academy of Sciences, AzerbSSR)

SUBMITTED: 00 ATD PRESS: 3051 ENCL: 01

SUB CODE: IC, TD NO REF SOV: 001 OTHER: 005

Card 2/3



L 21122-65 EWT(m)/EWP(b)/EWP(t)

TOPIC TAGS: gallium arsenide, indium antimonide,

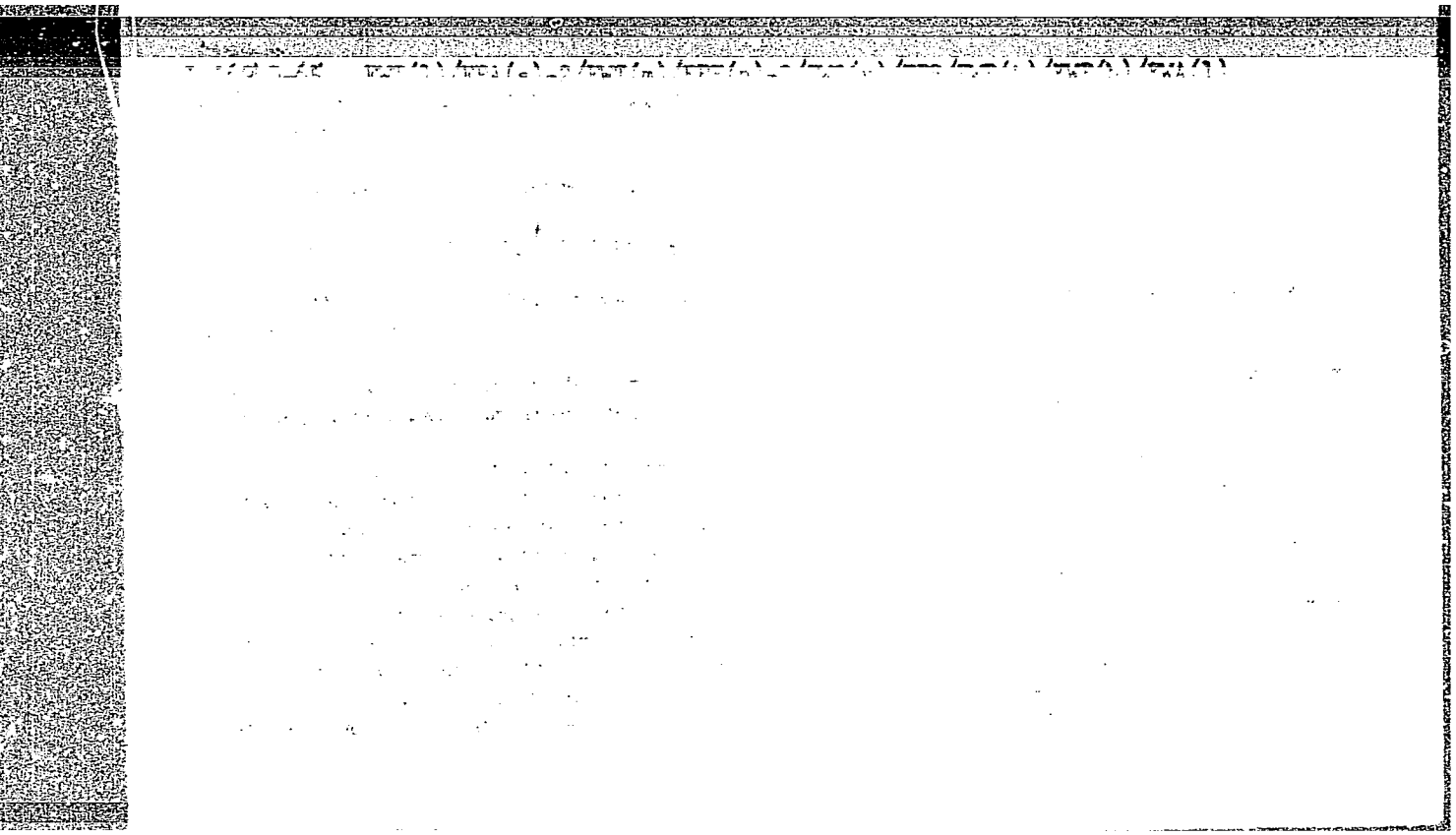
Card 1/2

[redacted] these proportionalities indicate the relative [redacted] obtained by others, and the differences in the results as well as the dif[redacted] discussed. We are grateful to Professor G. D. Abdullayev for a discussion of the [redacted]

SUBMITTED: 00 ENCL: 00

SUB CODE: TD, 55, IC NR REF SOV: [redacted] OTHER: 014

Card 2/2

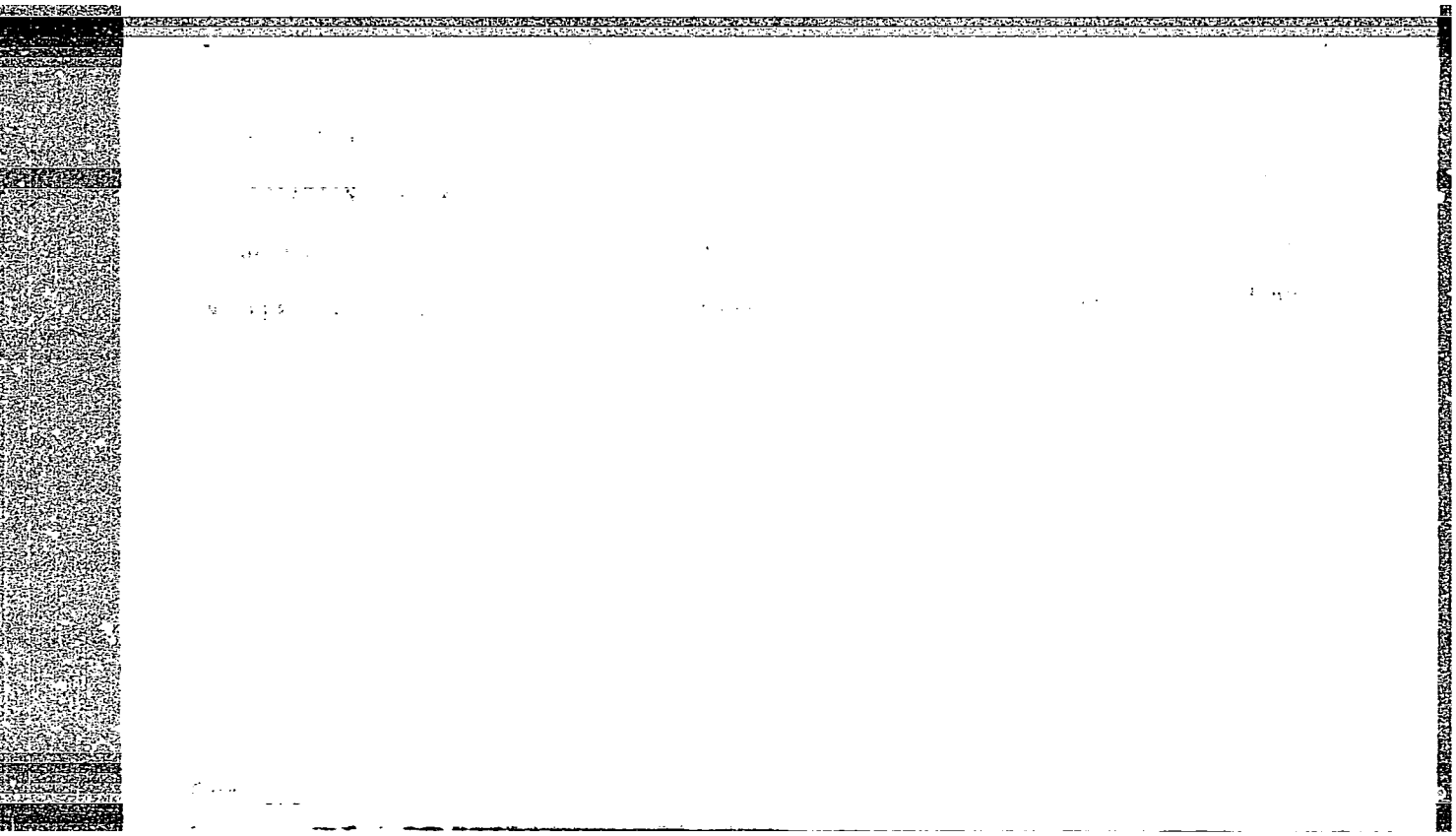


APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610012-0"

to be insignificant in all samples. ... the basic mechanism of heat conductivity.
cated that the three-phonon process is the basic mechanism of heat ... calculated from the Leibfrid
... in agreement with those ...

