

21126

S/153/61/004/001/009/009
B110/B203

X

Character of liquid flow ...

the disk diameters: $D = 25 \dots 100$ mm; the boundary angles: $\alpha = 0.0 \dots 1.573$ radians, the radii of curvature of the edges: $R_3 = 0.0 \dots 8$ mm. The flow-around lengths h_f were measured on the photographs, and then converted to the real h values. The test results show that the quantity h decreases with increasing angular velocity ω , disk diameter D , viscosity ν , and surface tension σ . h also drops with decreasing liquid supply Q , radius of curvature R_3 , boundary angle α , and specific gravity γ . For

$\sigma\omega/\gamma\nu = 124.0 \dots 639.5$; $Q/D\nu = 87.84 \dots 741.4$; $\sigma/\gamma D^2 = 84.84 \dots 2854.1$; $(1 + R_3/D) = 1.0 \dots 1.16$ and $(1 + \alpha) = 1.0 \dots 4.14$, the experimental h values can be sufficiently described by the following equations:

$$h/D = 0.0175 \cdot (Q/D\nu)^{1.56} \cdot (\sigma\omega/\gamma\nu)^{-1.28} \cdot (\sigma/\gamma D^2)^{0.85} \cdot (1 + R_3/D)^{0.30} \cdot (1 + \alpha)^{0.40}$$

h can be calculated by this formula if $Q, \omega, D, R_3, \alpha, \sigma, \nu, \gamma$ are given.

There are 3 figures and 7 references: 6 Soviet-bloc and 1 non-Soviet-bloc.

Card 2/5

Character of liquid flow ...

S/153/61/004/001/009/009
B110/B203

ASSOCIATION: Kazanskiy khimiko-tehnologicheskii institut im. S.M.
Kirova Kafedra mekhanicheskogo oborudovaniya khim. zavodov
(Kazan' Institute of Chemical Technology imeni S.M. Kirov,
Department of Mechanical Equipment of Chemical Plants)

SUBMITTED: January 19, 1959

Card 3/5

21126

S/153/61/004/001/009/009
B110/B203

Character of liquid flow ...

1	Наименование жидкости		2 Кинематическая вязкость $\nu \cdot 10^7$, м ² /сек	3 Поверхностное натяжение $\sigma \cdot 10^4$, кг/м	4 Удельный вес γ , кг/м
	5 В о д а		12,37	75,3	999,5
6	Водноглицериновые смеси:	№ 1	21,51	71,9*	1000,0
		№ 2	14,71	72,9	1020,0
		№ 3	10,79	73,1	1010,0

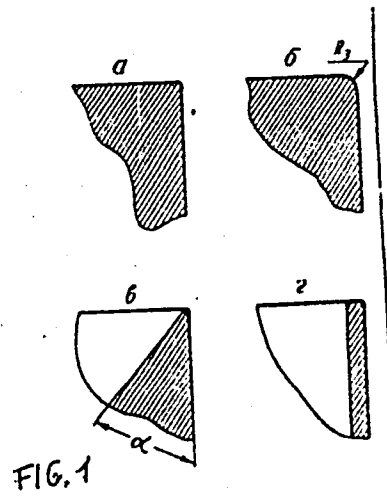
Legend to the table: Physical parameters of the liquids investigated.
(1) Designation of liquid, (2) kinematic viscosity, (3) surface
tension, (4) specific gravity, (5) water, (6) water - glycerin mix-
tures.

Card 4/5

S/153/61/004/001/009/009
B110/B203

Character of liquid flow ...

Legend to Fig. 1: Types of edges: (a) rectangular edge without curvature, (b) rectangular edge with curvature, (c) acute-angled edge, (2) edge of a cylindrical dish.



Card 5/5

s/184/63/000/001/004/005
A059/A126

AUTHORS: Zigmund, F. F., Candidate of Technical Sciences, Vachagin, K. D.,
Engineer

TITLE: Analysis of the properties of protective coatings based on
thermoplastics

PERIODICAL: Khimicheskoye mashinostroyeniye, no. 1, 1963, 34 - 36

TEXT: The properties of sprayed-on thermoplastic protective coatings were examined in the laboratory of the kafedra protsessov i apparatov (Department of Processes and Apparatus) of the Kazanskiy khimiko-tekhnologicheskii institut (Kazan' Institute of Chemical Technology). Polyethylene, polystyrene, graphite, carbon black, talc, alloy AB-70 (AB-70) (Shigurovo bitumen mixed with Sadkino asphaltite), and aluminum powder were used as the coating materials. The spraying device was much more efficient and simple than that designed by the VNIIAvtogen, and consisted of one bottle filled with oxygen, another filled with nitrogen, and a standard gas burner ГСН-53 (GSN-53) connected to the gas mains. Sieve fractions between 0.25 and 0.05 mm were used. Optimum crushing

Card 1/2

S/184/63/000/001/004/005
A059/A126

Analysis of the properties of...

properties at -3°C were found with an AB-70 alloy consisting of 70% of bitumen and 30% of asphaltite. Polystyrene was ground in the laboratory mill JIB-2 (IB-2). The coatings were applied to steel plates (50 x 50 x 2 mm), treated with a grinding wheel, and degreased with acetone at 250 to 300°C. The adhesiveness of almost all the coats was found to be satisfactory. When 15% of polyethylene was added to the alloy AB-70, the adhesiveness of the resulting coating was substantially increased. The introduction of various components into powdered polyethylene results in a decrease in hardness, in particular with asbestos-containing coatings. The chemical resistance of the coatings in all media except concentrated sulfuric and hydrochloric acids is quite satisfactory. There are 2 figures and 2 tables.

Card 2/2

ACC NR: AR6034728 (N) SOURCE CODE: UR/0124/66/000/008/B124/B125

AUTHOR: Garifullin, F. A.; Vachagin, K. D.; Maminov, O. V.

