

BULGARIA/Chemical Technology. Pharmaceuticals. Vitamins.
Antibiotics.

H

Abs Jour: Ref Zhur-Khin., No 24, 1958, 82683.

Author : Stefanova, M., Ivanova, D., Donev, H., Koen, I.

Inst :

Title : The Relationship Between the Efficiency of an Active
Principle and the Method of Drying a Plant Raw Material.

Orig Pub: Sb. tr. Vissh. med. in-t-Plovdiv, 1955, (1957),
10, 165-172.

Abstract: The investigation for the determination of the opti-
mum condition for vacuum drying medicinal herb by
several laboratory methods in regard to the activity
of the active principle was carried out. The drawings
of the experimental set-up and a list of the results
from determinations and the pharmaceutical investigat-

Card : 1/2

BULGARIA

P. PEYCHEV, I. KOEN, N. DONEV and Iv. MEDYALKOV, Chair of Pharmacology (Katedra po farmakologiya) Head (rukovoditel) Docent P. PEYCHEV, and Chair of Histology and Embryology (Katedra po histologiya i embriologiya) Head Docent D. STANISHEV, Medical College, Plovdiv.

"Effect of Cheese on Intoxication with Sodium Arsenate and Tetrachloromethane in Experimental Animals."

Sofia, Ekperimentalna Meditsina i Morfologiya, Vol 2, No 1, Jan-Mar 63; pp 32-38.

Abstract [English summary modified]: Study in mice, guinea pigs, rats and dogs fed 1 of 2 types of cheese for 1 weeks then poisoned with Na arsenate p.o. or CCl₄ s.c.: cheese type 63 contains casein and 4% curds and had previously been found by authors to have "potent protective effect in parathion poisoning": this cheese significantly protected from histopathologic changes, also increased hepatic glycogen in rats and dogs. Two tables; 6 Soviet and 6 Bulgarian (incl. 1 unpublished* and 1 thesis.)

1/1

3

APPROVED FOR RELEASE: 09/18/2001. CIA-RDP86-00513R000723530009-2"

TRAPZNIKOV, V.A., akademik; STAROVSKIY, V.N., KOEN, I., prof. psikhologii; BERNAL, D. (Angliya); PAUILL, S.; ARTSIMOVICH, L.A., akademik; MICHINOV, V.S., akademik

Science in the borderland of fantasy. Tekh.no. 31 no.1:2 of cover, 2,7, '63. (MIRA 1613)

1. President AN SSSR (for Keldysh). 2. Chlen-korrespondent AN SSSR (for Starovskiy). 3. Manchesterkiy universitet, Angliya (for Koen). 4.. President Vsesirnoy federatsii nauchnykh rabotnikov (for Pauill). (Science)

KOEN, Israel, st. prep.

Influence of the mechanized doffing of ring spinning frames
on the basic technical and economic indexes. Tekstilna prom
14 no.1:9-15 '63.

1. Machinery and Electrotechnical Institute, Sofia.

KOEN, M. R.

The 5th Volume of the Chief Management (of this Administration) of Geological Deposits and Mining Studies. Mining, #11:57:Nov. 54

KOEN, L. R.

New Data about the Upper Eocene Age of the "Paleogene" Coal Bearing Basin in the Southwest of Bulgaria. Minno Delo (Mining), #2190:Feb 55

KOEN, M.; PODVUREACHOVA, A.; IVANCHEVA, B.

**Clinical aspects and therapy of whooping cough. Suvrem.
med., Sofia 7 no.11:66-73 1956.**

- 1. Ot I gradaka infektiosna bolnitsa - Sofia (Gl. lekar:
M. Koen).
(WHOOPIING COUGH,
clin. aspects & ther. (Bul))**

KOEN, M.

Conference for the study of practical measures to aid the
radiotherapeutic centers of the less developed districts.
Med. rad. 8 no.10:100-103 0 '63. (MIRA 17:6)

VERBEV, P.; KOEN, M.; ZHELIAZKOV, S.; MONEV, V.; NEICHEVA, E.