... degenerated ... ng, the carrier mobility ... [JK]
the lattice, and in degenerated ... has: 5 figures and 6 formulas.
dependence as in metals. Orig. ...

Card 2/3



898. ხიმშიაშვილი ნიკოლოზ გიორგის ძე. ზემო რაჭის ზედა იურული ნალექების ფაუნა და სტრატიგრაფია. 1949. 270 გვ., ილ., [4] ჩ. ფ., გეოგრ. რუკა. [13 ტაბ].
დაიცვა 1949, 4.3.

Химшиашвили Николай Георгиевич. Фауна и стратиграфия верхнеюрских осадков Верхней Рачи. 1949. 270 с., илл. [4] вкл. л., кар. [13 тбл.].
Защ. 1949, 4.3.

899. ჯანელიძე ოლღა ისლამის ასული. საქართველოს მიოცენური ფორამინიფერები. 1948. 156, 3 გვ. [16] ჩ. ფ., რუკა, ტაბ., სქ. (სოხუმის პედ. ინსტ.).
დაიცვა 1949, 25.2.

Джанелидзе Ольга Исламовна. Миоценовые фораминиферы Грузии. 1948. 156, 3 с. [16] вкл. л., кар., тбл., сх. (Сухумский пед. инст.).
Защ. 1949, 25.2.

* * *

900. <u>Ахмедли Муртаз Косум Оглы.</u> К изучению вопроса наличия церезина в твердых углеводородах нефти. Баку. 1939. 104 с., илл.
Защ. 1939, 29.6.

901. Везиришвили Елена Константиновна. Минералогия ртутных месторождений Грузии. (Горная Рача, Абхазия). 1948. 100 с., фото., тбл. (Инст. геол. и минерал. АН Груз. ССР).
Защ. 1948, 24.5.

902. Волынский Игорь Сергеевич. Определение рудных минералов в полированных шлифах по физическим свойствам. 1940. Ч. 1 Руководство. 111 с., с фиг. Ч. 2. Определитель. [86] тбл.
Защ. 1943, 4.6.

903. Гвахария Георгий Владимирович. Минералогия поствулканических процессов окрестностей г. Тбилиси. [Согвнаурское месторождение]. 1939 [2], 108 с., фотоилл., 8 вкл. л. (Цеолиты Грузии. Монография № 2, 1952).
Защ. 1939, 17.6.

904. Казахашвили Тамара Григорьевна. Храмский кристаллический массив. Б. г. 110 с., фотоилл. (Геол.-геогр. очерк).
Защ. 1939, 17.6.

905. Кебуладзе Варлам Васильевич. Применение метода сопротивлений к разведке баритовых жильных месторождений. 1938. 120 с.
Защ. 1938, 17.4

906. Киласония Пиера Федоровна. Петрографическое строение Юго-Восточной части дзирульского кристаллического массива. (Бассейн р. Черат Хеви). 1940. 123 с., илл., карт. тбл. (Тр. Инст. геол., т. 2, 1950. геол. петр. серия).
Защ. 1940, 3.12.

907. Кузнецова Елизавета Владимировна. Основные процессы минерогенеза, связанные с древней гранитной интрузией Балкарии. 1942. 145 с. [6] вкл. л., илл. (Акад. наук СССР, Кавк. экспед. Инст. геол. наук).
Защ. 1942, 25.7.

908. Татришвили Нина Фоминишна. К петрографии южного склона главного Кавказского хребта в пределах Верхней Рачи. 1939. 69 с. (Тр. груз. гос. геол. управл. в. 5).
Защ. 1939, 17.6.

909. Топурия Павел Александрович. К петрографии Рконского интрузива порфировидного гранита из дзирульского массива. 1938. 478 с. (Бюлл. геол. инст., т. 3, 1938).
Защ. 1938, 15.4.

910. Узнадзе Медея Димитриевна. Третичная флора Западного Казахстана и ее отношение к палеогеновой европейской флоре. 1941. 259, [4] с., [14] вкл. л., тбл. (Тр. Инст. геол. 1941, т. 4 (9) 1,2).
Защ. 1941, 30.6.

Dissertation for degree of
Candidate Geological Sciences

~~Tbilisi~~ State U.
Def. at
Tbilisi State U.

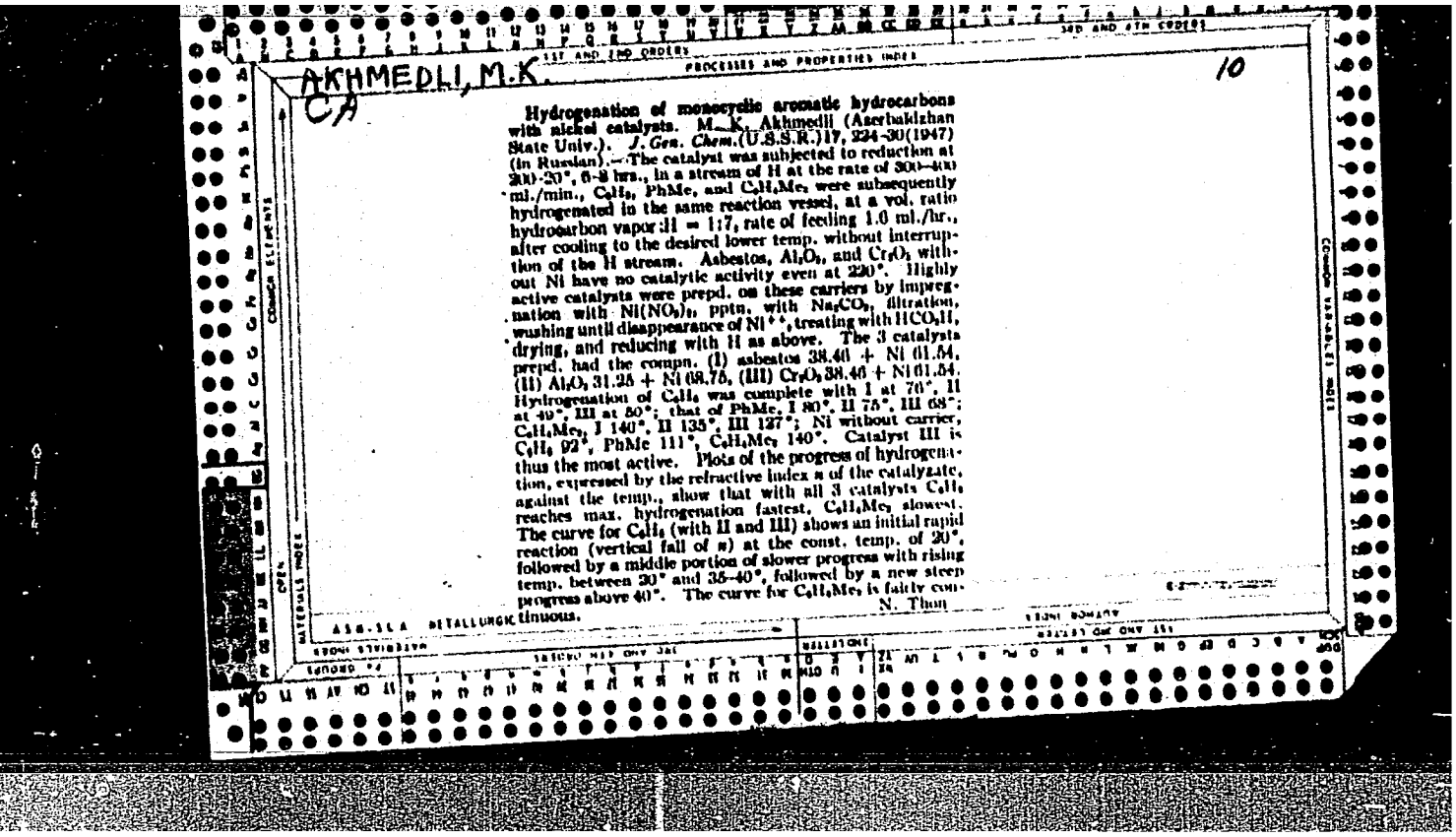
AKHMEDLI, M. K.