TITLE: Flow of a non-Newtonian fluid in a centrifugal force field

SOURCE: Ref. zh. Mekhanika, Abs. 8B872

REF SOURCE: Sb. Materialy 2-y Konferentsii molodykh nauchn. rabotn. Kazani. Sekts. fiz. -tekh. i mekhan. -matem. Kazan', 1965, 120-125

TOPIC TAGS: non Newtonian fluid, centrifugal force, non Newtonian flow, centrifugal force field, motion equation, biharmonic equation, liquid retardation velocity

ABSTRACT: A study was made of the flow of a non-Newtonian fluid (described by a rheological power equation) between two smooth cones rotating at the same angular velocity ω and acting as models for separator nozzles for purifying liquids. The cones are coaxial and their generatrices are parallel. It is assumed that the distance between the cones is small in comparison with the length of the generatrices, the flow is symmetrical relative to the axis rotation, the angular velocity

Card 1/2

UDC: 532:5:532.135

ACC NR: AR6034728

is so great that the effect of gravity may be ignored, and the relative acceleration is negligible. The motion of the fluid is analyzed within an orthogonal system of coordinates l, φ, x , whose axes are directed relative to the generatrix of the cone, along the tangent to the circumference in the cross-section of the cone, and perpendicular to the generatrix. The system of equations of motion is written for relative motion, and includes consideration of the effect of centrifugal and Coriolis forces. After a number of simplifying assumptions, a consideration of the intensity in velocity shift averaged for thickness, and a linearization of a system of equations, the problem is finally reduced to a solution of a biharmonic equation. The radial and tangential components of velocity are determined and the average velocity of liquid retardation and average radial velocity and pressure drop are computed. S. A. Bostandzhiyan. [Translation of abstract] [SP]

SUB CODE: 12/

Card 2/2

TYABIN, N.V.; TSENTOVSKIY, Ye.M.; VACHAGIN, K.D.

Flow of a non-Newtonian liquid in a short plane channel.
Izv.vys.ucheb.zav.; khim.i khim.tekn. 8 no.4:580-684 '65.
(MIRA 18:11)

1. Volgogradskiy politekhnicheskiy institut i Kazanskiy
khimiko-tekhnologicheskiy institut imeni Kirova.

ACC NR: AR6034728 (N) SOURCE CODE: UR/0124/66/000/008/B124/B125

AUTHOR: Garifullin, F. A. ; Vachagin, K. D. ; Maminov, O. V.

TITLE: Flow of a non-Newtonian fluid in a centrifugal force field

SOURCE: Ref. zh. Mekhanika, Abs. 8B872

REF SOURCE: Sb. Materialy 2-y Konferentsii molodykh nauchn. rabotn. Kazani. Sekts. fiz. -tekhn. i mekhan. -matem. Kazan', 1965, 120-125

TOPIC TAGS: non Newtonian fluid, centrifugal force, non Newtonian flow, centrifugal force field, motion equation, biharmonic equation, liquid retardation velocity

ABSTRACT: A study was made of the flow of a non-Newtonian fluid (described by a rheological power equation) between two smooth cones rotating at the same angular velocity ω and acting as models for separator nozzles for purifying liquids. The cones are coaxial and their generatrices are parallel. It is assumed that the distance between the cones is small in comparison with the length of the generatrices, the flow is symmetrical relative to the axis rotation, the angular velocity

Card 1/2

UDC: 532:5:532.135

ACC NR: AR6034728

is so great that the effect of gravity may be ignored, and the relative acceleration is negligible. The motion of the fluid is analyzed within an orthogonal system of coordinates l, φ, x , whose axes are directed relative to the generatrix of the cone, along the tangent to the circumference in the cross-section of the cone, and perpendicular to the generatrix. The system of equations of motion is written for relative motion, and includes consideration of the effect of centrifugal and Coriolis forces. After a number of simplifying assumptions, a consideration of the intensity in velocity shift averaged for thickness, and a linearization of a system of equations, the problem is finally reduced to a solution of a biharmonic equation. The radial and tangential components of velocity are determined and the average velocity of liquid retardation and average radial velocity and pressure drop are computed. S. A. Bostandzhiyan. [Translation of abstract] [SP]

SUB CODE: 12/

Card 2/2

VACHAL, Jan, inz. CSc.

Eleventh International Congress of Genetics. Vest ust zemedel
ll no. 5:191-193 '64.

1. Central Research Institute of Animal Production, Uhrineves.

FLORIAN, M.; VACHAL, K.

Damage to the ulnar nerve by a freely movable body in the
sulcus nervi ulnaris. Acta chir orthop traum cech 30 no. 1:
54-57 F '63.

1. Ortopedicke oddeleni CUNZ v Trebici, vedouci MUDr. M.
Florian.

(ULNAR NERVE)

VACHALA, V.

Provanik, H.; Fricha, D. Equipment for multiple telemetering at great distances. p. 170.
SLABOPRODY OZVEK, Praha, Vol. 16, no. 4, Apr. 1959.

SO: Monthly List of East European Accessions, (1954), LC, Vol. 4, no. 10, Oct. 1955,
Encl.

VACHALA, Vladimir, inz.

Stabilized bridge oscillators with transistors. Slaboproudy
obzor 24 no.5:264-268 My '63.

1. Vyzkumny ustav telekomunikaci, Praha.

VACHASOV, Y. P.

8/18/78/000/04/020/020
8031/213

AUTHOR: Zolotukhin, V.K.
TITLE: The Scientific-Technical Conference at Khar'kov Aviation Institute
PERIODICAL: *Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika*, 1959, Nr 4, pp 161-165 (USSR)
ABSTRACT: In May 1959, the 16th Conference of Professors and Teaching Staff took place. Strength of Aircraft Section.

Card 5/11

Structures" by Candidate of Technical Sciences V.K. Zolotukhin. The Influence of the Stator Inlet on the Flow of Gas in the Frame of an Opening" by Candidate of Technical Sciences L.A. Kolesnikov. The Influence of the Rigidity of Ribs and Beams on their Bending" by Assistant N.A. Shelomov. The Calculation of the Bending of Rectangular Plates by the Discrete Method" by Assistant G.P. Pavlov. The Calculation of Cylindrical Shells" by the Method of Discrete Variables" by Aspirant N.K. Gur'yev. Engine Construction Technology Section. The Choice of a Scheme for a Hydraulic Servo-System for the Automation of Welding Processes" by Assistant L.I. Ermakova. The Investigation of the Process of the Investigation of Technical Sciences V.N. Veresuki. Candidate of Technical Sciences V.I. Baitayev. Hydraulic Plant" by Assistant V.I. Baitayev.