Coli dyspepsias. (Epidemiological and clinical analysis).
Nauch tr. vissh. med. inst. Sofia 42 no.2:15-27 '69.

1. Predstavna ot prof. P. Verbev, rukovoditel na Katedrata
po epidemiologia i infektiozni bolesti.

(ESCHERICHIA COLI INFECTIONS)
(DYSPEPSIA) (INFANT NUTRITION DISORDERS)
(EPIDEMIOLOGY)

KOEN, Popp

The 45th Session of the International Labor Conference, Trud teeni 3
no.8:73-78 '61.

(International Labor Organisation)

KOEN, Pepe

The 46th International Labor Conference. Trud tooni 4 no.8:75-
80 '62.

KOEN, Pepe

Forty Seventh International Labor Conference. Trud tæni
5 no. 9: 77-81 '63.

KOEN, Pepo

International Preparatory Technical Conference on Employment Policy. Trud tseni 6 no. 1: 74-76 '64.

KOEN, Pepe

Forty-Eighth Meeting of the International Labor Conference.
Trud tseni 6 no.10:69-72 '64.

BAKALOV, I.L.; LALOVA, M.K.; TRIFONOV, A.; KOHN, E.

Observations on dysentery in infants. *Suvrem. med.*, Sofia 5 no.7:
58-71 1954.

1. Is KHIP (direktor: dots. As.Fikov) i gradska detska bolnitsa,
Sofia. (Gl. lekar: Duiuklieva) i RIM (sam.-direktor po nauchnata
chast: doktor po medicina nauki D.Khadzhifimova)
(DYSENTERY, BACILLARY, in infant and child.)

KOEN, R.

NIKOVA, N.; TOCHKOV, As.; KOEN, R.; GENOV, V.

Etiology of chronic colitis; preliminary communication. *Suvrem. med.*, Sofia 5 no.9:85-91 1954.

1. Is Klinikata po gastro-eterologija pri ISUL. Direktor: prof. T. Tashov, RHM. Direktor: Vl. Kalaidshiev i RHP. Direktor: Dreiski.

(COLITIS, etiology and pathogenesis.)

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530009-2"

BULGARIA/General Problems of Pathology. Immunity.

U

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37041.

Author : Khadzidinova, D., Trifonova, A., Danailova, L.,
Koen, R.

Inst :

Title : The Effect of the Nervous System Upon Formation of
Agglutinins.

Orig Pub: Tr. Respubl. n-1, in-ta epidemiol i microbiol., 1955,
2, 1-15.

Abstract: Stimulation of the CNS with caffeine (0.05g/kg every
6 hours subcutaneously during 1 or several days) after
a single injection of typhoid, paratyphoid B and
dysentery and triple vaccine, produced an increase
in the agglutinins titer.

Card : 1/1

Acen

BULGARIA/Microbiology - General Microbiology.