AKHMEDLY, MURTUZA KASUM OGLY

"Hydrogenization of Monocyclic Aromatic Hydrocarbons and Olefinic Hydrocarbons Over Mixed Catalysts in the Light of the Polarization Theory of Catalysis," Sub. 24 Sep 47, Moscow Order Lenin State U imeni M. V. Lomonosov. Dr Chem Sci

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55



AKHMEDLI, M.K.
CA

10

Hydrogenation of monocyclic aromatic hydrocarbons with nickel catalysts. M. K. Akhmedli (Azerbaidzhan State Univ.). *J. Gen. Chem.* (U.S.S.R.) 17, 224-30 (1947) (in Russian).—The catalyst was subjected to reduction at 300-20°, 6-8 hrs., in a stream of H at the rate of 300-400 ml./min., C_6H_6, PhMe, and $C_6H_4Me_2$ were subsequently hydrogenated in the same reaction vessel, at a vol. ratio hydrocarbon vapor:H = 1:7, rate of feeding 1.0 ml./hr., after cooling to the desired lower temp. without interruption of the H stream. Asbestos, Al_2O_3, and Cr_2O_3 without Ni have no catalytic activity even at 220°. Highly active catalysts were prepd. on these carriers by impregnation with $Ni(NO_3)_2$, pptn. with Na_2CO_3, filtration, washing until disappearance of Ni^{++}, treating with HCO_2H, drying, and reducing with H as above. The 3 catalysts prepd. had the compn. (I) asbestos 38.46 + Ni 61.54, (II) Al_2O_3 31.25 + Ni 68.75, (III) Cr_2O_3 38.46 + Ni 61.54. Hydrogenation of C_6H_6 was complete with I at 70°, II at 49°, III at 50°; that of PhMe, I 80°, II 75°, III 68°; $C_6H_4Me_2$, I 140°, II 135°, III 127°; Ni without carrier, C_6H_6 92°, PhMe 111°, $C_6H_4Me_2$ 140°. Catalyst III is thus the most active. Plots of the progress of hydrogenation, expressed by the refractive index n of the catalyzate, against the temp., show that with all 3 catalysts C_6H_6 reaches max. hydrogenation fastest, $C_6H_4Me_2$ slowest. The curve for C_6H_6 (with II and III) shows an initial rapid reaction (vertical fall of n) at the const. temp. of 20°, followed by a middle portion of slower progress with rising temp. between 30° and 35-40°, followed by a new steep progress above 40°. The curve for $C_6H_4Me_2$ is fairly continuous.

N. Thon

AKHMEDLI, M. K.

USSR/Chemistry - Hydrocarbons Mar 49
Chemistry - Catalysts

"Hydrogenation of Mononuclear Aromatic Hydrocarbons by a Cobalt Catalyst," M. K. Akhmedli, Azerbaydzhan State U imeni S. M. Kirov, 5 1/4 pp

"Zhur Obshch Khim" Vol XIX, No 3

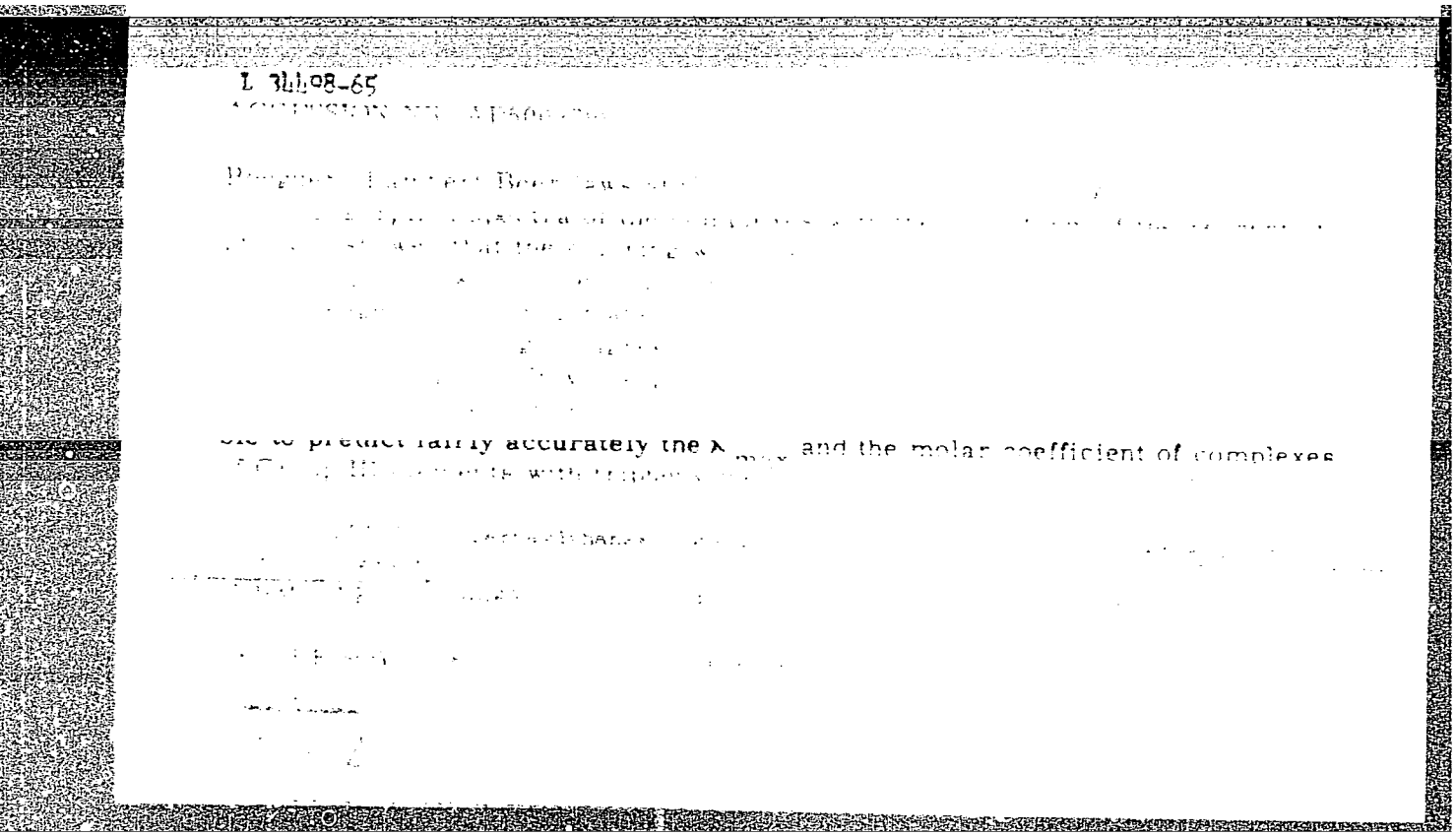
Asbestos, Al_2O_3, and Cr_2O_3 are not active catalysts for the hydrogenation of benzene at 220° C. Activity of pure Co is less than that of mixed catalysts: asbestos - Co, Al_2O_3 - Co, and Cr_2O_3 - Co. Best catalysts for hydrogenation of benzene and toluene are Cr_2O_3 - Co and Al_2O_3 - Co. Submitted 29 Jun 47.