Card 6/11

"A Static Analysis and Calculation of the Accuracy of the Technological Processes of Machining" by O.M. Parkhomenko. "The Automatic Welding of Long Panels" by Candidate of Technical Sciences L.F. Koshkov. "Prospects in the Use of Specialized Computers for the Determination of the Optimum Geometry of Cutting Tools" by Docent, Candidate of Technical Sciences V.P. Kosharnovskiy. "The Spreading of the Experience of Innovators and the Classification of Organizational-Technical Measures in Machine Construction" by Senior Instructor M.P. Shumakov. "The Investigation of the Process of Compression at High Velocities of Deformation" by Docent, Candidate of Technical Sciences A.K. Bayev. "The Standardization of Vibration Effects on the Human Organism in Aircraft Production" by Senior Instructor V.D. Ivanov.

Card 7/11

Theory and Construction of Aircraft Engines and Propeller-Driven Machines Section. "The Investigation of the Flow Between the Inlet and Outlet Valves of a Turbine" by Instructor, Candidate of Technical Sciences V.N. Yershov. "The Variation in the Stage Parameters of an Axial Compressor in Accordance with the Size of the Radial Clearance" by Assistant A.N. Kravtsov. "On the Problem of Non-Stationary Heat Transfer" by Assistant S.D. Frolov. "The Influence of an Electric Field on the Calculation of the Flow of Gas Through a Compressor of the Propeller-Driven Machines Section. "The Investigation of the Flow of Gas Through a Body" by Assistant V.I. Kholavko. "The Control of the Boundary Layer of a Wing by Porification of the Leading Edge" by Assistant I.P. Vachanov. "The Gas-Hydraulic Analogy and its Application" by Senior Instructor D.A. Mchmentukov. "The Aerodynamic Investigation of Wing Profiles of Small Reynolds Numbers" by Engineer Yu.L. Galik.

KOLBEN, J., inz.; VACHATA, F., inz.

Effect of critical revolutions upon the bending stress of high-speed rotors. Strojirenstvi 12 no.7:483-488 JI '62.

1. Zavody Jana Svermy, Praha-Jinonice.

BOGOMOLOV, B.A., red.; BARANOV, A.M., red.; MURONETS, I.I., red.;
GUSEV, N.P., red.; PANKIN, A.V., red.; YACHAYEVA, Z.P.,
red.-leksikograf; VILENSKAYA, O.V., red.-leksigogr.;
ARTEMOV, L.V., red.-leksikogr.; YEREMINA, N.N., mlad. red.;
VANSOVSKAYA, L.Ye., mlad. red.; CHEKRYZHOV, P.F., spets.red.;
PLAKSHE, L.Yu., tekhn. red.

[German-Russian polytechnical dictionary] Nemetsko-russkii
politeknicheskii slovar'. Podgotovleno pri redaktsionnom
uchastii izdatel'stva "Tekhnika" GDR. Moskva, Glavnaia red.
inostranrykh nauchno-tekhn. slovarei Fizmatgiza, 1963. 812 p.
(MIRA 17:1)

TOGUNOV, Boris Mikhaylovich; STEFANOVSKIY, Vladimir Mikhaylovich;
RUSAKOVA, N.G., spets. red.; ROZENBERG, M.B., spets. red.
VACHAYEVA, Z.P., red.-leksikograf

[German-Russian dictionary of refrigeration engineering]
Nemetsko-russkii slovar' po kholodil'noi tekhnike. Mo-
skva, Sovetskaia Entsiklopediia, 1965. 246 p.
(MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholo-
dil'noy promyshlennosti (for Rusakova, Rozenberg).

SINYAGIN, Irakliy Ivanovich, akademik; PASKHIN, N.F.; NIKONOVA, Ye.A., dots.; POZHARSKIY, V.K.; OGRYZKOV, S.Ye., kand. veter. nauk; LOZHKIN, N.I., kand. biol. nauk; MURONETS, I.I., red.; VILENSKAYA, O.V., red.-leksikograf; ARTEMOV, L.V., red.-leksikograf; VACHAYEVA, Z.P., red.-leksikograf

[German-Russian agricultural dictionary] Nemetsko-russkii sel'skokhoziaistvennyi slovar'. Moskva, Sovetskaia Entsiklopediia, 1965. 684 p. (MIRA 18:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Sinyagin).

HUNGARY/Chemical Technology. Chemical Products and Their
Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Libs Jour: Ref Zhur-Khim., No 8, 1959, 28199.

Author : Vachek, J.

Inst :

Title : Faster Drying in Tunnel Driers.

Orig Pub: Epitoeanyag, 10, No 6, 218-219 (1958) (in Hungarian
with a Russian Summary)

Abstract: One-day drying of ceramic ware has been achieved in
tunnel driers of the countercurrent type, using
steam from the heating net [heating steam] and the
heat released in the cooling section of the kiln.
The temperature of the air entering the dryer is

Card : 1/2

172

HUNGARY/Chemical Technology. Chemical Products and Their
Applications. Ceramics. Glass. Binding Materials.
Concrete.

II

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28199.

about 75° and that of the air leaving the dryer, about
35°. The quality of the ware is good. -- From a sum-
mary by the author.

Card : 2/2

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Ceramics, Glass,
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51026

Author : Vachek, Jaroslav

Inst : -

Title : Decrease of Drying Time in Tunnel Dryers.

