SOV/124-58-5-5870

Long-term Strength of Clay and the Creep in Depth of Slopes

integral is given for determining the time rate of the creep in depth; also, the differences between zones of the creep in depth and the surface slip are investigated.

G.S. Grigoryan

1. Clays--Mechanical properties
2. Clays--Creep
3. Mathematics

Card 2/2

TER-STEPANYAN, Georgiy Isayevich -- awarded sci degree of Doc Tech Sci for the 25 Apr 56 defense of dissertation: "Deep slippage in slopes and methods for its use" at the Council, Leningrad Engr-Constr Inst; Prot No 9, 19 Apr 58.
(BMVO, 10-58,14)

TER-STEPANYAN, G.I.

Conference on the properties of rocks from the viewpoint of engineering geology and methods for studying them. Izv. AN Arm. SSR. Ser. geol. i geog. nauk 11 no.1:71-72 '58. (MIRA 11:7)
(Engineering geology)

3(5) SOV/172-11-5-4/9

AUTHOR: Ter-Stepanyan, G.I.

TITLE: Classification of Slide Cracks (Klassifikatsiya opolznevykh treshchin)

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR, Seriya geologicheskikh i geograficheskikh nauk, 1958, Vol 11, Nr 5, pp 29-45 (USSR)

ABSTRACT: The analysis of cracks plays an important part in the study of the nature of slide processes. Slide cracks are of great variety; they represent the surface of seams along which movements of the solid mass of the earth have taken place. The character of slide cracks depends a great deal on the genetic type of the slide and on the geological local structure. Slide cracks can be divided into 2 main groups: surface cracks and deep cracks. While deep cracks, which do not lend themselves to easy investigation, give information on changes which have taken place in the past, surface cracks can be regarded as evidence of the actual static conditions and the existing tensions resulting from slide. In the chapter "classification of surface slide cracks" the author states that their differentiation is connected with the names of some scientists such as I.S. Rogozin

Card 1/3

[Ref 4], K. Krauskopf [Ref 8], etc. The author has elaborated in 1941 a morphogenetic classification of surface cracks in slides developing in diluvial deposits of slopes; this classification has been revised and is now presented as follows: The classification is based on the character of the tension which has caused the crack and on the direction of the vector of the full deformation in relation to the plane of the crack. The direction of the full vector of deformation is determined by the vertical angle β and horizontal angle α, as shown in Figure 1. Diagram 2 shows the different types of slide cracks according to the magnitude of angle α. On this basis surface slide cracks can be divided into 1) extension cracks, 2) extension and fault cracks, 3) fault cracks, 4) compression and fault cracks, 5) compression cracks. These cracks can be either open or closed. Diagram 3 shows formation of cracks from the viewpoint of vertical angle β, according to which basis surface slide cracks can be divided into a) lowered cracks, b) horizontal cracks, c) elevated cracks. In accordance with the possible combinations between the 2 angles, β and α, different types of cracks can be identified by combining accordingly the respective symbols of the arabic figures 1 - 5 with the latin letters a - c. Thus for instance, type

"1b" designates a horizontal extension crack. On the basis of above definitions the author proceeds to describe the morphology of the following different types of surface slide cracks, as illustrated by two block diagrams, their origin and characteristics being explained in the text: Type "1a" - lowered extension crack, type "1b" - horizontal extension crack, etc. The author cites a few cases of mixed cracks and their origin, especially in the case of irregular developments of slide. Another chapter of the article deals with cartography of slides and the various signs to be employed to designate specific formations.

There are 2 schematic diagrams, 2 block diagrams, 3 diagrams, 1 table, and 8 references, 7 of which are Soviet and 1 English.

ASSOCIATION: Institut geologicheskikh nauk AN Armyanskoy SSR (Institute of Geological Sciences of the AS Armenian SSR)

SUBMITTED: March 10, 1958

TER-STEPANYAN, G.I.

Nomogram for the determination of the filtration coefficient of soils. Izv. AN Arm. SSR. Geol. i geog. nauki 13 no.2:55-58 '60.
(MIRA 13:9)
(Soil mechanics--Graphic methods)

TER-STEPANYAN, G. I.

Determining the percolation coefficient of bound soils. Izv. AN Arm. SSR. Geol. i geog. nauki 13 no.3/4:111-114 '60.
(MIRA 13:9)

(Soil mechanics)

TER-STEPANYAN, Georgiy I.

The mechanisms of the origin of creeping.

Report to be submitted for the Rock Mechanics, International Society of 11th Colloquium-Fundamental Questions in the Field of Geomechanics, Salzburg, Austria, 27-28 Sept 63.

TER-STEPANYAN, G.I.

Present status of the theory of the deep creep of slopes. Izv. AN Arm. SSR. Nauk i prom. 18 no.1:43-59 '65. (MIRA 18:5)

TER-STEPANYAN, G.I.

Rheological characteristics of soils on slopes determined in the field. Dokl. AN Arm. SSR 40 no.1:7-12 '65.
(MIRA 18:7)

1. Institut geologicheskikh nauk AN ArmSSR. Submitted June 19, 1964.

TER-STEPANYAN, G.I.

Projective anamorphism of experimental curves for the derivation of empirical formulae. Dokl. AN Arm. SSR 40 no.5:271-277 '65. (MIRA 18:7)

1. Institut geologicheskikh nauk AN ArmSSR. Submitted July 17, 1964.

TER-STEPANYAN, G.I.

Position of the piezometric level in head regulators. Izv. AN Arm. SSR. Ser. tekh. nauk 18 no.3:33-36 '65.
(MIRA 18:8)

1. Institut geologicheskikh nauk AN ArmSSR.

TER-STEPANYAN, Georgii Isayevich, prof., doktor tekhn. nauk;
KARAGEBAKYAN, G.A., otv. red.

[Engineering chain nomograms with rectilinear scales; theory, calculation, and construction] Inzhenernye tsepnye nomogrammy s priamolineinymi shkalami; teoriia, raschet, postroenie. Erevan, Izd-vo AN Arm.SSR, 1965. 271 p. (MIRA 18:12)

TER-STEPANYAN, G.I.; ARAKELYAN, A.P.

Types of hydrogeological transverse canyons in lavas with underlying clay. Dokl. AN Arm. SSR 39 no.4:245-249 '64. (MIRA 18:1)

1. Institut geologicheskikh nauk AN ArmSSR. Predstavleno akademikom AN ArmSSR K. Paffengol'tsem.

TER-STEPANYAN, G.I.

Mechanism of the formation of bends in stratum heads. Dokl. AN Arm. SSR 38 no.2:93-99 '64. (MIRA 17:4)

1. Institut geologicheskikh nauk AN ArmSSR. Predstavleno akademikom AN Armyanskoy SSR I.G.Magak'yanom.

TER-STEPANYAN, G.I.

Graphic and graphic-analysis methods for chain nomograms with parallel scales. Dokl. AN Arm. SSR 36 no.4:203-209 '63. (MIRA 16:11)

1. Predstavleno akademikom AN Armyanskoy SSR A.G. Nazarovym.

DMITRIYEVA, Raisa Il'inichna; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S., red.; POMOMAREVA, A.A., tekhn.red.