62/49T10

AKHMEDLI, M.K.
CA

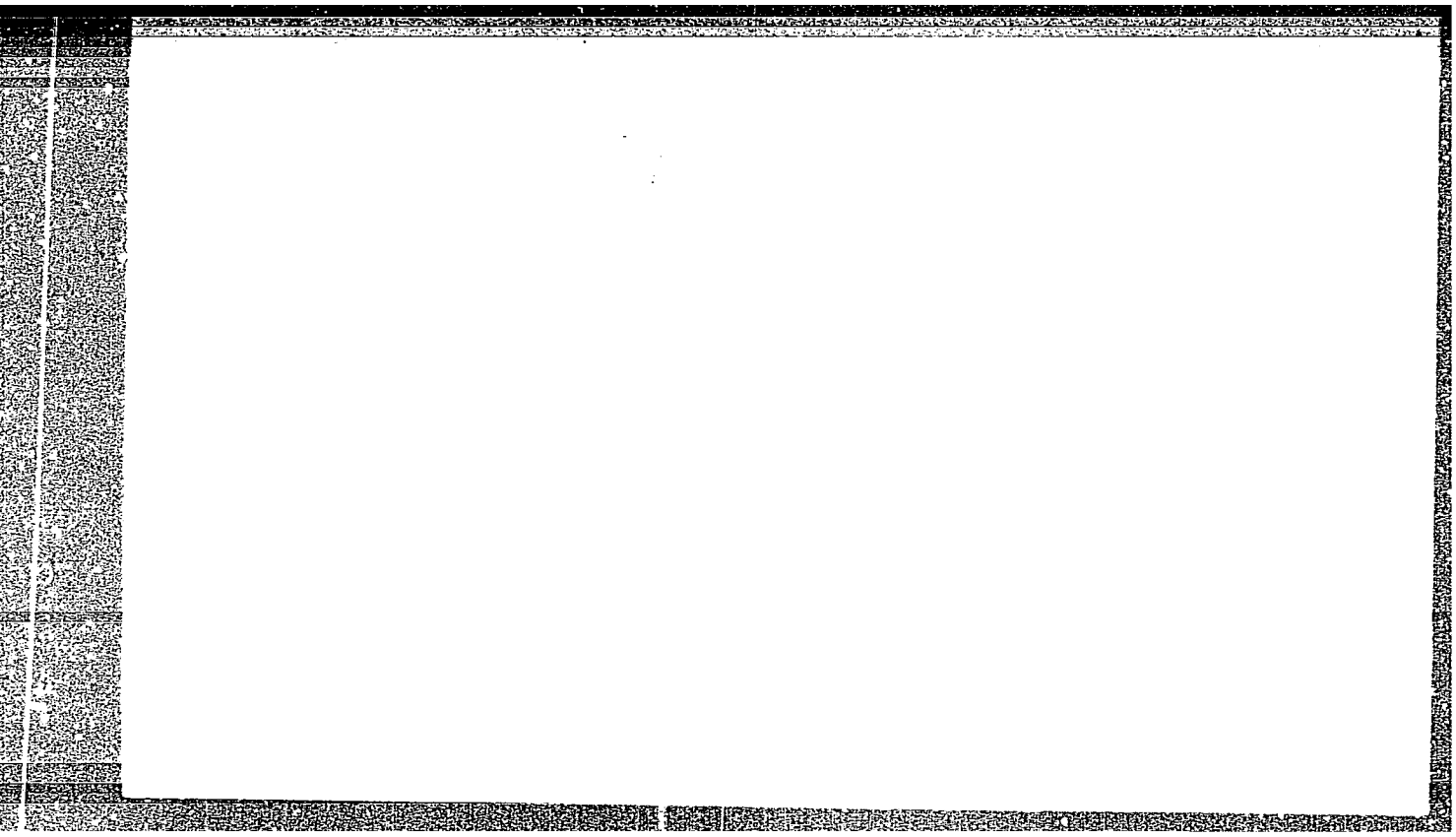
Products of the thermal decomposition of chromium formate. M. K. Akhmedli and B. P. Nekrasov (S. M. Kirov State Univ., Azerbaijan). Zhur. Obshchei Khim. (J. Gen. Chem.) 20, 1074-88(1950). $(HCO_2)_3Cr$, in the form of fine green crystals, was prepd. by soln. of freely ppted. $Cr(OH)_3$ in concd. HCO_2H at 70-80°. Evolution of gas on heating the dried prepn. in a stream of N_2 begins at about 300°, and is practically completed at 300-320, 320-330, and 330-340°, within ~38, 30-31, and 22-24 min., resp. In the lowest temp. range, the rate of the decompn. is approx. const., but at the higher temps. it passes through a max., the height of which increases rapidly with the temp. Analysis of the gaseous and the solid products gives figures corresponding closely to $2(HCO_2)_3Cr \rightarrow 2CrO_2 + 2CO_2 + 4CO + 3H_2$; however, the ratio CO/CO_2 is only ~1, instead of the expected 2. The wt. of the solid product, which does correspond to the compn. CrO_2, is somewhat in excess over that expected, owing to presence of some amt. of C. When heated to 600° in a stream of N_2, the solid product ignites, owing to its decompn. $2CrO_2 \rightarrow Cr_2O_3 + O$, with O burning the C. The presence of C in the solid product is ascribed mainly to $2CO \rightarrow CO_2 + C$. N. Thon

1951



AKHMEDLI, M.K.; GASHIMOVA, T.E ; ZHIROVA, L.F.

Color reactions for qualitative detection of nickel and cobalt by grinding and determination of the sensitivity of the reactions. Uch.zap.AGU no.3:17-26 '56. (MLRA 10:4)
(Colorimetry) (Nickel) (Cobalt)



APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610012-0"

AKHMEDLI, M.K.; EFENDIYEV, D.A.

Determining the composition of sediments in the system $BaCl_2$ - Na_2SO_4 - H_2O by physicochemical analysis [in Azerbaijani with summary in Russian]. Uch. zap. AGU no.3:25-41 '57. (MIRA 11:1)
(Barium sulfate--Analysis)

AKHMEDLI, M.K.; BASHIROV, E.A.

Physicochemical analysis of colored complexes obtained from the reaction of thiourea cobalt complexes with silicate ions. Uch.zap. AGU no.2:27-36 '58. (MIRA 12:1)
(Silicates) (Cobalt compounds)

AKHMEDLI, M.K.; EFENDIYEV, D.A.