Orig Pub : Stavba, 1958, 5, No 1, 17-18

Abstract : Construction of countercurrent tunnel
dryers (TD) of the "Kerazont" type is
described. The dryers were used for dry-
ing of hollow bricks 290 x 140 x 65 mm
in the plant of "Drenovska Nova Vies"
(Czechoslovakia). TD contained 10 channels
1720 x 2700 mm, 78 m long each. Each chan-

Card : 1/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Ceramics, Glass,
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51.026

nel. is capable of containing 48 wagons,
each accomodating seven shelves. TD is
heated by warm air from baking ovens and
by steam radiators. Inlet air temperature
is 80-90°, while outlet temperature is
30-35°. The air's relative humidity is
95 percent. TD's special feature are two
fans, one compressing, the other exhausting
the air. The first fan brings the air under
the wheels of the wagon upon its exit from
TD, the second exhausts humidified air
from under the wheels of the wagon upon
its entering the TD. Thanks to this arran-

Card : 2/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Ceramics, Glass,
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 15, 1950, 51026

gement, drying of the products is accomplished uniformly along the height of the wagon. The water content of the bricks is 25 percent initially and is reduced in the dryer to 2-3 percent. Given are drying curves, along the channel's length. In the initial third of the channel's length the bricks are only heated, in the central portion drying starts, while intensive water elimination occurs in the last third of the channel's length. The capacity of the dryer is 120,000 bricks in 24 hours. The time of drying is 24 hours. -- S. Glebov

Card : 3/3

VACHEK, Jaroslav

A conference on teaching electricity and magnetism. Pokroky mat fyz
astr 7 no.2:112-113 '62.

COUNTRY : Czechoslovakia H-17
CATEGORY :
ABS. JOUR. : RZKhim., No. 16 1959, No. 58106
AUTHOR : Budesinsky, B. and Vachek, J.
INST. : Not given
TITLE : The Determination of Nicotinaldehydethiosemi-
carbazine
ORIG. PUB. : Ceskoslov Farmac, 7, No 5, 241-245 (1958)
ABSTRACT : The authors have developed a precise potentiometric method for the titration of the hydrochloride of I (I = the thiosemicarbazide of nicotinaldehyde) (10-50 mg) in 5 M NaOH (25 ml) with 0.1 N iodine solution. Bromatometric, mercurimetric, and selective iodometric and polarographic methods have also been developed. The two last-named methods are used in the determination of I in mixtures with isonicotinic acid hydrazone. Results from the determinations are given.
A. Vavilova

CARD: 1/1

VACHEK, J.

Spectrophotometric determination of hydrochlorothiazide. Cesk. farm.
10 no.10:515-517 D '61.

1. Vyzkumny ustav pro farmaci a biochemii, Praha.

(CHLOROTHIAZIDE rel cpds) (SPECTROPHOTOMETRY)

SVATEK, E.; VACHEK, J.

Spectrophotometric analysis of 3-amino-5-pyrazolone in the presence of cyanacetic acid hydrazide. Cesk. farm. 11 no.2:69-73 1962.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.
(HYDRAZINES chem) (AZOLES chem)

HAIŠ, I.M.; LEDVINOVA, Z.; VACHEK, J.; TRČKA, V.; KONICKOVÁ, L.

Studies on anticoagulants. XXVI. The level of 2-(3-chromonyl)-
2-(4-hydroxy-3-coumarinyl)-diethylsulfide in animals. Cesk. farm.
11 no.3:113-118 Mr '62.

1. Vyzkumny ustav pro farmacie a biochemii, Praha.
(SULFIDES metab) (COUMARINS metab)

SIBLIKOVA, O.; VACHEK, J.; GERNA, M.; TESAREK, B.; VITULOVA, V.

Contribution to the metabolism of ketophenylbutazone. I. *Cesk. farm. ll no.3:118-123 Mr '62.*

1. Vyzkumny ustav pro farmacii a biochemii, Praha Vyzkumny ustav chorob revmaticckych, Praha.
(PHENYL BUTAZONE rel cpds)

CZECHOSLOVAKIA

J. VACHK, *Pharmaceutical and Biochemical Laboratory, Institute of Chemistry, Czechoslovak Academy of Sciences, Prague.*

"Spectrophotometric and Polarographic Determination of Thiocyanate"

Prague, *Czechoslovakian Language*, Vol. 11, No. 9, Sept 1962, p. 464-466.

Abstract [English summary modified]: The analytical method for thiocyanate as an oxime compound used to counteract organic phosphorus poisoning; conversion into a blue polymethine derivative with absorption maximum at 640 mμ and spectrophotometric determination thereof, and polarographic measurement of the diffuse wave corresponding to the reduced oxime groups in McIlvaine buffer. Structure, 4 polarograms, 11 references.

1/1

CZECHOSLOVAKIA

J. VACHEK, *Pharmacy and Biochemistry*, 1961, *Průmysl (Vysoké učení technické pro farmaci a biokemii)*, Prague.

"Polarographic Determination of Chloridopyridoxine Methiodide (60117)"

Prague, *Czechoslovenska Farmacie*, Vol. 11, No. 2, pp. 180-181, 1961.

Abstract [English summary modified]: Method based on quantitative detection of the diffuse wave height, the wave belonging to amine arising from reduction of the oxine group. In Malonic buffer, accuracy $\pm 2\%$. Structure, 4 polarograms, 2 graphs and 3 text references.

1/1

CZECHOSLOVAKIA

J. KONECNY, J. FOHORSKY and J. VACHEK, Pharmacy and Biochemistry Research Institute (Vyzkumny ustav pro farmacii a biochemii,) Prague.

"Drug Stability. Part 1. Stability of Drug Solutions from the Standpoint of Reaction Kinetics."

Praque, Ceskoslovenska Farmacie, Vol 12, No 4, May 63; pp 204-209.

Abstract : Essentially mathematical, didactic essay reviewing principles of study of stability and decomposition constants of solutes: kinetics, reactions of first, second and higher orders; parameters involved, factors and methods of determining influence of such. Eight graphs, many mathematical formulae; 5 Western and 1 Czech reference.

1/1

SVATEK, E.; VACHEK, J.

Polarographic determination of a dimer of cycloserine. Ceak.
farm. 12 no. 10:509-511 D'63.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

*

POHORSKY, J.; VACHEK, J.; KONECNY, J.

Stability of drugs. II. Simultaneous reactions. Cesk. farm.
12 no.10:532-536 D'63.

1. Vyskumny ustav farmacie i biochemie, Praha.

*

VACHEK, J.; POHORSKY, J.; KONECNY, J.

Stability of drugs. III. Homogenous catalysis in drug solutions. Cesk. farm. 13 no.1:14-23 Ja'64.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

*

VACHEK, J.

Identification and quantitative determination of calciferol
(vitamin D2) and cholecalciferol (vitamin D3). Cesk. farm.
13 no.8:396-399 0 '64.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

VACHEK, J.; SVATEK, E.