[Profitableness of an industrial enterprise and ways to increase it] Rentabel'nost' promyshlennogo predpriiatiia i puti ee povysheniia. Moskva, Gosplanizdat, 1960. 220 p. (MIRA 14:2)

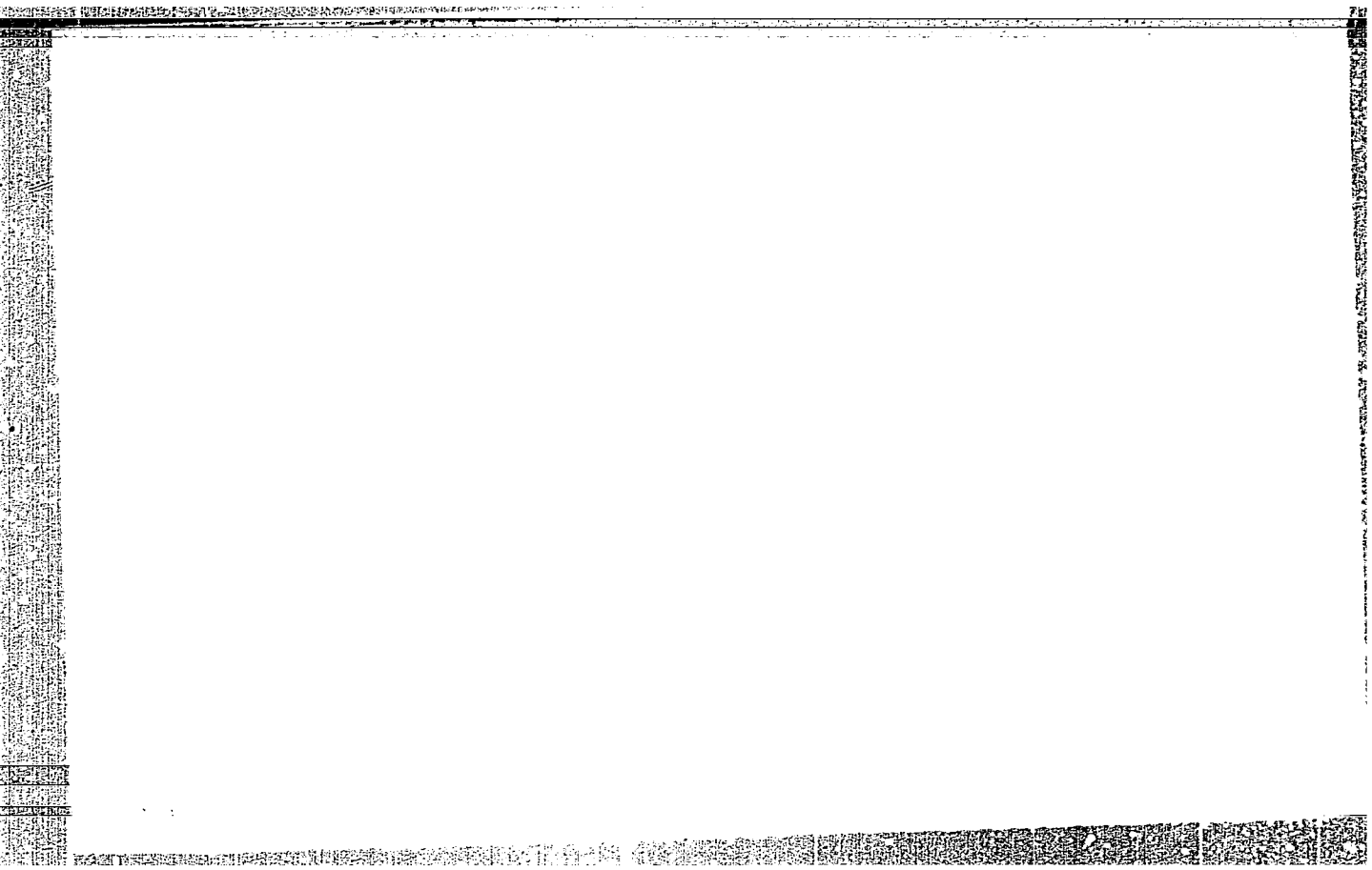
(Industrial management) (Profit)

LEVIN, Boris Menakhemovich, dots., kand. ekonom. nauk; LEVIN, Abram Naumovich, doktor tekhn. nauk, prof.; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S., red.; GERASIMOVA, Ye.S., tekhn. red.

[Using plastics and saving materials in industry] Primenenie plastmass i ekonomiia materialov v promyshlennosti. Moskva, Ekonomizdat, 1962. 242 p. (MIRA 15:6)
(Plastics)

TERTAN, A.

On the magnetic rotation spectrum of some iodine solutions.
Bul stiint polit Cluj no.5:75-80 '62.



APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755420015-1"

TERTEA, I.

Duration rigidity of bent elements in reinforced concrete. Studii tehn Timisoara 10 no.1:149-167 Ja-Je '63.

1. Institutul politehnic Cluj.

KOTLYARSKIY, I.A.; TERTEROV, A.A.

Flash floods in the Kishchay and Shinchay Rivers. Meteor.i gidrol. no.8:39-40 Ag '56. (MLRA 9:11)
(Kishchay River--Floods) (Shinchay River--Floods)

TERSZTENYAK, Janos, dr.

Lepiota helveola bresadola poisoning. Orv.hetil. 101 no.43:1538-1540 23 O '60.

1. Budapest fov. Koranyi Frigyes es Sandor Koskorhaza, Balesetvi Belgyogydaszati Osztaly.
(MUSHROOMS toxicol)

CSILLAG, M.; TERSZTYANSZKY, K.; GONDA, G.

Experimental investigations with stabilized effect folliculin derivatives. Magy. Noorv. lap. 14 no.8:238-243 Aug 1951.
(CIML 20:11)

1. Doctors except Gonda. 2. Second Women's Clinic (Director Prof. Dr. Imre Zoltan), Budapest Medical University.

HORANYI, M.; TERSTYANSZKY, K.

Uterotonic effect of the strophanthin. Orv. hetil. 93 no. 34:974-976 24 Aug 1952. (CIML 23:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan Rusznyak), Budapest Medical University and Second Women's Clinic (Director -- Prof. Dr. Imre Zoltan).

BISHAYEV, Mikhail Andreyevich, kand.ekonom.nauk; FEDOROVICH, Mikhail Mikhaylovich, prof.; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S., red.; GERASIMOVA, Ye.S., tekhn.red.

[Organization of the administration of industrial production] Organizatsiia upravleniia promyshlennym proizvodstvom. Moskva, Gos.izd-vo planovo-ekon.lit-ry, 1961. 224 p. (MIRA 14:6)

(Industrial organization)

FEDOROVICH, Mikhail Mikhaylovich; LEOSHKIN, A.P., dotsent, kand.ekonom. nauk; POLYAKOVA, dotsent, kand.ekonom.nauk; KOVALEVA, A.M., kand. ekonom.nauk; TIKHOMIROV, V.A., dotsent, kand.tekhn.nauk, retsenzent; KOVYLIN, I.I., inzh., retsenzent; TEPLOV, T.V., prof., doktor ekonom. nauk, retsenzent; FEDORENKO, N.P., prof., doktor ekonom.nauk, retsenzent; TROITSKIY, D.A., dotsent, retsenzent; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S., red.; GERASIMOVA, Ye.S., tekhn.red.

[Organization and planning of chemical enterprises] Organizatsiia i planirovanie khimicheskogo predpriiatiia. Moskva, Gosplanizdat, 1959. 547 p. (MIRA 12:7)
(Chemical industries)

TERSTYANSZKY, Kalman, dr.

Preventive examinations and anti-cancer dispensary work. Hetegeszsegugy 42 no.10:209-210 O '61.

1. Kozlemeny a Budapest XIX. ker. onkologiai gondozointezetbol.
(NEOPLASMS hosp & clin) (HOSPITAL OUTPATIENT SERVICE)

TERSZTYANSZKY, Tibor

"Operating experience with the power transmission line glass insulators" by I.A. Yakobson. Reviewed by Tibor Tersztyanszky. Elektrotechnika 55 no.11:525-526 N '62.

Tertan, A.

PHASE I BOOK EXPLOITATION RUM/3753

Cluj, Transylvania. Institutul Politehnic

Lucrări științifice (Scientific Works) Cluj, Intreprinderea Poligrafica, 1959. 457 p. Errata slip inserted. No. of copies printed not given. No contributors mentioned.

PURPOSE: This book is intended for mathematicians, physicists, chemists, and civil and mechanical engineers.

COVERAGE: The book consists of 59 papers by Rumanian specialists on problems in science and technology, particularly mathematics, physics, chemistry, metallurgy, civil and mechanical engineering. Summaries in Russian and French or German are given at the end of each article. Some of the articles are accompanied by references. No personalities are mentioned. At the back of the book there are 23 references, all Rumanian.