Thiosemicarbazide as an analytic reagent. Uch.zap.AGU. Fiz.-mat.i khim.ser. no.1:93-100 '59. (MIRA 13:6)

(Carbohydrazide)

AKHMEDLI, M.K.; EFENDIYEV, D.A.

Physicochemical analysis of the composition of precipitates. Part 5: Study of the system $CuSO_4$ - SCN_3H_5 - H_2O. Uch.zap. AGU. Fiz.-mat. i khim. ser. no. 2:65-79 '59. (MIRA 13:12)
(Chemistry, Analytical)

AKHMEDLI, M.K.; ZHIROVA, L.F.

Complex compounds of nickel salts with thiosemicarbazide. Zhur. neorg. khim. 5 no. 12:2742-2748 D '60. (MIRA 13:12)

1. Azerbaydzhanskiy gosudarstvennyy universitet imeni S.M. Kirova Kafedra analiticheskoy khimii.
(Nickel compounds) (Semicarbazide)

AKHMEDLI, M.K.; ABASOV, G.A.

Quality, yield, and other characteristics of raw silk manufactured by the ammonia method of cocoon untwining. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.2:43-47 '61. (MIRA 16:7)

AKHMEDLI, M.K.; ABASOV, G.A.

Project of a plant for the moistening of silkworm cocoons prior to unwinding by treatment with ammonia. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.5:91-101 '61. (MIRA 16:6)
(Sericulture)

AKHMEDLI, M.K.; GLUSHCHENKO, E.L.

Study of a complex compound of gallium with diphenylcarbazone. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.5:113-116 '61. (MIRA 16:6)

(Gallium compounds) (Formic acid)

AKHMEDLI, M.K.; SADYKOVA, A.M.

Reactions between cobalt salts and thiosemicazbazide. Zhur.neorg. khim. 7 no.3:510-515 Mr '62. (MIRA 15:3)
(Cobalt salts) (Semicarbazide)

AKHMEDLI, M.K.; SADYKOVA, A.M.

Composition and the determination of the instability constant of the complex of cobalt nitrate with thiosemicarbazide. Uch. zap. AGU. Ser. khim. nauk no.4:15-22 '63. (MIRA 17:11)

AKHMEDLI, M.K.; SADYKOVA, A.M.

Thiosemicarbazide as an analytical reagent. Uch. zap. AGU. Ser. khim. nauk no.4:83-91 '63. (MIRA 17:11)

AKHMEDLI, M.K.; SADYKOVA, A.M.

Crystalline compounds of cobalt salts with thiosemicarbazide. Azerb. khim.zhur. no.4:141-147. '63. (MIRA 17:2)

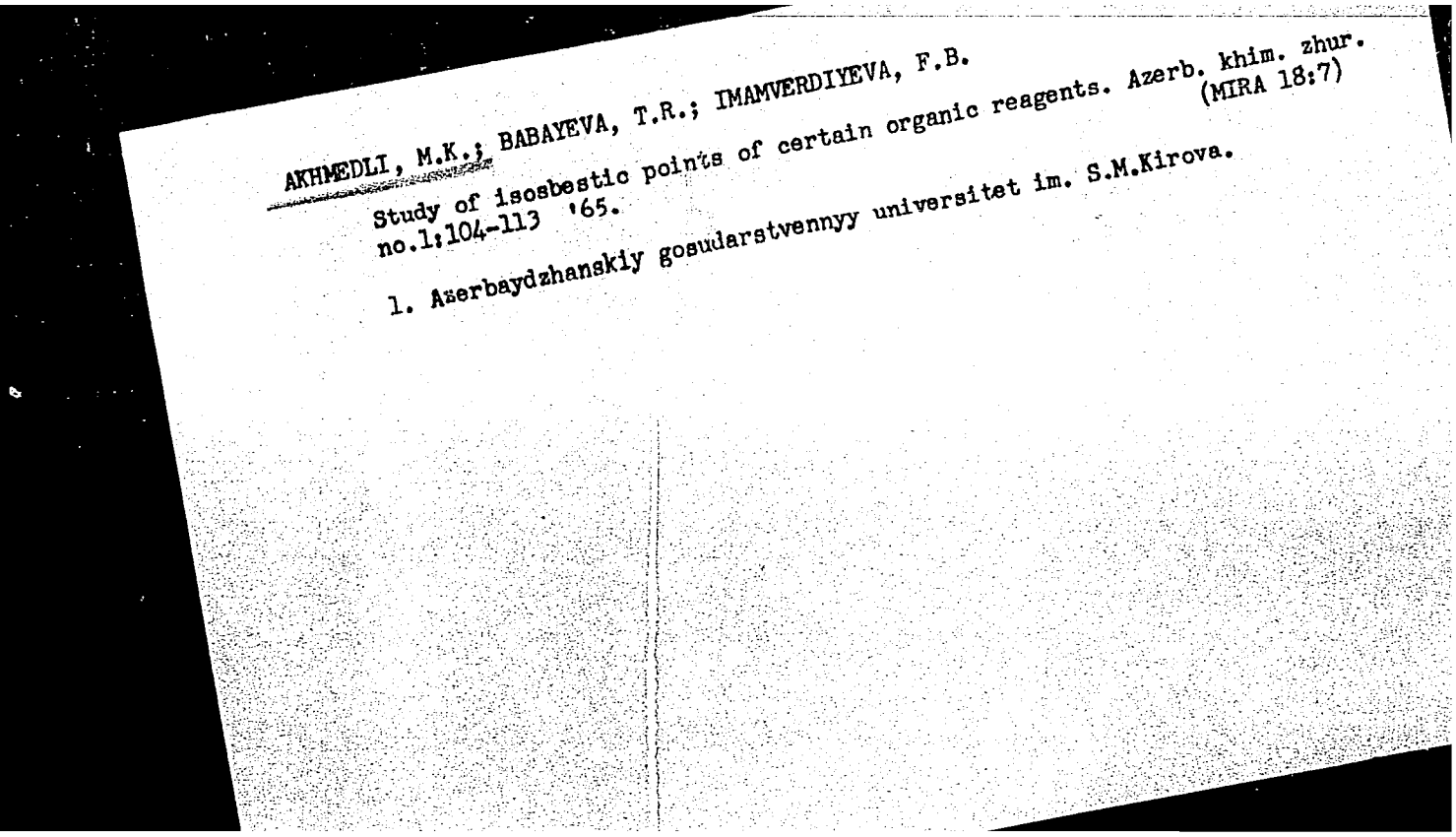
AKHMEDLI, M.K.

Present-day objectives of analytical chemistry in the development of the chemical industry, agriculture, and chemical science in Azerbaijan. Azerb. khim.zhur. no.4:3-5 '64. (MIRA 18:3)

AKHMEDLI, M.K.; GLUSHCHENKO, E.L.

Study of reagents for the spectrophotometric determination of gallium. Zhur. anal. khim. 19 no.5:556-560 '64. (MIRA 17:8)

Azerbaydzhanskiy gosudarstvennyy universitet, Baku.



AKHMEDLI, M.K.; BABAYEVA, T.R.; IMAMVERDIYEVA, F.B.

Study of isosbestic points of certain organic reagents. Azerb. khim. zhur. no.1:104-113 '65. (MIRA 18:7)

1. Azerbaydzhanskiy gosudarstvennyy universitet im. S.M.Kirova.

L 4277-66 EWT(m)/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/RM

ACC NR: AP5024484 UR/0316/65/000/003/0120/0126

42
40
B

AUTHOR: Akhmedli, M K.; Gasanov, D.G.; Aliyeva, R.A.