F-1

Abstr Jour : Ref Zhur - Biol., No 5, 1958, 19348

Author : Trifonova, Yomlov, Koen

Inst : -

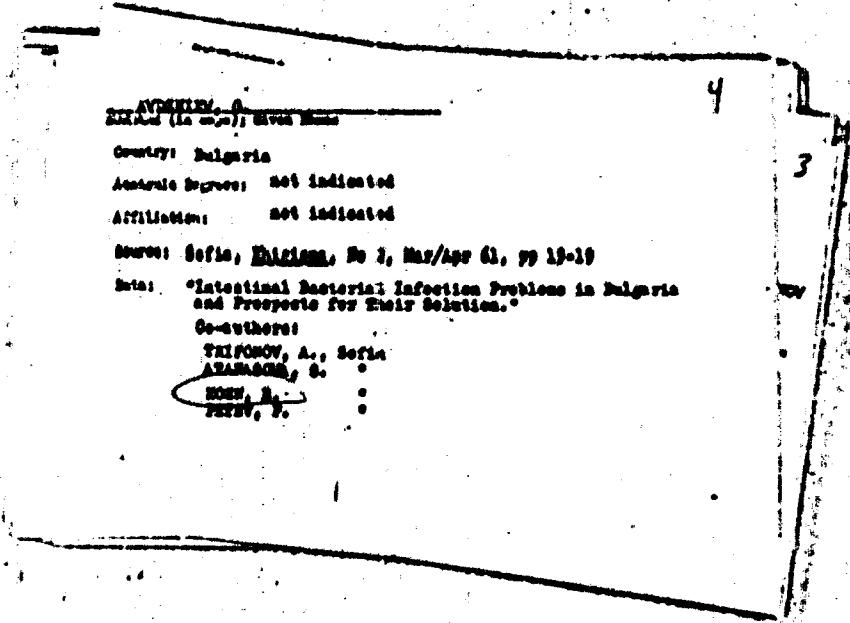
Title : Variability of Dysentery Bacteria Under the Influence of Polyvalent Phage.

Orig Pub : Tr. Respubl. n.-1. in-t epidemiol. i mikrobiol., 1956, 3, 41-47

Abstract : No abstract.

Card 1/1

Acen, K.



Koen, K.

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~~APPROVED FOR RELEASE~~
~~SECRET (in copy)~~ ~~From memo~~

Country: Bulgaria
Academic Degree: not indicated
Affiliation: not indicated
Source: Sofia, *Pravda*, No 2, Mar/Apr 61, pp 21-24
Title: "A Typhoid Fever Epidemic Originating From Drinking Water."
Co-authors:
KOEN, K., Sofia
PAPADOV, G. •
TODIN, M. •
BANKOVA, A. •

Kpen, R.

TRIFUNOVA, A.
 (in Cyrillic)

Country: Bulgaria

Academic Degree: not indicated

Affiliation: not indicated

Source: Sofia, *Khizhna*, No 7, Mar/Apr 61, pp 31-32

Title: "The Etiologic Role of Pathogenic Cell Bacteria in Infant Gastro-Intestinal Diseases."

Co-authors:

- ASHKUNOVA, S.
- EDEN, B.
- LILOVA, M.
- BOYUKLIVIA, S.
- DOTSOVA, N.
- STEFANOV, S.

KOEL, Sara

Bulgaria

Academic Degree not given

The Okrug Hospital in Kurdzhali (Okruzna bolnitsa, Kurdzhali).

Sofia, *Pediatrics*, supplement of *Sovremenna Meditsina*, No 3, 1962, pp 55-58.

"Treatment of Children Suffering from Hypotrophy"

BULGARIA/Chemical Technology, Chemical Products and Their
Application, Part 3. - Drugs, Vitamins, Antibiotics.

H-17

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 33511.

Author : V. Koen.

Inst : Not given.

Title : Control Method of Process of Analgesic Production.

Orig Pub: Farmatsiya (Sofia), 1955, 5, No 5, 23-27.

Abstract: No abstract.

Card : 1/1

12

ABS. JOUR. : RZhKhim., No. 22 1959.No.

79506

AUTHOR : Koen, V.

INST. : Bulgarian Institute for Pharmacology

TITLE : The Colorimetric Determination of Atophan and
Sodium Atophan

ORIG. PUB. : Trudy Nauch Issledovatel Inst Farmatsiya, 1, 164-
166 (1957)

ABSTRACT : See RZhKhim, 1957, no 18, 6092d.

CARD: 1/1

222

Koen, V.