Spectrophotometric determination of 2-benzyl-4,5-imidazole
HCl (Divascol). Cesk. farm. 13 no.9:463-466 N '64

1. Vyzkumny ustav p o farmacii a biochemii, Praha.

VACHEK, J.

Some applications of ultraviolet absorption spectrophotometry
in biochemistry. *Cesk. farm.* 14 no.1:32-35 Ja '65

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

1964, J.

Chromatographic determination of 6-(4-carboxybutyl)-thiopurine
(Cytogran SPOFA). Cesk. farm. 14 no.5:216-218 Je '65.

1. Vyzkumny ustav pro farmacii a biochemii, Praha. Submitted
December 21, 1964.

CZECHOSLOVAKIA

VACHEK, J.; ECKSCHLAGER, K.; NEKVASILOVA, M.; Pharmaceutical and Bio-chemical Research Institute (Vyzkumny Ustav pro Farmacii a Biochemii), Prague, United Pharmaceutical Works (SPOFA), Drugs (Leciva), 04, Prague.

"An Indirect Polarographic Determination of Heparin."

Prague, Ceskoslovenska Farmacie, Vol 15, No 5, Jun 66, pp 260-261

Abstract [Authors' English summary modified]: An indirect method of preliminary polarographic determination of heparin is described. It is based on the decrease of the cathodic wave of a methylene blue solution in a phosphate buffer at pH of 6.24, after standing one day at normal temperature. 2 Figures, 3 Western, 2 Czech references. (Manuscript received 10 Sep 65).

CZECHOSLOVAKIA

VACHEK, J.: Research Institute of Pharmacy and Biochemistry (Vyz-
kumny Ústav pro Farmacii a Biochemii), Prague.

"Spectrophotometric Determination of Alpha-Carbethoxypentadecyl-
Trimethylammonium Bromide (Septonex Spofa) in Ophthalmic Ointment."

Prague, Ceskoslovenska Farmacie, Vol 15, No 9, Nov 66, pp 506-507

Abstract /Author's English summary modified_7: The determination
is based on the formation of a salt of the active substance with
sulfuric acid in a phosphate buffer at pH 5.3. The absorption of a
chloroform extract of this salt is measured at 365 nm. The anal-
ysis takes 25 min, the accuracy is 2-3%. 1 Table, 5 Western, 1
Czech reference. (Manuscript received 12 Apr 66).

1/1

CZECHOSLOVAKIA

VACEK, J.; Research Institute of Pharmacy and Biochemistry (Vyzkumny Ustav pro Farmacii a Biochemii), Prague.

"Spectrophotometric Determination of Apparent Dissociation Constants of Ketazone, Benzopyrazone, and Trimethazone."

Prague, Ceskoslovenska Farmacie, Vol 16, No 1, Jan 67, pp 39-40

Abstract [Author's English summary modified]: The 3 compounds are potent analgesics and antirheumatics; their dissociation constants were determined and compared to that of phenylbutazone. 3 figures, 2 Western references. (Manuscript received 23 Apr 66).

1/1

RESEARCH, DC

18
17
257

1. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
2. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
3. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
4. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
5. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
6. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
7. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
8. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
9. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.
10. "The Biological Basis of the Treatment of Psychotics," Science 127:107 (1957); pp 107-111.

BULGARIA

Dr. Diagoi VACHEV [Affiliation not given]

"Epidemic of Stomach Ulcers in Suckling Piglets."

Sofia, Veterinarna Sbirka, Vol 59, No 11, 1962; pp 17-18.

Abstract: Description of obscure disease. Main finding in 9 necropsied piglets was gastric ulceration. There were multiple intestinal lesions as well as pathologic changes in liver, kidneys and heart also but the gastric changes were the most surprising finding. Speculative discussion about the possible cause; whether infectious or dietary or what. Footnote by journal editor requests comments and reports by readers.

1/1

GENEV, Khristo, d-r; ZHEKOV, St.; VACHEV, Bl.; DENEV, Dr.; IORDANOV, R.

Infectious pneumonias in pigs in Bulgaria. Izv Vet inst
zaraz parazit 7 5-20 '63.

1. Member of the Board of Editors, "Izvestia na Veter-
arniia institut za zarazni i parazitni bolesti" (for
Genev).

VACHEV, Bl.; MARCHENKO, P.

Yuzhno-pryazovskiy i drugie sypulomatoz v cattle. Izv. Vet
Inst. Mosk. per. 1963-68. 903

VACHEV, D.

Hotbed cases made of autoclave slag cement. p. 18.

STROITELSTVO. (Ministerstvo na stroezhite) Sofia, Bulgaria. Vol. 6, no. 11, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960.
UNCL

STAMENOV, St., inzh.; VACHEV, D., inzh.; KHARIZANOVA, L., inzh.

Studies on the oil shales in Bulgaria as raw material for the obtainment of autoclave cellular concrete. Stroitelstvo 9 no.6:2-6
N-D '62.

STAMENOV, S.; YACHEV, D.; KHARIZANOVA, L.

Bituminous shale as a raw material for cellular concrete.
Stroi. mat. 10 no.2:39-40, p.3 of cover F '64.

(MIRA 17:6)

VACHEV, E.

Vachev, E. Destruction of outer walls and the method of rep. ins. p. 30.
TRANSPORTNO DELO. Sofiya. Vol. 7, no. 4, 1955.

SO: Monthly List of the List of the East European Accession (SOAD) L.
Vol. 4, no. 10, Oct. 1955. Uncl.

VACHEV, G.
CHILOV, K., prof. d-r, chl.-koresp. na BAN; STANCHEV, L., d-r, starchy
asistent pri Vutreshnata klinika na Meditsinskata akademija V. Cherven-
kov; YACHEV, G., d-r, otorinolaringolog pri studenstkata poliklinika v
Sofia; MINCHEVALAKOVA, P., d-r, lekar bakteriolog pri RIEM.

Tonsils in rheumatism. Izv. med. inst., Sofia Vol. 9-10:168-190 1954.

1. Institut za Klinichna i Obshchestvena Meditsina (Direktor Akad.
Tsv. Kristanov)

(TONSILS, in various diseases,
rheum.)