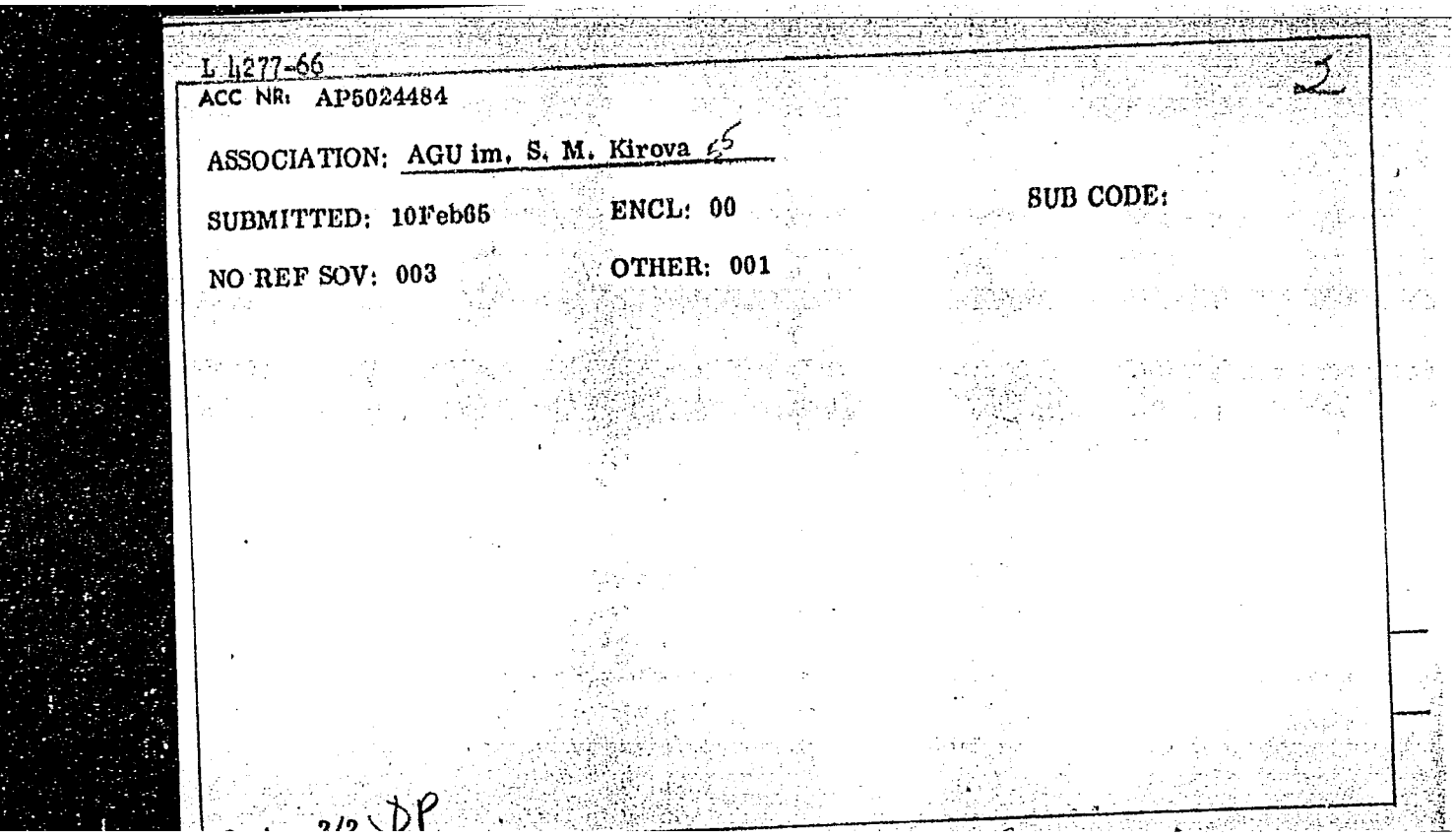
TITLE: Spectrophotometric study and development of a method of determining the germanium-stilbazo complex

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 3, 1965, 120-126

TOPIC TAGS: germanium, germanium compound, quantitative analysis, spectrophotometric analysis

ABSTRACT: The authors observed that germanium reacts with stilbazo to form an orange-colored complex. In order to determine the conditions of complex formation, absorption spectra of the reagent and complex were taken at various pH values, and the molar extinction coefficient (at 5300 A) and instability constant of the complex were determined. The composition of the complex was found to be $[Ge^{+4}]:[R] = 1:2$. The solution of the complex obeys the Lambert-Beer law. A method is proposed for determining germanium in the absence of foreign ions when the metal is present in amounts from 4 to 73 μg/ml. The method is applicable to the determination of germanium-containing samples. A comparison with the gravimetric and colorimetric (phenylfluorone) methods shows that the proposed method is just as accurate. Orig. art. has 7 figures and 3 tables.

Card 1/2



L 4277-66

ACC NR: AP5024484

2

ASSOCIATION: AGU im. S. M. Kirova 65

SUBMITTED: 10Feb65 ENCL: 00 SUB CODE:

NO REF SOV: 003 OTHER: 001

2/2 DP

AKHMEDLI, M.K.; GRANOVSKAYA, P.B.

Complex of ytterbium with methylthymol blue. Ukr. khim. zhur. (MIRA 18:7)
31 no.6:615-618 '65.

1. Azerbaydzhanskiy gosudarstvennyy universitet imeni Kirova.

L 11586-66 EWT(m)/T/EWP(j) RM SOURCE CODE: UR/0[illegible] 41

ACC NR: AP5028893 B 7

AUTHOR: Akhmedli, M. K.; Gasanov, D. G.; Aliyeva, R. A.

ORG: AGU im. S. M. Kirova

TITLE: Investigation and photometric determination of a complex compound of germanium with Alizarin Red S

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 4, 1965, 92-95

TOPIC TAGS: photometric analysis, optic method, germanium, optic density, optic property, complex molecule, germanium compound

ABSTRACT: The feasibility of photometric determination of germanium contents was examined. The object of the study was to develop a simple optical technique for analytical purposes. Various mixtures of $1 \cdot 10^{-3}$ moles of Alizarin Red S in water with metallic germanium in H_2O_2 were prepared and examined on an FM-photometer. The volume of solution V was 25 ml, the λ = 4700 Å, and the cuvette length l = 1 cm. The position of the maximum of the optical density (see fig. 1) indicates that the ratio of Ge^{+4} to Alizarin Red S in the complex compound is 1:2. The results of the photometric method based on the Ge-Alizarin Red S complex were in good agreement with the results of the gravimetric method as well as with the phenylfluoric- and molybdenum methods.

The me
grams a

[illegible]rror of ±0.57 micro-

[illegible]s: 4 figures, 2 table[illegible]

AKHMEDLI, M.K.; GLUSHCHENKO, E.I.

Spectrophotometric study of the reactions of aluminum, gallium, indium, trivalent thallium chlorides with xylenol orange. Zhur. neorg. khim. 10 no.1:98-102 Ja '65. (MIRA 18:11)

1. Azerbaydzhanskiy gosudarstvennyy universitet. Submitted June 5, 1963.

AKHMEDLI, M.K.; GASANOV, D.G.; ALIYEVA, R.A.

Spectrophotometric study and development of the method of determining a complex germanium compound with stilbazo. Azerb. khim. zhur. no.3:120-126 '65. (MIRA 19:1)

1. Azerbaydzhanskiy gosudarstvennyy universitet im. S.M. Kirova.

AKHMEDLI, M.K.; GASANOV, D.G.; ALIYEVA, R.A.