Country : BULGARIA H-17
Category : Chemical Technology. Pharmaceuticals. Vitamins.
Antibiotics
Abs. Jour : Ref Zhur-Khizdye, No 14, 1959, No 50731
Author : Koen, V.; Nin'o, N.
Institute : -
Title : Colorimetric Determination Method of "Anesthe-
sine" in Pharmaceutical Preparations
Orig Pub. : Tr. N-1, in-t fatsii, 1957, 1, 158-159,
Earmatsiya (Bulg.), 1958, 8, No 1, 27-31
Abstract : For the purpose of elimination of shortcomings
in the existing methods, a new method for the
determination of "anesthesine" and novocaine
in complex pharmaceutical preparations was
developed. It is based on characteristic color
reactions that the above compounds form with
n-dimethylaminobenzaldehyde. The reaction
takes place as the result of interaction of the
aldehyde and amine groups, that yields a stable
yellow coloring, the intensity of which is
Cards : 1/8

Country : 1

H-17

KOEN, Dah.V. [Cohen, J.W.] (Delft)

On derived and nonstationary Markov chains. Teor. veroiat. i ee
prim. 7 no.4:410-432 '62. (MIRA 15:11)

1. Mathematical Institute, Technological University, Delft.
(Markov processes)

KOLUSHEVA, A.; NINO, N.; KOEN, V.

Polarographic analysis of some hydrazine derivatives of the hydrazide of isonicotinic acid. Izv Inst khim BAN 7 27-40 '60.
(KEAI 10:9)

1. Nauchnoissledovatel'ski farmatsevticheski institut.

(Polarograph and polarography) (Hydrazines)
(Isoniasid)

KCFH, V.

Identification of atropine, diazepam, and papaverine in medicinal mixtures with the aid of paper chromatography. *Ibid.* 7:110-112 163.

Point-to-point identification of some of the tetrahydrofuran series. *Ibid.* 8:111-113

KOENA, A.

Discussion on the article of J. Sosta and L. Ruzicka, "Controversial
Absence". Pracovní lek. 14 no.8, 385-386 0 '62.

1. Zavodni zdravotnicko středisko AEL, n.p., ZJD -- OŽNE Praha-východ.
(ABSENTEEISM)

(SOSTA, J.)

(RUZICKA, L.)

KOENIG, I., LUTYNSKI, R., MEINHARDT, S. (Krakow)

Attempt at using the ring reaction test (ABR) in laboratory checking
of market milk. Roczniki nauki wet 70 no.1/4:215-216 '60,
(KRAI 10:9)

(Milk)

KOENIG, Irena; MEINHARDT, Stanislaw(Krakow)

Criteria for sanitary evaluation of sheep milk cheese on the basis
of testing its production cycles. Rocznik nauki rolnej 70 no.1/4:
438-439 '60. (KEAI 10:9)

(Sheep) (Cheese)

BŁACH, Michyślaw; KUŃCIG, Irena; OSTROWSKI, Roman

The persistence of poliomyelitis virus type 1 in vaccinated individuals and in their environment. Przegl. epidemiol. 19 no.1:97-100 '65

1. 3 Mojawodzkiej Stacji Sanitarno-Epidemiologicznej w Krakowie (dyrektora doc. dr. M. Eliek).

KOEN, A. M.

30

POLAND

KULESZA, Aleksandra of the Department of Epidemiology (Zaklad Epidemiologiczny) of the PZM (Panstwowy Zaklad Higieny -- State Institute of Hygiene), Director: Prof. Dr F. PRZE-
 SZYCKI, Head of the Department: J. KOSCIUSZKO; J. GILBA,
 T. JOPKIEWICZ, V. KACPRZAK, W. KOCIELSKA, E. LIPINSKA, R.
 LUTYNSKI, J. MAKAREWICZ, S. PLEKA, T. RODEWICZ, V. SOCZE-
 WICA, S. SZCZEPANIK, D. ZOLNIERKOVA all of the VSES (Wojewo-
 dskie Stacje Sanitarne-Epidemiologiczne -- Wojewodztwa
 Health and Epidemiology Stations); M. BOSKOWSKI, A. GROCZ,
 J. GELBER, E. JUCYA, J. KUROCIK, J. STOMATOWICZONA, Z.
 SZCZEPANIK, K. SZCZEPANIK, Y. SWICOWA, R. YARUCHA of the
 Departments of Poliomyelitis Patients (Oddzialy dla Chorych
 na Poliomyelitis) of the VSES; H. DOBRZYNSKA of the De-
 partment of Virology (Zaklad Wirusologii) of PZM, Director:
 Prof. Dr F. PRZEZYCKI; J. ADAMSKI (Poznan), H. DOBRZYNSKA
 (Warsaw), J. BOGUSZKA (Lodz), K. KRZELI (Krakow), M. MA-
 KOWER (Wroslaw), F. TAYTSCH (Warsaw) of the PZM; technical
 aid of A. BACINIEA of the PZM.