TABLE OF CONTENTS:

PART I. MATHEMATICS - PHYSICS - CHEMISTRY

Deecs, E. Graphonumerical Integration of the Differential Equation of a Drop-Shaped Container, and the Graphic Rectification of the Meridian Curve 73

Ionescu, Gh. A New Method for Proving the Cramer Rule 79

Bogdán, E. Certain Problems of Osculation and Some Types of Differential Equations 83

Bogdán, E. Approximation of Functions by Means of Rational Fractions 95

Stamate, I. Some Properties of the Parabola and the Integration of a Functional Equation 101

Stamate, I. Some Remarks Concerning a Functional Equation 107

Stamate, I. On the Functional Equation: $f(x+y) = f(x) + f(y) + f(x)f(y)$ 111

Belgia, I., O. Balint, A. Tertan, G. Pawl, S. Gocan, and C. Codreanu. Experimental Tests on Drying With Infrared Radiation in the Process of Painting the Housing of the Sewing Machine Made by the Cugir Metallurgical Plant 119

Tintea, E., I. Belgia, and N. Martalogu. On the Absorption Spectrum of α-Fluoronaphthalene 129

Tintea, E., and A. Tertan. Study of Some Binders Made of Synthetic Resins Transparent in the Ultraviolet Range 133

Berecsky, T. - Experimental Contributions to the Study of Anodic Oxidation and Painting of Aluminum 137

Palamegy, K., E. Stoicovici, M. Ilieș, M. Kulcsár, L. Literat, and L. Nagy. Contributions to the Study of Colloidal Clays of the Rumanian People's Republic (Second Report) 145

Palamegy, K., E. Stoicovici, M. Ilieș, M. Kulcsár, L. Literat, and L. Nagy. Contributions to the Study of Colloidal Clays of the Rumanian People's Republic (Third Report) 159

Palamegy, K., and L. Literat. Adsorption Isotherms of Methyl Alcohol Vapors on Colloidal Clays of the Bentonite Type 171

Literat, L. Contributions to the Method of Studying the Adsorption of Vapors and Gases 181

(19)

STANESCU, L.; GOCAN, S.; TERTAN, A.; MOTIU, A.; BOGATEANU, G.; POP, O.

Study of some semiconductor characteristics of nickel chromite.
Bul stiint polit Cluj no.5:65-74 '62.

TERTAN, A.

Magnetorotation spectrum of iodine vapors. Bul stiint polit Cluj no.7:71-77 '64.

NAGY, Ladislau; TERTAN, Alexandru; SZILAGYI, Mihai; VODA, Teodor

Study on the thermal conductibility of some sintered parts based on iron. Constr mas 16 no.10:544-547 O '64.

Tertei I.

PHASE I BOOK EXPLOITATION SOV/3783

Cluj, Transylvania. Institutul Politehnic

Lucrări științifice (Scientific Works) Cluj, Intreprinderea Poligrafica, 1959. 637 p. Errata slip inserted. No. of copies printed not given. No contributors mentioned.

PURPOSE: This book is intended for mathematicians, physicists, chemists, and civil and mechanical engineers.

COVERAGE: The book consists of 59 papers by Rumanian specialists on problems in science and technology, particularly mathematics, physics, chemistry, metallurgy, civil and mechanical engineering. Summaries in Russian and French or German are given at the end of each article. Some of the articles are accompanied by references. No personalities are mentioned. At the back of the book there are 23 references, all Rumanian.

TABLE OF CONTENTS:

PART II. CONSTRUCTION

Avram, C. N. Continuous Beams. Influence Lines for the Mobile Pair M = 1 191

Avram, V., A. Ianceu, Goldberger, and F. Földes. Aluminum-Silicate-Calcium Products From Ash and Slag Resulting From the Combustion of Pulverized Coal 211

Ille, V. Deformations and Forces in an Oblique Flat Plate 219

Ille, V., and C. Pia. A More Rigorous Method for Calculating Sectorial Geometric Characteristics of Thin-Walled Laminated Shapes Produced in the Rumanian People's Republic 231

Munteanu, Gr. Determination of the Critical Speed in a Moving-Load Setup 247

Mihăilescu, N. Cases in Which Soil Conditions Taken Into Account in the Design of Foundations Do Not Correspond to Actual Conditions and in Which Computed Settling Differs From Actual Settling 259

Mihăilescu, N. Comparison of Measured Settling With Computed Settling of the Foundation of a Railroad Bridge 271

Salvaru, V. Determination of Natural Illumination by Means of Lighting Grids 283

[illegible] and O. Mirea. Observations on Creep Strain in Concretes With Porous Aggregates (Clay and Expanded Slag) 295

PART III. MECHANICS

Albu, A. Cam Design and the Planning of the Machining Process on a Single-Spindle Automatic Turret Lathe 309

Albu, A. Behavior of Inserts of Bronze and Sintered Metal Powders Used for High-Speed Sliding Bearings With Loads On Many Points of Circumference 329

Botha, A., and L. Botha. New Type of Blast Furnace 343

Chigu, A. Investigation and Tests On the Substitution of Inserts Made of Nodular Cast Iron for Bronze Bushings in Freight Cars 353

Chigu, A., Th. Albu, O. Pulpe, and St. C. Pop. Research and Tests on Bearing Bushings Made of Zimal [Zn-Al-Cu-Pb alloy] 361

Chigu, A. Diesel Cylinder Jackets Made of Nodular Cast Iron 381

Domsa, A., A. Palfalvi, and L. Botha. Experimental Tests on the Characteristics of Powders From [Ball] Bearing Steel and the Determination of Their Application 387

Domsa, A., G. Müller, T. Perecsky, St. Kovács, and E. Colan. Investigating the Making of Sintered Contact Points for Electric Circuits 397

Domsa, A. and Palfalvi. Investigation of Obtaining Iron Powder Type FRDM (Iron Reduced by Methane) 411

Domsa, A., G. Müller, and V. Constantinescu. Investigating the Possibility of Using Some New Materials in the Production of Grinding Wheels With a Sintered Bond 427

TERTEA, I.

State of stress in reinforced concrete continuous beams, considering the duration rigidity of sections. Bul stiint polit Cluj no.5:185-216 '62.

TERTEA, I.; COSTEA, A.; MUNTEANU, Gr.

Observations on the influence of infrared rays on the hardening of concrete. Bul stiint polit Cluj no.7:157-167 '64.

1. Polytechnic Institute, Cluj (for Costea). 2. Cluj Construction and Assembling Enterprise (for Munteanu).

PHASE I BOOK EXPLOITATION SOV/5021

Akademiya nauk SSSR. Institut fizicheskoy khimii

Problemy kinetiki i kataliza. (1) 10: Fizika i fiziko-khimiya kataliza (Problems of Kinetics and Catalysis. [Vol.] 10: Physics and Physico-Chemistry of Catalysis) Moscow, Izdvo AN SSSR, 1960. 464 p. Errata slip inserted. 2,500 copies printed.

Eds.: S.Z. Roginskiy, Corresponding Member of the Academy of Sciences USSR, and G.K. Boreskov, Candidate of Chemistry; Ed. of Publishing House: A.L. Shakhkiyan; Tech. Ed.: G.A. Arkat'yeva.

PURPOSE: This collection of articles is addressed to physicists and chemists and to the community of scientists in general interested in recent research on the physics and physical chemistry of catalysis.

COVERAGE: The articles in this collection were read at the conference on the Physics and Physical Chemistry of Catalysis organized by the Otdel khimicheskikh nauk AN SSSR (Section of Chemical Sciences, Academy of Sciences USSR) and by the Academic Council on the problem of "the scientific bases for the selection of catalysts." The Conference was held at the Institut fizicheskoy khimii AN SSSR (Institute of Physical Chemistry of the AS USSR) in Moscow, March 20-23, 1958. Of the great volume of material presented at the conference, only papers not published elsewhere were included in this collection.