Study and photometric determination of a complex compound of germanium with alizarin red S. Azerb.khim.zhur. no.4:92-95 '65. (MIRA 18:12)

1. Azerbaydzhanskiy gosudarstvennyy universitet imeni Kirova. Submitted February 20, 1965.

L 22694-66 EWT(m)/EWP(j)/T RM
ACC NR: AP6006937 SOURCE CODE: UR/0316/65/000/006/0134/0138

AUTHOR: Akhmedli, M. K.; Aliyeva, S. R.

ORG: AGU im. S. M. Kirov (AGU)

TITLE: Study of the complex compound of neodymium with xylenol orange

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 6, 1965, 134-138

TOPIC TAGS: neodymium compound, dye chemical, chelate compound

ABSTRACT: The complex formed by the trivalent neodymium ion with xylenol orange was studied spectrophotometrically. The optimum conditions of formation of the complex were determined, and the molar extinction coefficient ε and instability constant of the complex were calculated (respectively, 24900 and 1.44×10^{-6}). Both the complex and xylenol orange are stable in solution, and the complex obeys the Beer-Lambert law. A study of the composition of the complex, using the isomolar series method, showed that neodymium ion and xylenol orange react in the ratio $[Nd^{3+}]:[KO] = 1:1$. Electromigration and chromatographic methods revealed that the complex does not carry any charge, i. e., that it is a chelate. Orig. art. has: 6 figures.

SUB CODE: 07/ SUBM DATE: 26Apr64/ ORIG REF: 004/ OTH REF: 000

Card 1/1

L 30345-66 EWT(m)/EWP(j) RM/JXT(CZ)

ACC NR: AP6005115 SOURCE CODE: UR/0316/65/000/005/0105/0108

AUTHOR: Akhmedli, M. K.; Granovskaya, P. B.

ORG: Azgosuniversitet im. S. M. Kirova

TITLE: Complexes of ytterbium with certain organic reagents

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 5, 1965, 105-108

TOPIC TAGS: ytterbium compound, complex molecule, spectrophotometric analysis

ABSTRACT: The formation of colored complexes of ytterbium with pyrocatechol violet, arsenazo I and methylthymol blue were studied spectrophotometrically. The absorption maxima of the complexes were respectively 636, 560, and 602 mμ. The photometric determination of ytterbium should be carried out with pyrocatechol violet at pH 7.0, with arsenazo I at pH 8.0, and with methylthymol blue at pH 6.0. The composition of the complexes with all the reagents corresponds to the ratio Yb^{3+}:R = 1:1. The solutions of the complexes closely obey the Bouger-Lambert-Beer law. The calibration curves were plotted and the errors were determined. The study of spectrophotometric characteristics showed that of the three reagents studied, the best for determining ytterbium is methylthymol blue. Orig. art. has: 3 figures and 1 table.

SUB CODE: 07 / SUBM DATE: 08Jun64 / ORIG REF: 011 / OTH REF: 006

Card 1/1

L 07930-67 EWT(m)/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AP6033387 (A) SOURCE CODE: UR/0075/66/021/008/1022/1026 43 B

AUTHOR: Akhmedli, M. K.; Bashirov, E. A.; Glushchenko, E. L.; Zykova, L. I.

ORG: Azerbaydzhan State University im. S. M. Kirov, Baku (Azerbaydzhanskiy gosudarstvennyy universitet)

TITLE: Interaction of gallium ions with pyrocatechol violet

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 8, 1966, 1022-1026

TOPIC TAGS: gallium, ion, gallium ion, ion interaction, ion concentration, pyrocatechol, pyrocatechol violet

ABSTRACT: Gallium forms colored compound with pyrocatechol violet at pH 5.75—6.7 in an acetate-hydrochloride medium. The components interact in a molar ratio of 1 : 2. The maximum absorption is at 580 nmol, the true molar extinction coefficient is 73,530, and the conditional instability constant is $5 \cdot 10^{14}$. Solutions obey Beer's law within the concentration range of 0.56--3.1 μg/ml of gallium. Such elements as Al^{3+}, In^{3+}, Fe^{3+}, Cu^{2+}, and Ti^{3+} interfere in the photometric determination of gallium; no interference is caused by alkali metals;

Card 1/2 UDC: 543.70

L 07930-67
ACC NR: AP6033387

As (III, V), Cd^{2+}, Zn^{2+}, Pb^{2+}, Cr (III), Co^{2+}, Mo (VI), Sn (IV), Ni^{2+}, Tl (III), Sb (III) interfere only up to definite ratios. The method has been used for gallium determination in pure solutions. The relative experimental error is not more than 4%. The sensitivity of the method is 0.04 μg/ml. Orig. art. has: 6 figures and 3 tables. [Authors' abstract]

SUB CODE: 07/ SUBM DATE: 27Apr65/ ORIG REF: 005/ OTH REF: 002/

Card 2/2 vmb

L 07101-67 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6029837 SOURCE CODE: UR/0073/66/032/008/0879/0885

AUTHOR: Babko, A. K.; Akhmedli, M. K.; Granovskaya, P. B. 23 B

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR (Institut obshchey i neorganicheskoy khimii AN UkrSSR); Azerbaydzhan State University im. S. M. Kirov (Azerbaydzhanskiy gosudarstvennyy universitet)

TITLE: Spectrophotometric study of reagents for determining ytterbium 27

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 8, 1966, 879-885

TOPIC TAGS: ytterbium, spectrophotometric analysis, rare earth element

ABSTRACT: In order to find the optimum reagent for determining ytterium-subgroup rare earth elements, a quantitative comparison of the spectrophotometric characteristics of 16 different reagents for determining rare earth elements was made by using ytterbium as an example. The following characteristics were considered: (a) $\Delta\lambda$, the difference between the wavelengths of the absorption peaks of the complex λ_{MeR} and reagent λ_{HR}; (b) the relative and (c) the absolute difference between the molar extinction coefficients of the complex E_{MeR} and reagent E_{HR} at λ_{max} of the complex. The absorption spectra of the molecular and ionic forms of the reagents and their complexes with ytterbium were recorded; the composition of the complexes was determined. The best reagents for the spectrophotometric determination of yttrium group rare earths were found to be arsenazo (III), xylenol orange, stilbazo, methyl thymol blue, and pyrocat-

Card 1/2 UDC: 543.535.243

MAMEDALIYEV, Yu.G.; MEKHTIYEV, S.D.; SULEYMANOV, G.N.; ALIYEV, S.M.
AKHMEDLI, T.M.

Selecting a solvent for polyethylene. Azerb.khim.zhur. no.1:11-17 '59. (MIRA 13:6)
(Polyethylene) (Solvents)

AKHMEDLI, T.M.; PERKL'MAN, A.I.

Structure and some properties of trans-1,3-pentadiene polymers obtained on a chromium oxide catalyst. Vysokom. soed. 8 no. 1: 61-64 Ja '66 (MIRA 19:1)

1. Institut neftekhimicheskogo sinteza AN SSSR. Submitted February 12, 1965.

AKHMEDOV, A.; BABAKHANOV, O.

Veterinary and sanitary inspection of meat and of the by-products of buffalo slaughtering. Mias.ind.SSSR 31 no.3:53-55 '60. (MIRA 13:9)

1. Azerbaydzhanskiy sel'skokhozyaystvennyy institut.
(Meat inspection)

AKHMEDOV, A.