"Safety of Immunization with the Attenuated Polio Virus]

1/2

POLAND

Strains Type 1 Chat and Type 3 V Fox"

Warsaw, ~~Przebieg~~ Epidemiologiczny, Vol XVI, No 4, (2), pp 377-380.

Abstract: *Author's English summary modified.* An epidemiological, clinical and virological analysis of poliomyelitis in Poland was made within 6 weeks after completion of oral immunization with polio virus type 1 Chat and type 3 V Fox. Investigations made in 1959 and 1960 show the complete safety of Koprowski's attenuated oral vaccine type 1 Chat. The strain 3 V Fox is indicated as a pathogenic one and its uncertain safety found by investigations in 1960 has been confirmed. 8 tables; 2 diagrams; 9 references, 2 Polish the rest Western.

12/2

KOENIG, M.

37

POLAND

KULEZA, Aleksandra; Department of Epidemiology (Zaklad Epidemiologii), PZH (Panstwowy Zaklad Higieny -- State Institute of Hygiene), Director: Prof. Dr J. KOSTRZYCKI, Head of the Institute: Prof. Dr V. PRZYBYLO; with the collaboration of J. GOLBA, T. JOPKIEWICZ, M. KACPRZAK, W. KOCHLESKA, M. KOPEO, K. LIPINSKA, N. LUTYNSKI, J. KARANEWICZ, M. MALYSZKO, H. NIEWIAN, A. CLES, S. JERKA, Z. TOPILEWICZ, T. RODEWICZ, J. ROZWAJOWNA, W. SOCHNICA, S. SZCZESNYAK, D. ZOLNIEWICZ, J. ROZWAJOWNA, W. SOCHNICA, S. SZCZESNYAK, D. ZOLNIEWICZ all of the Wojewodstwo Health and Epidemiological Stations (Wojewodskie Stacje Sanitarne-Epidemiologiczne): H. BOBROWSKI, A. OBOOW, J. OELNER, M. GRUBSZCZYNSKA, H. JASTKIEKA, E. JUZWA, J. KUROCZKIN, Z. RESZKI, R. STANCZYK, J. STONOWICZOWA, Z. SZCZERSKA, H. SZCZYGILOSKI, S. SYNDLAR, K. SWICOWA, J. WAJSZCZUK, R. WARTCHNA all of the Departments of Poliomyelitis Patients (Oddzialy dla Chorych na Poliomielitis) of the Wojewodstwo Health and Epidemiological Stations: J. ADAMSKI (Poznan), M. DOBROWOLSKA (Warsaw), J. BOCHNERSKA (Lodz), M. KOENIG (Krakow), M. DOBROWOLSKA of the Department of Virology (Zaklad Wirusologii) of PZH.

SCOURT / Hungary 3-9
 CATEGORY :
 ABS. JCUR. : RZhKhim., No. 21 1959, No. 74288
 AUTHOR : Scuroes, Z., Petro, J., and Koenig, P.
 INST. : Hungarian Academy of Sciences
 TITLE : Catalyst Studies. XVI. Investigation of Mixed Catalysts. Part I. Study of the Activity of Mixed Nickel-Magnesium Formate Catalysts
 ORIG. PUB. : Acta Chim Acad Sci Hung, 17, No 4, 419-437 (1958); Magyar Tud Akad Kem Tud Ost Kozl, 10, No 3, 329-
 ABSTRACT : The activity of previously described (see RZhKhim, 1955, No 15, 31270) catalysts has been studied in the hydrogenation of a series of compounds (eugenol, cyclohexene, benzaldehyde, acetone, acetophenone, benzophenone, benzyl cyanide). Catalysts containing 20-50 mol % Ni were found to exhibit the greatest activity. In a number of cases the specific activity of the catalyst (Ni bases) exceeds the activity of Raney Ni catalysts by a factor of 5. At elevated pressures (30 atm)
 CARD: 1/2 *346 (1958)
 42

KOENIG, Rudolf

Motorcycle repair at home. Auto meter 16 no.21:21 6 H '63.