TABLE OF CONTENTS AND SUBJECT CLASSIFICATIONS IN CATALYSIS

Balandin, A.A. [Institute of Organic Chemistry of the AS USSR]. Structural and Energy Factors in the Elementary Stages of Catalysis 319

Balandin, A.A., and F. Setkina. The Role of 4-Electrons in Catalysis. Electron of Dehydrogenation of Isopropyl Alcohol in the presence of Copper, Cobalt, Nickel, Iron, Silver, Platinum and Palladium 339

Shpiro, E.S., and Balandin, A.A. [Institute of Organic Chemistry of the AS USSR]. Bond Energy of Nickel, Iron, Platinum and Palladium Catalysts With the Elements of Organic Compounds 344

[Participants, A.A., and Balandin, A.A. [Institute of Organic Chemistry of the AS USSR]. Using Oxide Catalysts to Determine Bond Energy by the Kinetic Method With a View to Working Out a Theory for the Selection of Catalysts 351

Yanovskiy, V.F., and Balandin, A.A. [Institute of Organic Chemistry of the AS USSR]. Investigation of the Elementary Stages of the Alcohol Dehydration Reaction Over Al_2O_3 Catalysts 356

Balandin, A.A., and K.P. Sokolova. [Institute of Organic Chemistry of the AS USSR]. Catalytic Properties of Sodium-Tungsten Bronzes as Defective Structures 363

VI. RADICALS AND CHAIN CONFIGURATIONS IN CATALYSIS

Voyevodskiy, V.V., [Institute of Chemical Physics of the AS USSR]. Chain Configurations In Heterogeneous Catalysis 369

Ermer-Alfons [Chair of Inorganic Chemistry of the A. Mickiewicz University, Poznan]. Structure of Heterogeneous Catalysts and the Mechanism of Certain Catalytic Reactions 381

Temkin, M.I., and L.O. Apel'baum [Physicochemical Institute Imeni L.Ya. Karpov]. Using a Semi-Permeable Membrane to Study the Chain Characteristic of Surface Reactions 398

Kazanskiy, V.B., and Voyevodskiy, V.V. [Institute of Chemical Physics of the AS USSR] On the Problem of the Possibility of Chain Mechanisms During Catalysis Over Metals 398

Rytov, Yu. S., and M.I. Temkin [Institute of Organic Chemistry Imeni N.D. Zelinskiy AS USSR]. Role of Flat Chains in the Mechanism of Hydrogenolysis of Olefines Under the Action of Small Quantities of Carbon Monoxide in the Presence of Nickel 404

S/020/60/132/03/24/066
B011/B008

AUTHORS: Balandin, A. A., Academician, Tateni, P.

TITLE: On the Influence of the Nature of Metals on Their Catalytic Activity

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 3, pp. 577-580

TEXT: In the paper under review the authors experimentally studied the kinetics of the dehydrogenation of the isopropyl alcohol on metallic silver, platinum, and palladium. The methods of the kinetic measurements have been described previously (Refs. 10,11). The rate constants k were calculated in accordance with equation

$$k = (z_2 + z_3)A_1 \ln \frac{A_1}{A_1 - m} - (z_2 + z_3 - 1)m \quad (1).$$

This equation was obtained from the general kinetic equation which was derived by A. A. Balandin (Ref. 19), with A_1 being the volume rate of the alcohol

Card 1/3

On the Influence of the Nature of Metals on Their Catalytic Activity

S/020/60/132/03/24/066
B011/B008

passage, m the hydrogen volume separated within 1 min. and z_2 and z_3 the relative adsorption coefficients of the acetone and hydrogen. The determination of z_2 and z_3 was necessary for the calculation of k. This was done by means of the reaction-kinetic method (Ref. 20). For the methods of the determination and calculation see Refs. 15 and 16. The results are given in Tables 2 and 3. The authors carried out separate experimental series at different temperatures and at a constant volume rate in order to determine the activation energy ε of the dehydrogenation of the isopropyl alcohol. The values A_1, m and $(z_2 + z_3)$ were inserted in formula (1) for the calculation of the values of k. z_3 increases in the case of the platinum catalyst with the rise of temperature (Table 3), z_3 had therefore to be determined for the desired temperature with the aid of interpolation from the dependence diagram log z_3 of 1/T. The true activation energy was only determined on silver and platinum, since the relative adsorption coefficients of the reaction products were only available for these catalysts. For palladium, the approximate activation energy was only determined from the tangent of the angle of slope of the straight line in the diagram log m, 1/T. The values determined for ε are

Card 2/3

On the Influence of the Nature of Metals on Their Catalytic Activity

S/020/60/132/03/24/066
B011/B008

shown in Tables 4-6 and Fig. 2. The points come to lie on the straight line by Arrhenius with sufficient accuracy (Fig. 2). Table 1 shows the activation energies, also those taken from the papers (Refs. 15 and 16). In the introduction, the authors explain the multiplet theory by A. A. Balandin (Ref. 1) and the structural, as well as energetic correspondence between the chemical compounds reacting in the substrate and in the catalyst. They state, moreover, that the results mentioned in Table 1 have a sufficiently general character. The authors mention A. M. Rubinshteyn, S. Z. Roginskiy, F. F. Vol'kenshteyn and N. D. Zelinskiy. There are 2 figures, 6 tables, and 20 references, 11 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: September 9, 1959

Card 3/3

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fruits. Berries. Nuts. Tea.

ABS. JOUR. : Ref Zhur -Biologiya, No.1 , 1959, No. 1775

AUTHOR :
INST. :
TITLE : Some Results of Fruit Selection in the U.S.S.R.

ORIG. PUB.. Agrobiologiya, 1957, No.6, 61-67

ABSTRACT : A short survey of the selection work with fruit and berry plants in the U.S.S.R. for forty years is presented. The leading research-scientific institutions and fruit selection stations are enumerated. The better varieties, their creation, and methods for their production are pointed out.

CARD: 1/1

TERTEROV, A. A. Cand Geog Sci -- "Hydrographic peculiarities of the rivers of Southern Dagestan." Baku, 1960 (Committee of Higher and Secondary Specialized Education of the Council of Ministers AzSSR. Azerbaydzhan State Univ im S. M. Kirov) (KL, 1-61, 184)

GYUL', K.K., prof.; VLASOVA, S.V.; KISIN, I.M.; TERTEROV, A.A.;
Prinimali uchastiye: BABAYEV, A.D.; KONDRASHOV, V.D.;
PAZUKHIN, P.N., red.; KHASIN, L.N., tekhn. red.

[Rivers of the Daghestan A.S.S.R.]Reki Dagestanskoi ASSR.
[By] K.K.Giul' i dr. Makhachkala, Dagestanskoe knizhnoe izd-
vo, 1961. 368 p. (MIRA 15:10)
(Daghestan—Rivers)

KISIN, I.M.; TERTEROV, A.A.

Murkar glacier plunges into a valley. Priroda 50 no. 2:66-67 F '61. (MIRA 14:2)

1. Gidrometeorologicheskaya sluzhba AzerSSR, Baku.
(Caucasus--Glaciers)

GYUL', K.K., prof.; VLASOVA, S.V.; KISIN, I.M.; TERTEROV, A.A.; KASHKAY, M.A., akademik, red.

[Physical geography of the Daghestan A.S.S.R.] Fizicheskaia geografiia Dagestanskoi ASSR. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 248 p. (MIRA 13:2)
(Daghestan--Physical geography)

GYUL', K.K., prof.; KISIN, I.M.; TERTEROV, A.A.; MAKSTMAN, I., red.; DMUKHAR, V., tekhn.red.

[Nature of Daghestan; sketches] Priroda Dagestana; ocherki. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 85 p. (MIRA 13:2)

(Daghestan--Physical geography)

KISIN, I.M.; TERTEROV, A.A.

Hydrochemical conditions of the Sulak and Samur Rivers and discharge of dissolved substances in their waters. Uch.zap.AGU no.2:49-56 '58. (MIRA 12:1)
(Sulak River--Hydrology) (Samur River--Hydrology)

VLASOVA, S.A.; TERTEROV, I.A.

Hydrometeorological study of torrential flood basins. Meteor. i gidrol. no.1:47-49 Ja '59. (MIRA 12:3)
(Azerbaijan--Floods) (Daghestan--Floods)

KISIN, I.M.; TERTEROV, A.A.

Characteristics of the temperature conditions of Daghestan rivers. Izv.AN Azerb.SSR.Ser.geol.-geogr.nauk no.1:119-134 '59. (MIRA 12:5)

(Daghestan--Rivers--Temperature)

ТЕРТЕРОВ, А.А.

KISIN, I.M.; TERTEROV, A.A.