Development of trade in Azerbaijan. Sov.torg. 33 no.6:39-45 Je '60. (MIRA 13:7)

1. Ministr torgovli Azerbaydzhanskoy SSR.
(Azerbaijan—Retail trade)

AKHMEDOV, A.

Electronic machines in the service of trade. Sov.torg. 33 no.3:47-48 Mr '60. (MIRA 13:6)

1. Institut kompleksnykh transportnykh problem Akademii nauk SSSR.
(Shipment of goods) (Electronic calculating machines)

KIMEDOV, A.

Lightweight automatic fire pump (for "Nutzfahrzeug"). Pozh. delo 7 no. 2:3 of cover F '61. (MIRA 14:2)
(Germany, West--Fire engines)

AKHMEDOV, A.

Low tonnage trucks in foreign trade. Sov.torg. 34 no.5:53-56 My '61. (MIRA 14:5)
(Motortrucks)

AKHMEDOV, A., red.; BORISOVA, Ye.I., red.; MEREDOV, P., tekhn. red.

[From the work practice of chemistry and biology teachers] Iz opyta raboty uchitelei khimii i biologii. Ashkhabad, Turkmenskoe gos. uchebno-pedagog.izd-vo, 1961. 21 p. (MIRA 15:1)

1. Respublikanskiy institut usovershenstvovaniya uchiteley.
(Chemistry--Study and teaching)
(Biology--Study and teaching)

AKHMEDOV, A.; MAKAROV, N.

Commerce should have specialized automobiles. Sov. torg. 35 no.3:50-51 Mr '62. (MIRA 15:3)

(Commercial vehicles)

AKHMEDOV, A. (Moskva)

Second-order modeling in application to a certain device. Zhur. vych. mat. i mat. fiz. 4 no.2:327-337 Mr-Ap '64. (MIRA 17:7)

AKHMEDOV, A.

Method for the mathematical simulation of multistage queuing systems. Izv. AN Turk. SSR. Ser. fiz.-tekh. khim. i geol. nauk no.3:3-10 '65. (MIRA 18:12)

1. Turkmenskiy gosudarstvennyy universitet imeni Gor'kogo.
Submitted Dec. 14, 1964.

AKHMEDOV, A. A.

1427 Issledovaniye raboty dvigatelya s vosplameneniyem ot szhatiya na smole azerbaydzhanskikh slantsev. Baku, 1954. 11 s. 21 sm. (M-vo vyssh. obrazovaniya SSSR. Azerbaydzh. ordena Trud. Krasnoto Znameni industr. in-t im. M. Azizbekova). 100 ekz. B. ts.-(54-51536)

SO: Knizhaya Letopis', Vol. 1, 1955

AKHMEDOV, A. A.

"Investigation of the Operation of a Compression-Ignition Engine Fueled With Azerbaydzhan Shale Tar." Cand Tech Sci, Azerbaydzhan Orderof Labor Red Banner Industrial Inst imeni M. Azizbekov, 27 Dec 54. (KL, 22 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

AKHMEDOV, A. A., Cand Agr Sci -- "Agrobiological ~~characteristics~~ peculiarities and basic methods of cultivating ~~saccharine sorghum~~ Chinese sugar cane under the conditions of Chechen-Ingush ASSR. Kirovabad, 1961. (Min of Agr AzSSR. Azerbaydzhan Agr Inst) (KL, 8-61, 252)

AKHMEDOV, A.A., inzhener.

Urgent problems in the improvement of irrigated lands in Tajikistan. Gidr.i mel. 8 no.10:19-26 O '56. (MLRA 9:10)
(Tajikistan--Irrigation)

AKHMEDOV, A.A., inzh.gidrotekhnik-meliorator; STARETS, R., red.; KHODZHAYEV, K., tekhn.red.

[Solution of the water problem in Tajikistan] K razresheniiu vodnoi problemy v Tadzhikistane. Stalinabad, Tadzhikgosizdat, 1960. 58 p. (MIRA 14:3)
(Tajikistan--Irrigation)

KASIMOVA, Sh.S.; AKHMEDOV, A.A.

A case of self-similar gas flow in a long pipeline. Izv. vys. ucheb. zav.; neft' i gaz 3 no.4:113-117 '60. (MIRA 15:6)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.
(Gas flow)

AKHMEDOV, A.A.

Evaluation of a self-modeling problem of the consecutive motion of two viscous fluids in a pipe with the use of separators. Izv. vys. ucheb. zav.; neft' i gaz 6 no.10:77-78 '63. (MIRA 17:3)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

AKHMEDOV, A.A.; FARADZHEV, T.G.; NAZIROV, S.A.

Determining the practical depth for using superturbodrill whipstocks taking into consideration the effective disintegration of rocks on the bottom and the full realization of turbodrill power. Izv. vys. ucheb. zav.; neft' i gaz 5 no.10: 27-33 '62. (MIRA 17:8)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova i AzNIIBurneft'.

AKHMEDOV, A.A.

Determining the changes in the drillability of rocks with depth. Izv.vys.ucheb. zav.; neft' i gaz. 6 no.5:27-29 '63 (MIRA 17:7)

Nonstationary separate consecutive motion of two viscous fluids in pipelines. Ibid. 83-86

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

AKHMEDOV, A., inzh.; MAKSIMOV, P.

Operating characteristics of the UAZ-451 motortrucks. Avt.transp. 40 no.10:39-41 O '62. (MIRA 15:11)

1. Institut kompleksnykh transportnykh problem AN SSSR (for Akhmedov). 2. Gosudarstvenny/ soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut (for Maksimov).
(Motortrucks)

KULIYEV, I.P.; SEID-RZA, M.K.; NAZIROV, S.A.; AKHMEDOV, A.A.

Efficient use of jet bits in turbo drilling. Azerb.neft.khoz. 41 no.2:11-14 F '62. (MIRA 15:8)
(Oil well drilling--Equipment and supplies)

AKHMEDOV, A.A., starshiy nauchnyy sotrudnik

Sugar sorgo in arid regions of the Northern Caucasus.
Zhivotnovodstvo 23 no.6:68-70 Je '61. (MIRA 16:2)

1. Otdel kormoproizvodstva Checheno-Ingushskoy gosudarstvennoy sel'skokhozyaystvennoy opytnoy stantsii.
(Caucasus, Northern--Sorghum)

AKHMEDOV, A.A.

Simplified method of first aid in mandibular fractures. Stomatologiia, Moskva no.1:66-67 1951. (CIML 20:8)

1. Of the Polyclinic for Industrial Cooperatives (Head Physician--Abramov), Baku.

AKHMEDOV, A.A.

Dental aid in pregnancy. Akush. gin. no.3:64-66 May-June 1953. (CIML 25:1)

1. Of the Stomatology Division of Azerbaydzhan Railroad Hospital.

AKHMEDOV, A.A.

Determination of the deflecting force considering the deformations of a turbodrill. Izv. vys. ucheb. zav.; neft' i gaz 4 no.11: 17-22 '61. (MIRA 17:2)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

AKHMEDOV, A.A.; GERCHIKOV, I.L.

Local application of ethyl chloride. Stomatologiia no.5:49 '53. (MLRA 7:1)

1. Iz TSentral'noy poliklinik st.Chelyabinsk (nachal'nik O.D. Shil'nikova, zaveduyushchiy stomatologicheskim kabinetom Z.V. Machigina) (for Gerchikov). 2. Iz Azerbaydzhanskoy dorozhnoy bol'nitsy (nachal'nik Kaziyeva, zaveduyushchiy stomatologicheskim otdelom A.A.Akhmedov) (for Akhmedov).

(Mouth--Surgery) (Ethyl chloride)