(RHEUMATISM, physiology,
tonsils)

VACHEV, G.; TOSHKOV, As.

Observations on mass tuberculin test. Suvrem.med., Sofia 6 no.10:99-100
1955.

1. Iz Studentskata poliklinika Sofia (gl.lekar: L.Doichinov) i
Nauchnoizsledovatelskia institut po epidemiologia i mikrobiologia,
Sofia (direktor: V.Kalaidzhiev).

(TUBERCULIN REACTION,
(Bul))

VACHEV, G.

Treatment of Plaut-Vincent's angina with 5 % chromic acid.
Suvrem. med., Sofia 7 no.1:76-78 1956.

1. Iz studentskata poliklinika--Sofia. (Gl. lekar: L. Doichinov).
(VINCENT'S INFECTION, therapy,
chromic acid. (Bul))
(CHROMATES, therapeutic use,
Vincent's infect. (Bul))

SHEIKOVA, G.; VACHEV, G.

Utilization of gramicidin dragee in throat inflammation and tonsillitis.
Khirurgia, Sofia 10 no.9:836-838 1957.

1. Nauchnoizsledovatel'ski institut po epidemiologija i mikrobiologija
Direktor: Vl. Kalaidzhiev.

(ANTIBIOTICS, therapeutic use,

gramicidin in throat inflamm. & tonsillitis, dragee (Bul))

(TONSILLITIS, therapy,

gramicidin dragee (Bul))

(THROAT, diseases,

inflamm., gramicidin dragee ther. (Bul))

VACHEV, G.

The tonsillar problem. *Suvrem.med., Sofia* no.9/10:26-30 '59.

1. Iz Studentskata poliklinika - Sofia. Gl. lekar: L. Doichinov.
(TONSILLITIS)

VACHEV. G.

Use of antibiotics in influenza in the prevention of complications.
Khirurgia, Sofia 12 no.10:903-905 '59.

1. Studentska poliklinika - Sofia. Gl.lekar: L. Doichinov.
(ANTIBIOTICS ther.)
(INFLUENZA ther.)

VACHEV, G.

Unusual finding of a calculus in the ductus submaxillaris sin.
(sialolithiasis). Khirurgia, Sofia 13 no.5:531-532 '60.

1. Iz Studentskata poliklinika, Sofiia,
(SUBMAXILLARY GLAND dis)
(CALCULI)

VACHEV, G.

Contribution to sulfonamide and antibiotic therapy of ear diseases. Khirurgiia 15 no.7:647-648 '62.

1. Studentska poliklinika - Sofia. Gl. lekar: L. Doichinov.
(SULFONAMIDES) (ANTIBIOTICS) (EAR)

VACHEV, Georgi

The Dimitur Blagov State Polygraphic Combine, front-ranker in
polygraphic rationalization. Ratsionalizatsiia 13 no.2:22
763.

VACHEV, N.

"The reduced property liability of the cooperator-producers; according to the new change in the model statute"

Otchetnost I Kontrol V Selskoto Stopanstvo. Sofia, Bulgaria. Vol. 3, no. 8, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

VACHNYSHVILI, A.Z.

Peculiarities in the use of turbotransmission in the AM-500 pump
unit. Azerb. neft. khoz. 37 no.1:40-43 Ja '58. (MIRA 11:6)
(Turbodrills)

ASHURLI, S.I.; IBRAGIMOV, E.S.; DEMIN, D.I.; VACHEYSHVILI, A.Z.

Results of testing a telescopic derrick with open front. Azerb. neft.
khoz. 37 no.9:43-45 S '58. (MIRA 11:12)
(Cranes, derricks, etc.)

Introduction to production
VACHEYSHVILI, S.Ya., Cand Tech Sci--(diss) "Incultation of ~~industrial~~
industrial ^{work} methods ~~work~~ in ~~the~~ repair bases of ~~the~~ machine-tractor park."
Tbilisi, 1958. 38 pp (Min of Agr USSR. Georgian Order of Labor Red Banner
Agr Inst), 100 copies (KL,30-58, 126)

VACHEYSHVILI, S.Ya.

In the Georgian Research Institute of Farm Mechanization and
Electrification. Mekh. i elek.sots.sel'khoz. 17 no.3:61-62
'59. (MIRA 12:8)

(Georgia--Agricultural research)
(Farm mechanization)
(Electricity in agriculture)

ANANIASHVILI, G.D.; BUIZKO, I.A.; BURGUCHEV, S.A.; VACHEYSHVILI, S.Ya.;
KURDIANI, I.S.; LISTOV, P.N.; METREVELI, B.I.; SAZOMOV, N.A.;
SARKISYAN, A.M.; SHKHVATSABAYA, G.Ya.; EBIN, L.Ye.

E.M.Rukhvadze. Mekh.i elek.sots.sel'khoz. 17 no.6:59 '59.
(MIRA 13:4)

(Rukhvadze, Egor Mikhailovich, 1914-1959)

VACHIBERIDZE, G.D.

Experience in adjusting and checking the performance of an arithmetic operational block. Trudy Inst. elek., avtom. i telem. AN '4:45-50 '63. (MIRA 17:5)

VACHIDOV, A.Z.

USSR/Human and Animal Morphology.- General Problems

2-1

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70220D

Author : Vachidov, A.Z.

Title : Topographic-Anatomical Interrelation of the Belt
Triangles with the Rib-Diaphragmal Sinuses in Connection
with the Approach to the Subdiaphragmal Spaces.

Orig Pub : Avtorec. diss. kand. med., M. Samarkandsk. med. in-t,
samarkand, 1955

Abstract : No abstract.

Card 1/1

- 43 -

VACHIN, A., CERNTOV, I., AGHINDINOV, E.

"Technical characteristics of West Ukrainian beech wood." Tr. from the Russian. p. 72. "Conditions affecting defibering in the making of mechanical wood paste." Tr. from the Russian. p. 79. "Offset map paper and its characteristics." Tr. from the Russian. p. 85. "Influence of air temperature and humidity on the humidity of paper and repercussions on its quality." Tr. from the Russian. p. 98. (ANALELE ROMANO-SOVIETICE. SERIA SILVICULTURA-INDUSTRIA LEMNULUI SI A CARTII, Vol. 7, seria a II-a, no. 14, July/aug. 1952. Bucuresti.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress August, 1953, Uncl.