Characteristics of the distribution of atmospheric precipitation over the territory of Daghestan. Uch. zap. AGU no.1:55-65 '57.
(Daghestan--Precipitation (Meteorology)) (MIRA 10:12)

3(7)

AUTHORS: Vlasova, S. A., Terterov, A. A. SOV/50-59-1-10/20

TITLE: Attempting the Hydrometeorological Investigation of Flood Water Basins (Opyt gidrometeorologicheskogo izucheniya selenosnykh basseynov)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 1, pp 47-49 (USSR)

ABSTRACT: In 1957 in the Azerbaydzhanskaya SSR, the setting up of a survey of flood water river basins in Azerbaydzhan and Dagestan was started. The hitherto missing observations prevented the investigation of hydrometeorological causes of the mooring, their forecast and their elimination. As the origins of flood lie in heights over 2,000 m where there were no permanent hydrometeorological stations, it was mainly operated with expeditions and provisional stations. The most important observation points lay at the outlet of detrital rivers into the foothill valleys. The program comprised: a) the organization of a network of provisional high-mountain stations to clarify the causes of flood water and its discharge process; b) an additional service of the existing hydrometeorological network to investigate the meteorological conditions and the hydrological processes in passing the

Card 1/2

moorings through the foothills; c) the investigation of the origins of flood waters in the valleys and brooks, in order to clarify the potential possibility of moorings; d) hydrological and meteorological measurements to study the high-water discharge in different high regions. The provisional stations (posts) were established on the southern slope of the Caucasus at a height of 2,200 to 2,800 m. The observation extended to the months of June to September as then the biggest number of flood waters occur. This program is to extend over 2 to 4 years. Further investigations are to be carried out in special research stations.

PIRIYEV, R.Kh.; TERTEROV, A.A.; BAGIROV, I.M.

Maximum discharge of water of the ephemeral streams in the region of winter pastures of Kobystan. Uch.zap.AGU. Geol.-geog.ser. no.6:97-106 '61. (MIRA 16:1)
(Kobystan—Water-supply engineering)

KISIN, I.M.; TERTEROV, A.A.

Some special hydrographic characteristics of the rivers of Daghestan. Dokl. AN Azerb.SSR 14 no.9:701-705 '58. (MIRA 11:10)

1. Upravleniye Gidrometsluzhby. Predstavleno akademikom AN AzerSSR M.A.Kashkayem.
(Daghestan--Water supply)

TERTEROV, M. N.

TERTEROV, M. N. — "Perfection of the Technological Process of Break-Up of Trains on Hills by Introducing New Techniques." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. Leningrad, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SOURCE Knizhnaya Letopis' No 6 1956

TERTEROV, M.N., kand.tekhn.nauk

Some rolling characteristics of uncoupled cars on humps. Sbor.trud.-LIIZHT no.189:39-44 '62. (MIRA 16:7)
(Railroads--Hump yards)

SMIRNOV, Yu.N., inzh. (Leningrad); TERTEROV, M.N., kand. tekhn. nauk, dotsent (Leningrad)

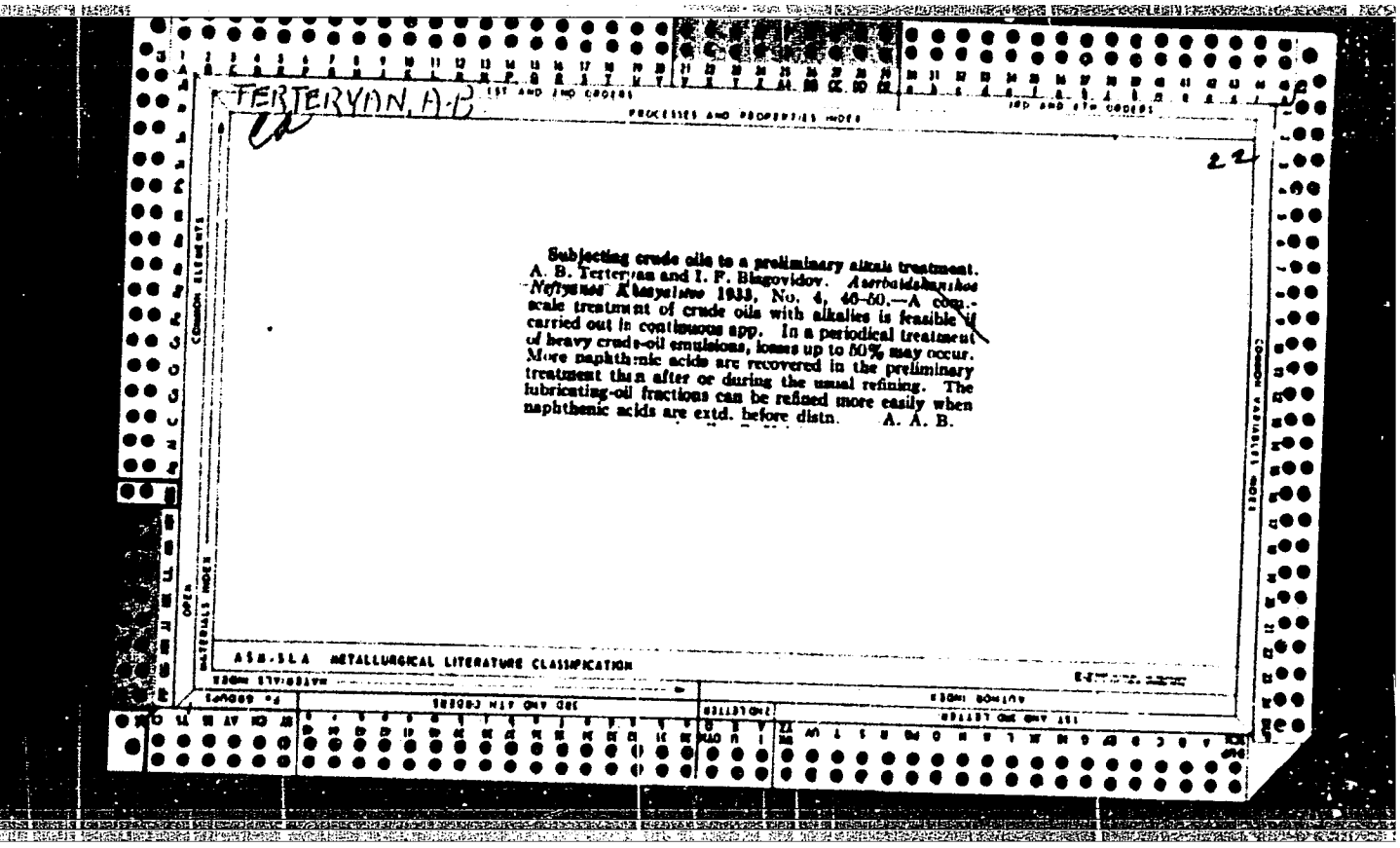
New developments in the technology of classification yards. Zhel. dor. transp. 47 no. 11:18-22 N '65 (MIRA 19:1)

1. Nachal'nik stantsii Leningrad-Sortirovochnyy-Moskovskiy (for Smirnov).

TERTERYAN, A.A., inzh.; LEYTES, A.V., inzh.; MAKUSHIN, A.A., inzh.; VEDENYAPINA, I.I., inzh.

Effect of pressure of the traction rolls on continuous steel casting equipment on the quality of cast slabs. Stal' 21 no.10: 901-902 O '61. (MIRA 14:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii i zavod "Krasnoye Sormovo".
(Continuous casting)

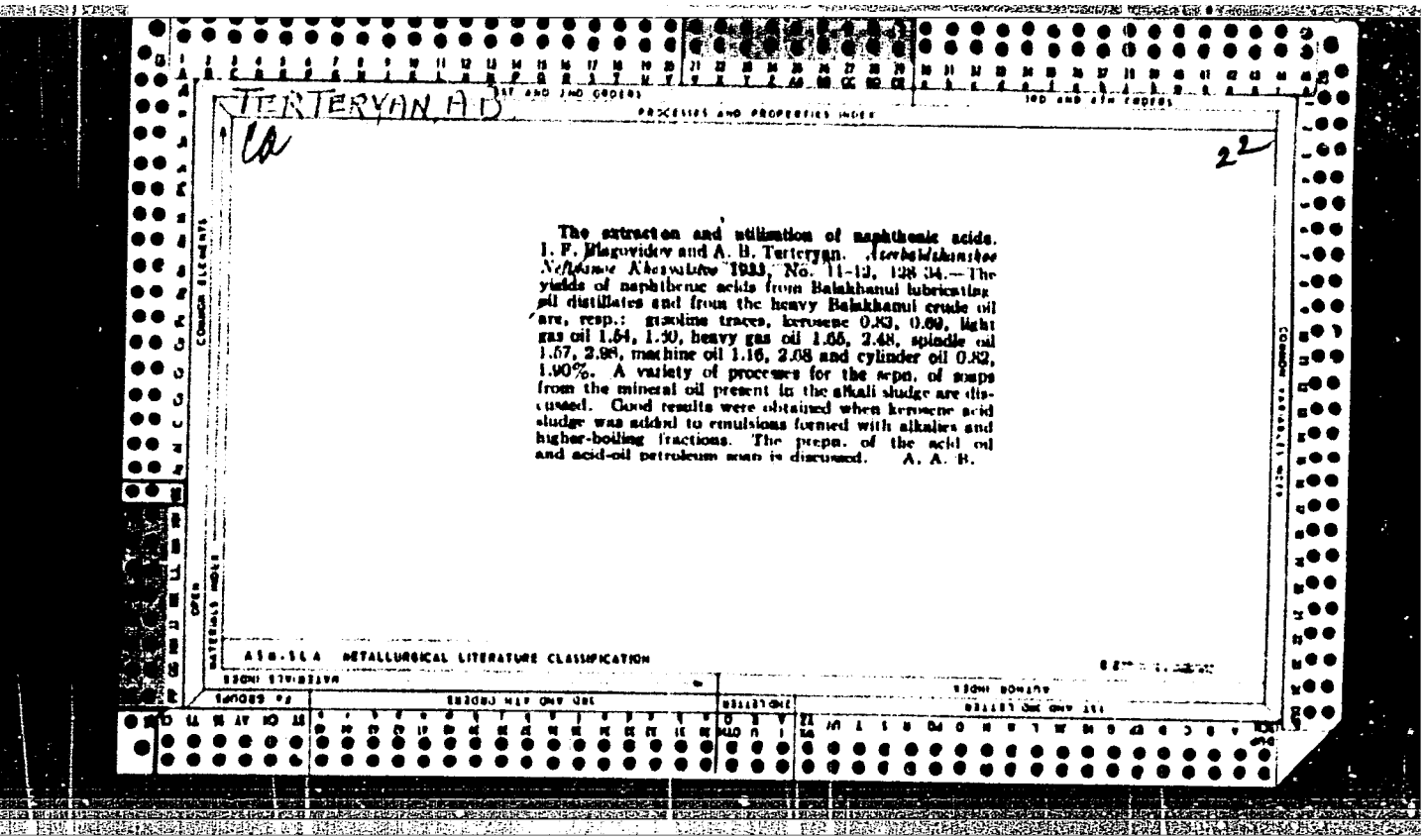


TERTERYAN, A.B.

22

Subjecting crude oils to a preliminary alkali treatment. A. B. Terteryan and I. F. Blagovidov. *Azerbaidzhanskoe Neftyanoe Khozyaistvo* 1933, No. 4, 46–50.—A comparative-scale treatment of crude oils with alkalies is feasible if carried out in continuous app. In a periodical treatment of heavy crude-oil emulsions, losses up to 50% may occur. More naphthenic acids are recovered in the preliminary treatment than after or during the usual refining. The lubricating-oil fractions can be refined more easily when naphthenic acids are extd. before distn. A. A. B.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



TERTERYAN, A B

1a

22

The extraction and utilization of naphthenic acids. I. P. Blagovidov and A. B. Terteryan. *Azerbaidzhanskoe Neftyanoe Khozyaistvo* 1933, No. 11-12, 128-34.—The yields of naphthenic acids from Balakhanui lubricating oil distillates and from the heavy Balakhanui crude oil are, resp.: gasoline traces, kerosene 0.83, 0.60, light gas oil 1.54, 1.30, heavy gas oil 1.65, 2.48, spindle oil 1.67, 2.98, machine oil 1.16, 2.08 and cylinder oil 0.82, 1.90%. A variety of processes for the sepn. of soaps from the mineral oil present in the alkali sludge are discussed. Good results were obtained when kerosene acid sludge was added to emulsions formed with alkalies and higher-boiling fractions. The prepn. of the acid oil and acid-oil petroleum soap is discussed. A. A. B.

AGAYEVA, S.M.; YERMOKHIN, V.V.; ISMAYLOV, A.G.; KUDINOV, A.V. [deceased]; KUPRIYANOVA, L.A.; NADIROVA, M.M.; TERTERYAN, A.B. [deceased]; TERTERYAN, S.A.

Azerbaijan crude oils as feed stock for the manufacture of Diesel fuels. Sbor.trud.AzNII NP no.2:34-43 Ag '58. (MIRA 12:6)
(Azerbaijan--Petroleum)
(Diesel fuels)

Terteryan, A.B.

SOV/81-59-10-36392

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 10, p 438 (USSR)

AUTHORS: Agayeva, S.M., Yeremkhin, F.V., Isayeva, A.G., Gulyaev, A.V., Kupriyanova, L.A., Mamikova, N.M., Terteryan, A.B., Terteryan, S.A.

TITLE: The Petroleum of Azerbaydzhan as Raw Material Source for the Production of Diesel Fuels

PERIODICAL: Sb. tr. Azerb. n.-i. in-t neftepererab. prom-sti, 1958, Nr 2, pp 34-43 (Azerbaydzhanian summary)

ABSTRACT: The results of an investigation are cited which had the aim of obtaining high-quality diesel fuel for high-speed diesel engines from Azerbaydzhan petroleum. Petroleum samples of 24 layers were subjected to laboratory fractionation followed by selecting the 100°C fractions within the temperature range of 130 - 400°C. The obtained fractions were then subjected to physical-chemical analysis for determination of indices characterizing the operational properties of the fuels: cetane number, fraction composition, viscosity, turbidity and pour points, etc. Based on the investigation the classification of the principal types of Baku petroleum has been carried out with regard to obtaining diesel fuels from them. The resources

Card 1/2

and the qualities of these fuels have been determined and a State Standard GOST for high-speed diesel fuels has also been developed.

V. Kel'tsev

L 23007-66 EWT(m)/T DJ/WE

ACC NR: AP6007670 (A) SOURCE CODE: UR/0413/66/000/003/0043/0043

AUTHOR: Terteryan, A. B.; Ivanyukov, D. V.; Agayeva Aga-Kyzy, S. M.; Grachev, D. S.; Yermokhin, V. V.; Ismailov, A. G.; Kuriyanova, L. A.; Nadirova, M. N.; Terteryan, S. A.

24
B

ORG: none

TITLE: Deparaffination of distillate petroleum products. Class 23, No. 178436

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 43

TOPIC TAGS: deparaffination, petroleum product, petroleum refining

ABSTRACT: An Author Certificate has been issued for a method describing the dewaxing of petroleum products using carbamides. The carbamide is introduced in the form of a solution in isopropyl alcohol during the process for separating normal paraffin hydrocarbons. The latter is carried out without the use of filters. [LD]

SUB CODE: 11/ SUBM DATE: 11Jul57

Card 1/1 pla

UDC: 665.545.3:547.495.2

2

TERTERYAN, A.Ye.

Description of two new species of midges (Diptera, Simuliidae) from Armenia. Dokl.AN Arm.SSR 11 no.3:93-97 '49. (MLRA 9:10)

1.Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR, Yerevan. Predstavlena V.O.Gulkanyanom.
(Armenia--Black flies)

RUBTSOV, I.A.; TERTERYAN, A.Ye.

Little known and new species of midges (Diptera, Simuliidae) from the Armenian S.S.R. Dokl. AN Arm. SSR. 15 no.2:57-64 '52.
(MLRA 9:10)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR. Predstavlene V.O. Gulkanyanom.
(Armenia--Black flies)

TERTERYAN, A.Ye.

New species of midges (Diptera, Simuliidae) from the Armenian S.S.R. Dokl. AN Arm. SSR. 15 no.3:89-96 '52. (MLRA 9:10)

1. Predstavleno V.O. Gulkanyanom.
(Armenia--Black flies)

SHTAKEL'BERG, A.A.; TERTERYAN, A.Ye.