GROZEV, D., inzh.; VACHKOV, G., Agr.

New makes of light irrigation implements. Khidrotekh i melior
6 no.10:317 '61.

VACHKOV, Georgi, agr.

Ways of realizing optimum irrigation norms. Khidrotekh i
melior 8 no.1:14-16 '63.

VACHKOV, Vladimir

Let us gather and distribute our labor force in an organized way.
Trud tseni 4 no.2:1-8 '62.

VACHKOV, V.

1. VACHKOV, V. (V. VACHKOV) - (Administrative) (Ministry of Agriculture - (Directorate in Bratislava)) (Publicly Presently, Vachkov and Pastors from Bratislava for Our Animals, p. 1-4).
2. Boris HIRSH (Prof): Effect of Competition of Pasture on Constitution of Animals Fed in Pasture, pp 5-6.
3. Dolar VACHKOV: On of Our Pastures (Pasture from Paris, N.Y.) in Bratislava, pp 9-10.
4. Dolar VACHKOV (Junior Scientific Associate, ONISS - (not identified)) and Dolekova LADISLAVA (Pastor - (not identified), District People's Council - (Common method kept in place): Efficient Use of Pasture Pastures, pp 11-14.
5. Boris HIRSH: Increase in Production in our Primary Pasture, pp 15-16.
6. Ivan HIRSH and Peter HIRSH: Causes of Non-Directional Gastro-Intestinal Disturbances in Pigs and Means of Preventing Their Occurrence, pp 80-84.
7. Dolar VACHKOV (Senior Research Associate, ONISS - (not identified), City of Bratislava): Effect of Pests Varying in Various A and European Communities on Milk, pp 15-20.
8. Ivan HIRSH: The Fishing Industry in the City of Smolyan, pp 87-89.
9. Vladimír ŽUBER (Senior Research Associate, ONISS - (not identified)) and Vachkov (Chief Department of Horse Breeding, Ministry of Agriculture): Purchased Horses in Our Horse-Breeding Establishments, pp 10-13.
10. Dolar VACHKOV (Chief of Veterinary Health Inspection in Bratislava) and Vachkov (Chief of Health Inspection in the Panchovskaya Village), pp 64-65.
11. Otyarbo HIRSH (Director ONISS - (not identified) - Kolimov-Gradi): (not identified) in Czechoslovakia, pp 17-20.

(continued)

VACHL, Vladimir

Polyester coating materials. Tech praca 15 no.10:
Supplement: Naterove hmoty a natery; insert '63.

1. Vyzkumny ustav naterovych hmot, Praha.

VACHNADZE, A.E.

Nature of visual images in schizophrenics. Trudy Inst. psikhol.
AN Gruz. SSR 13:191-215 '62. (MIRA 16:2)
(Schizophrenia) (Perception)

L 04922-67 EWT(1) GW

SOURCE CODE: UR/2546/66/000/153/0041/0046

ACC NR: AT6028445

22
1-11

AUTHOR: Vachnadze, D. I.

ORG: none

TITLE: Statistical method of forecasting monthly precipitation for the Transcaucasus

SOURCE: Moscow. Tsentral'nyy institut prognozov. Trudy, no. 153, 1966. Statisticheskiye metody dolgosrochnogo prognoza pogody (Statistical methods of long-range weather forecasting), 41-46

TOPIC TAGS: atmospheric precipitation, long range weather forecasting, statistic analysis

ABSTRACT: A brief climatic description of the characteristics of the distribution of precipitation is given and a statistical method is proposed for its forecast with zero length of time before the forecast phenomenon occurs. The sequence of operations when working out the forecast is as follows: 1) The amount of precipitation that fell during a preceding i-th month at a forecast point (R_i) and the air temperature anomaly at the station (ΔT_i) are found for 12 reference stations of the Transcaucasus; 2) the values of the zonal circulation index (I_i) and the planetary index of circulation for the preceding month (L_i) are calculated; 3) R_{i+1} , which is the expected quantity of precipitation for the month (in mm) at the forecast point, is calculated by the formula

$$R_{i+1} = aR_i + b \Delta T_i + cI_i + dL_i \quad (1)$$

Card 1/2

L 01922-67
ACC NR: AT6028445

with consideration of a, b, c, d which are coefficients of the empirical influence functions obtained by the least-square method. The obtained forecast quantities of precipitation are then corrected and charted. This method can be somewhat simplified if numerous factors influencing the formation and falling of precipitation are introduced into the calculation. Theoretically this method can be extended to forecasting precipitation for one month. Orig. art. has: 1 formula and 3 tables.

SUB CODE: 04/ SUBM DATE: none/ ORIG REF: 013

kh

Card 2/2

VACHNADZE, Dzh.I.

Statistical method of making more precise the forecast of the
average monthly air temperature in Transcaucasia. Trudy TSIP
no.139:29-34 '65. (MIRA 18:6)

VACHNADZE, E.A.

Peculiarities of a fixed attitude formed on the basis of a verbal situation in schizophrenia. Trudy Inst.psikhol. AN Gruz. SSR 11:393-399
' 57. (MIRA 12:3)

(Schizophrenia) (Attitude (Psychology))

VACHNADZE, E.

Peculiarities of attitude fixated under the influence of verbal
situations in hysteria. Eksp. issl. po psikhol. ust. 1:583-589
'58. (MIRA 13:12)

(Attitude (Psychology))

(Hallucinations and illusions)

(Hysteria)

VACHNADZE, E.A.

Characteristics of the attitude fixed through the action of a verbal situation in presenile psychosis. Soob. AN Gruz. SSR 20 no.1:113-117
Ja '58. (MIRA 11:6)

1. Institut psikhologii im. D.N. Uznadze AN GruzSSR, Tbilisi.
Predstavleno chlenom-korrespondentom Akademii R.G. Natadze.
(Geriatrics) (Psychoses)

VACHNADZE, E.A.