Morphological structure of appendixes of the female genital apparatus of horseflies (Diptera, Tabanodae). Dokl.AN Arm. SSR. 16 no.2: 53-64 '53. (MIRA 9:10)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno V.O. Gulkanyanom.
(Horseflies) (Generative organs, Female)

TERTERYAN, A. Ye.

Comparative effectiveness of direct collection of bloodsucking horseflies (Diptera, Tabanidae) from various parts of the body of the animal. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 7 no.7:71-78 Jl '54. (MLRA 9:8)

1. Zoologicheskiy institut Akademii nauk Arm. SSR.
(Horseflies) (Zoological specimens--Collection and preservation)

RUBTSOV, I.A.; TERTERYAN, A.Ye.

New species of gnat (Simuliidae, Diptera) found in southeastern Armenia. Dokl. AN Arm. SSR 19 no.1:29-32 '54. (MLRA 8:7)

1. Predstavleno G.Kh. Bunyatyanom. (Armenia--Simuliidae)

TERTERYAN, A.Ye.

New data on Armenian gnats (Simuliidae, Diptera). Dokl. AN Arm. SSR 20 no.3:105-110 '55. (MLRA 8:7)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno G.Kh. Bunyatyanom. (Armenia--Diptera) (Armenia--Simuliidae)

TERTERYAN, A. YE.

USSR/Zooparasitology - Ticks and Insects (Disease Transmitters) P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70202

Author : Terteryan, A.E.
Title : New Species of Prosimilium from Armenia (Diptera, Similiidae)

Orig Pub : Dokl. AN ArmSSR, 1956, 23, No 2, 87-93

Abstract : A new distinct type Pr. frontatum Tert. is distinguished from all other known species of this and other genera of black flies by the presence of a stripe on the head of the male. They are found in spring-fed streams at an altitude of approx. 2000 m above sea level. The eggs of this species are laid singularly on floating leaves.

Card 1/1

USSR/Zooparasitology. Ticks and Insects as Disease Vectors. Insects. G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77046.

Author : Terteryan, A. Ye.
Inst :
Title : Determination of the Number of Stages in Larvae of the Small Dipteran (Diptera, Simuliidae).

Orig Pub: Entomol. obozreniye, 1957, 36, No 4, 860-868.

Abstract: For determination of the number of larvae stages, the following measures are used: width of head in the area of the eyes, width of head along the posterior edge, the greatest width of the thorax, length of body, number of bristles in separate segments, length and width of submentum and other signs. The variations of data obtained was treated

Card : 1/2 Zoology Inst, AS Arm SSR

27

USSR/Zooparasitology. Ticks and Insects as Disease Vectors. Insects. G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77046.

statistically; as a result the author comes to the conclusion that there are 6 stages in the larva development of Odagmia kiritshenkoi and Wilhelmia paraequina. A description of the individual stages is cited.

Card : 2/2

TERTERYAN, A.Ye.

Cases of abnormalities among black flies (Diptera, Simuliidae).
Ent. oboz. 40 no.1:107-108 '61. (MIRA 14:4)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR, Yerevan.
(Black flies) (Abnormalities (Animals))

TERTERYAN, A. Ye.

Materials on blackflies (Diptera, Simuliidae) of the Crimea. Izv. AN Arm. SSR. Biol. nauki 16 no.10:91-93 0'63 (MIRA 16:12)

1. Zoologicheskiy institut AN Armyanskoy SSR.

TERTERYAN, E.A.

Abrasion characteristics of sole leather on the grain and flesh side. Kozh.-obuv.prom. 4 no.3:21-23 Mr '62. (MIRA 15:5)
(Leather—Testing)

TERTERYAN, E.A.

Wear resistance of sole leather manufactured from pig skins.
Kozh.-obuv.prom. 2 no.6:21-23 Je '60. (MIRA 13:9)
(Leather)

TERTERYAN, R.A.; DINTSES, A.I.; RYSAKOV, M.V.

Block copolymerization of ethylene with vinylacetylene.
Zhur. VKHO 8 no.5:589-591 '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftepererabatyvayushchey promyshlennosti.

TERTERYAN, R.A.; BRAUDO, Ye.Ye.; DINTSES, A.I.

Free radical copolymerization of styrene. Usp.khim. 34 no.4:666-702 Ap '65. (MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gaza.

L 1428-66 EWT(m)/EPF(c)/EWP(j)/T RPL WW/RM

ACCESSION NR: AP5023366 UR/0020/65/164/001/0112/0114

AUTHOR: Kargin, V. A. (Academician); Konstantinopol'skaya, M. B.; Terteryan, R. A.; Berestneva, Z. Ya.

TITLE: Nature of crystalline elastic copolymers of ethylene

SOURCE: AN SSSR. Doklady, v. 164, no. 1, 1965, 112-114 and insert facing page 97

TOPIC TAGS: morphology, copolymer, crystalline polymer, elastomer, ethylene, vinyl acetate

ABSTRACT: A study has been made of the effect of morphological forms on the properties of crystalline elastic copolymers. The experiments were conducted with ethylene—vinyl acetate copolymers with various ratios of components. The dependence of the crystallinity and of mechanical properties of the copolymers on vinyl acetate group content was determined first. The results are given in Fig. 1 of the Enclosure. An electron microscopic study of the copolymers was conducted next. It was shown that in the range of the optimum mechanical properties (8—20 mol% vinyl acetate groups), the copolymers contain no higher morphological forms (spherulites) but only such elementary formations as fibrils and sheaves together with spherulite fragments. It is suggested that the optimum elastic properties are imparted to the

Card 1/3

L 1428-66

ACCESSION NR: AP5023366

3

copolymers by linear mobile structures (fibrils and sheaves) and that spherulite fragments produce a self-reinforcing effect on the system. Orig. art. has: 2 figures. [BO]

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physical Chemistry Institute)

SUBMITTED: 26Apr65	ENCL: 01	SUB CODE: OC,MT
NO REF SOV: 006	OTHER: 002	ATD PRESS: 4097

Card 2/3

L 1428-66
ACCESSION NR: AP5023366

ENCLOSURE: 01

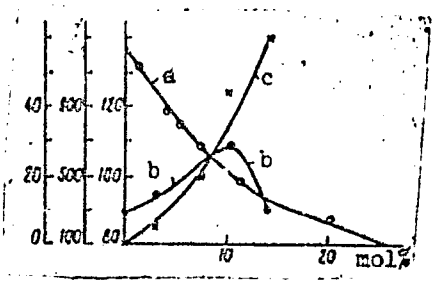


Fig. 1. Dependence of the crystallinity (a), tensile strength (b), and elongation of the copolymers of ethylene and vinyl acetate on the content in vinyl acetate groups

Card 3/3

L 35345-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6012718 (A) SOURCE CODE: UR/0190/66/008/004/0722/0726

AUTHOR: Terteryan, R. A.; Bogomolova, N. F.; Volovich, A. A.; Golosov, A. P.; Kondrat'yev, Yu. N.; Monastyrskiy, V. N.

ORG: Scientific-Research Institute for Petroleum Processing (Nauchno-issledovatel'skiy institut po pererabotke nefti)

TITLE: Certain problems of ethylene polymerization in the presence of various initiators

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 4, 1966, 722-726

TOPIC TAGS: ethylene, peroxide, polymerization initiator, thermal decomposition

ABSTRACT: A study has been made of radical polymerization of ethylene under continuous processing at pressures of 1000 to 1500 atm and at temperatures of 175 to 275 C in the presence of initiators tertbutylperbenzoate, dicumyl peroxide, tertbutyl peroxide, and tetramethyltetrazene cumene hydroperoxide. For all initiators, except cumene hydroperoxide, the curve of polyethylene yield versus temperature reaches maximum at 5000—6000 gram per liter per hour (pressure 1300 atm). Comparison of the experimenatl data with the theoretical curves of the decomposition of initiators at high pressures and temperatures indicated that the optimum polymerization temperature approximately corresponds to the complete decomposition of the initiator. The varia-

Card 1/2 UDC: 66.095.26 678.742

L 35345-66
ACC NR: AP6012718

tion of the pressure in the interval 1000 to 1500 atm has practically no effect on the optimum temperature. When cumene hydroperoxide is used as the initiator, the reaction takes place at a high rate, at a temperature at which the thermal decomposition of the initiator is negligible. The cumene hydroperoxide decomposition is assumed to be accelerated by the induced chain development caused by the reaction of cumene hydroperoxide and ethylene. Orig. art. has: 2 figures and 2 formulas. [NT]

SUB CODE: 11, 07/ SUBM DATE: 29Apr65/ ORIG REF: 001/ OTH REF: 014

Card 2/2

TERTERYAN, R. S., Cand Med Sci -- (diss) "~~Concerning~~ On the problem of the cause of death from asphyxiation ~~during~~ in crushing of the thorax." Mos, 1957. 15 pp. (Min Health USSR, Central Inst for ~~the Improvement~~ to Advanced Training of Physicians), 200 copies. (KL, 9-58, 123)

TERTERYAN, S. A.

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor and Jet Fuels. Lubricants. I-8

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2607

Author : Terteryan, S.A.
Inst :
Title : Graphic Method of Determining the Molecular Weight of Aromatic Hydrocarbons.

Orig Pub : Khimiya i tekhnol. topliva i masel, 1957, No 5, 4-7

Abstract : Graphs are shown which make it possible to determine the molecular weight of aromatic hydrocarbons (AH), if the molecular weights of the paraffin-naphthenic portion (PNP) of the fraction containing the AH are known, and also the specific gravity of PNP and AH. Verification of the graphic method, in the case of AH isolated from narrow fractions of different petroleum, that distill over up to 360°, has shown that deviations in the molecular weight

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor and Jet Fuels. Lubricants. I-8

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2607

values amount ot 0.7-10.3%, and the errors in average number of rings per molecule, caused by these deriations, do not exceed 0.05 and, essentially, amount to 0.01-0.03.

Card 2/2

AGAYEVA, S.M.; YERMOKHIN, V.V.; ISMAYLOV, A.G.; KUDINOV, A.V. [deceased]; KUPRIYANOVA, L.A.; MADIROVA, M.M.; TERTERYAN, A.B. [deceased]; TERTERYAN, S.A.

Azerbaijan crude oils as feed stock for the manufacture of Diesel fuels. Sbor.trud.AzNII NP no.2:34-43 Ag '58. (MIRA 12:6)
(Azerbaijan--Petroleum)
(Diesel fuels)

Terteryan, S.H.

SOV/81-59-10-36392

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 10, p 438 (USSR)

AUTHORS: Agayeva, S.M., Yermakhin, V.V., Ismayilov, A.O., Kulinov, A.V., Kupriyanova, L.A., Mallfova, M.M., Terteryan, A.B., Terteryan, S.A.

TITLE: The Petroleum of Azerbaydzhan as Raw Material Source for the Production of Diesel Fuels

PERIODICAL: Sb. tr. Azerb. n.-i. in-t neftepererabat. prom-sti, 1958, Nr 2, pp 31-43 (Azerbaydzhanian summary)

ABSTRACT: The results of an investigation are cited which had the aim of obtaining high-quality diesel fuel for high-speed diesel engines from Azerbaydzhan petroleums. Petroleum samples of 24 layers were subjected to laboratory fractionation followed by selecting the 100°C fractions within the temperature range of 130 - 400°C. The obtained fractions were then subjected to physical-chemical analysis for determination of indices characterizing the operational properties of the fuels: cetane number, fraction composition, viscosity, turbidity and pour points, etc. Based on the investigation the classification of the principal types of Baku petroleum has been carried out with regard to obtaining diesel fuels from them. The resources

Card 1/2

and the qualities of these fuels have been determined and a State Standard GOST for high-speed diesel fuels has also been developed.

V. Kel'tsev

L 23007-66 EWT(m)/T DJ/WE (A)
ACC NR: AP6007670 SOURCE CODE: UR/0413/66/000/003/0043/0043

AUTHOR: Terteryan, A. B.; Ivanyukov, D. V.; Agayeva Aga-Kyzy, S. M.; Grachev, D. S.; Yermokhin, V. V.; Ismailov, A. G.; Kupriyanova, L. A.; Nadirova, M. N.; Terteryan, S. A.

24
B

ORG: none

TITLE: Deparaffination of distillate petroleum products. Class 23, No. 178436

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 43

TOPIC TAGS: deparaffination, petroleum product, petroleum refining

ABSTRACT: An Author Certificate has been issued for a method describing the dewaxing of petroleum products using carbamides. The carbamide is introduced in the form of a solution in isopropyl alcohol during the process for separating normal paraffin hydrocarbons. The latter is carried out without the use of filters. [LD]

SUB CODE: 11/ SUBM DATE: 11Jul57

2

UDC: 665.545.3:547.495.2

Card 1/1 pla

TER-TE.'YAN, S. S.

Normirovanie, uchet i opliata truda v stroitel'nom proizvodstve [Standardization of labor time and wages in the construction industry]. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 88 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 9 December 1953

TER-TER'IAN, S. S.

Standardization, accounting, and wages in the building industry Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1953. 97 p. (Biblioteka stroitelia po voprosam ekonomiki i planirovaniia) (54-20641)

HD9715.R92T4

Tertenyan, Ye. Ye.

STEPANYAN, G.G.; TERTENYAN, Ye.Ye.

Periodicity in the gastric activity of pigs. Izv. AN Arm. SSR Biol. i sel'khoz. nauki 10 no.1:3-13 Ja '57. (MLRA 10:4)

1. Kafedra fiziologii Yerevanskogo zooveterinarnogo instituta.
(STOMACH--SECRETION) (SWINE)

POHL, V.; TERSTIANSKA, G.; SCHNIERER, M.; KIRNAK, J.

Indication for colostomy in newborns and infants. Cesk. pediat. 19 no.8:700-704 Ag '64.

1. Klinika chirurgie detskeho veku Lekarskej fakulty University Komenskeho v Bratislave, (prednosta prof. dr. M. Kratochvil, DrSc.).

TERTICHNIK, Ye.I.

Using the method of a sectional column in investigating moisture characteristics of building materials. Inzh.-fiz. zhur. 8 no.2: 247-250 F '65. (MIRA 18:5)

1. Inzhenerno-stroitel'nyy institut imeni Kuybysheva, Moskva.

SOV/110-59-3-9/25

AUTHORS: Gulyakin, V.G., Candidate of Technical Sciences
Tertichnikov, V.N., Engineer

TITLE: A Method of Calculating Transient Processes in Cross-Field Amplidynes (Metod rascheta perekhodnykh protsessov v elektromashinnom usilitele s poperechnym polem)

PERIODICAL: Vestnik Elektropromyshlennosti, 1959, Nr 3, pp 36-39(USSR)

ABSTRACT: Transient voltage changes on the armature of an amplidyne with cross-field excitation depend on both direct and quadrature axis armature reactions as well as on the influence of the reaction of the commutating section and other factors. Direct axis armature reaction can be fully compensated by appropriate design of the compensating windings. Usually no provision is made to compensate armature reaction of the shorted circuit or of the commutating section which must accordingly be taken into account when making calculations of transient processes in cross-field amplidynes. Accurate calculations are very difficult and a brief analysis is given of the approximate methods that have been suggested by different authors. The existing methods that give

Card 1/3

A Method of Calculating Transient Processes in Cross-Field Amplidynes

sufficient accuracy are still complicated and so this article is devoted to derivation of a simpler approximate method. The method is based on consideration of the relationship between armature reaction and commutating sections and quadrature axis current. A linear relationship is assumed between the armature reaction ampere turns and the quadrature axis current. The graphical method of calculation proposed is then described in detail. It is often necessary to allow for the inertia of the amplidyne control windings and for the influence of external feed back and the necessary procedure is briefly outlined. The procedure can be employed when sub-magnetisation is used. Calculated and experimental transient curves for amplidyne type EMU-110-4a are given in Fig.3 and it will be seen that

A Method of Calculating Transient Processes in Cross-Field Amplidynes

agreement is good. The method can be applied to cross-field amplidynes whatever the method of connecting the field windings. There are 3 figures and 10 Soviet references.

SUBMITTED: 14th July 1958

GULYAKIN, V.G., kand.tekhn.nauk; TERTICHNIKOV, V.N., inzh.

Calculation of transients in cross-field rotating amplifiers.
Vest.elektroprom. 30 no.3:36-39 Mr '59. (MIRA 12:4)
(Transients (Electricity)) (Rotating amplifiers)