Peculiarities of sets fixated in verbal situations in schizophrenia.
Eksp.issl.po psikhol.ust. 2:351-356 '63. (MIRA 16:12)

*

VACHNADZE, E.A.

Peculiarities of the imagination of schizophrenics as studied
by means of the Rorschach method. Trudy Inst.psikhol. AN Gruz.
SSR 14:83-89 '63. (MIRA 18:4)

VACHNADZE, G.S.

Effect of growth factors on the plantations of hardwood species
in the region of floodland forests. Trudy Inst.lesa AN Gruz.
SSR 11:135-152 '62. (MIRA 16:2)
(Georgia--Hardwoods) (Georgia--Alluvial lands)

VACHNADZE, I.A.; GONCHARENKO, Ye.I.; DORZH, G. (Ulan-Bator)

Form, dimensions, and topography of the gallbladder in a vertical position of the body. Vrach. delo no.9:96-99'S 63.

(MIRA 16:10)

1. Kafedra anatomii (zav. - G.Dorz) Mongol'skogo meditsinskogo instituta i Vtoraya ob'yedinennaya osobaya bol'nitsa. Rukovoditel' raboty - konsul'tant kafedry anatomii, dotsent Ye.I. Goncharenko.

(GALLBLADDER — RADIOGRAPHY)

VACHNADZE, I.I.

Natural reproduction of principal tree varieties of Georgia
in forest clearings. Trudy Tbil.bot.inst. 20:249-287 '59.
(MIRA 13:8)

(Georgia--Forest management)

VACHNADZE, I.I.; SOSELIA, E.D.

Bioecological properties of Colchian box (*Buxus colchica* Pojark.).
Trudy Tbil.bot.inst. 21:135-155 '61. (MIRA 14:10)
(Georgia--Box)

VACHNADZE, I.I.; SOSLITA, E.D.

One more unknown habitat of *Helkova carpinifolia* (Pall.)
Bipp. in Kakhetia. Vest. Tbil. bot. sada. no.68:81-84 '62.
(MIRA 17:5)

VACHNADZE, I. K.

VACHNADZE, I. K.: "Post-membrane injection as an effective method of termination late pregnancy, based on medical indications."
. Irkutsk State Medical Inst. Irkutsk, 1954.
(Dissertation for the Degree of Candidate in Medical Sciences).

SO: Knizhnaya letopis', No 23, 1956

VACHNADZE, I.K., kandidat meditsinskikh nauk

Deliveries with pelvic presentation according to materials from an
obstetric clinic for a seven-year period (1947-1953) Akush. i gig.
33 no.2:77-78 Mr-Apr '56. (MLRA 9:7)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. Ye.I.Belyayev)
Irkutskogo meditsinskogo instituta
(LABOR PRESENTATION
pelvic, statist. in Russia)

УП-АННОУС, I. K.

USSR/Human and Animal Physiology - Nervous System.
Vegetative Nervous System.

T-10

Abs Jour : Ref Zhur - Biol., No 13, 1958, 34617

Author : Yachmadze, I.K., Mandel'shtan, V.A.

Inst : First Leningrad Institute of Medicine.

Title : The Characteristics of Some Vegetative Reactions in Women
at the Presence of a Full-Term or Extended Pregnancy.

Orig Pub : Sb. nauchn. tr. Kafedry akusherstva i ginekol. 1-y Leningr.
med. in-t, 1957, vyp. 1, 42-50.

Abstract : No abstract.

Card 1/1

VACHNADZE, I.K.

Detachment of a cystoma of the ovary. Akush. i gin. 36 no.2:110-
111 Mr-Ap '60. (MIRA 13:12)
(CYSTS) (OVARIES-TUMORS)

VACHNADZE, I.K., kand.med.nauk; PERLO, N.A.

Immediate and short-term consequences for the parturient and fetus
of breech presentation in labor. Akush.i gin. 36 no.5:24-27 S-0
'60. (MIRA 13:11)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. I.I. Yakovlev)
I Leningradskogo meditsinskogo instituta imeni akad. I.P. Pavlova
(dir. - dotsent A.I. Ivanov).
(LABOR (OBSTETRICS))

VACHNADZE, I.K.

Variants of cervical and isthmocervical development of pregnancy,
their diagnosis and treatment. Sbor. nauch. trud. Kaf. akush. i
gin. 1. LMI no.2:257:265'61. (MIRA 16:7)

(PREGNANCY, COMPLICATIONS OF)

VACHNADZE, I.K; VASIL'YEVA, Ye.T.

Direct and immediate results of an interruption of pregnancy in
its late stages according to medical indications. Sbor.nauch.
trud.Kaf.akush.i gin. l IMI no.2:266-270'61. (MIRA 16:7)
(PREGNANCY, COMPLICATIONS OF)

VAGINAL B, (1.11) (1.11)

There is a possibility of a...
below and after...
by the... (1.11) (1.11)

1. Information...
2. Information...

VACHNADZE, K.

"Infrared Rays," Oktyabr', No.2, 1956

TAVADZE, F.N., *otv. red.*; AGLADZE, R.I., *red.*; ARCHVADZE, Sh.R., *red.*;
VACHNADZE, N.D., *red.*; OVELKSIANI, G.G., *red.*; GUDZHEDZHIANI, B.I., *red.*;
DZHANELIDZE, A.I., *red.*; DZOTSENIDZE, G.S., *red.*; DURMISHIDZE,
S.V., *red.*; KETSKHOVELI, N.N., *red.*; MIKELADZE, I.S., *red.*;
RUBINSHTEYN, M.M., *red.*; TVALCHRELIDZE, A.A., *red.*, [deceased];
TSITSISHVILI, G.V., *red.*; SHENGELIYA, P.G., *red.*; FEODOT'YEV,
K.M., *red. izd-va.*; GUSEVA, A.P., *tekh. red.*

[Natural resources of the Georgian S.S.R.] Prirodnye resursy
Gruzinskoi SSR. Moskva. Vol. 1. [Metalliferous minerals] Metallicheskie
poлезnye iskopaemye. 1958. 230 p. (MIRA 11:11)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Sovet po izucheniyu
proizvoditel'nykh sil. 2. Chlen-korrespondent AN Gruz. SSR (for Tavadze).
(Georgia--Ore deposits)