POKORNY, M.; KORNIDEMARHOVA, D.; POMCOVA, V.

Treatment of infectious hepatitis with horse-radish. Cas.lek.cesk.
90 no.11:338-341 16 Mar 1951. (CINL 20:7)

1. Of the Internal Department of the State Regional Hospital in
Susice.

KOENIG-MARKOV, JANA

POKORNY, Milos, Prim. MUDr; ~~KORNIG-MARKOVA~~ Maria, MUDr; POSKOVA,
Yevoslava, MUDr

Paroxysms of Jacksonian epilepsy in infectious hepatitis. Cas.
lek. cesk. 94 no.6:142-144 4 Feb 55.

1. 2 internal odd. okres. nemoc. v Susici.

(EPILEPSY

Jacksonian, with infectious hepatitis.)

(HEPATITIS, INFECTIOUS, complications
epilepsy, Jacksonian)

CIESLAK, E.; KOEPPE, M.

Studies on the use of cold helactin dyestuffs. Przegl
wlokien 17 no. 2:80-85 F '63.

1. Laboratorium Kolorystyczne, Zakłady Przemysłu Bawełnianego
Boruta, Zgierz.

KOEFPE, S.; CRUCHLA, S.

Research on the influence of various conditions of storing nonperishable
sausages and the content of nitrite and nitrate in them. p. 18

GOSPODARKA MIESNA. (Polskie Wydawnictwo Gospodarcze) Warszawa, Poland.
Vol. 11, no. 7/8, July /Aug. 1959

Monthly List of East European Acquisitions. (KEAI) LC, Vol. 9, no. 1, Jan. 1960

Incl.

KOEPPPE S.

COUNTRY : POLAND H
 CATEGORY : Chemical Technology, Chemical Products and
 Their Applications, Food Industry
 ABS. JOUR. : *AZKnia.*, No. 23 1959, No. 83947
 AUTHOR : Koenna, S. Sroczyński, T.
 INST. : -
 TITLE : Chloride Content in the Muscles of Ham With
 the Arterial Injection of Brine

CRIP. PUB. : *Przem. spożywczy*, 1957, 11, No 11, 473-478

ABSTRACT : In the salting of hams, employing injection
 of an 8% brine into the arteries, the NaCl
 content in individual muscles comprizes
 0.5 - 4.8%. In the shortly trimmed hams, the
 average NaCl content is lower. As a result of
 this it is recommended that 0.5 - 1.0% more
 brine be injected in the latter type hams.
 For the obtainment of uniform salted products,
 hams must be kept in the curing brine for some
 time.

CARD: 1/1

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530009-2

POLAND

KOEPPE, Stefan; SZCZEPANSKA, Barbara and ZALEWSKI, Stanislaw; Chair of Meat
 Technology at Superior School of Rural Economics (Katedra Technologii Mięsa
 SGGW) Head (Kierownik) Prof Dr Stefan KOEPPE, Warsaw.

"Effect of Packaging on the Preservation of Frozen Fatty Goose Meat."

Lublin, *Medycyna Weterynaryjna*, Vol 21, No 11, Nov 65; pp 675-679.

Abstract [English summary modified]: Study of 3 types of wrapping paper to
 preserve goose meat in regular refrigeration; grease-proof parchment held over
 3 months, polyethylene over 4, Saran-type wrap over 6 months. Various methods
 to determine state of preservation were also studied. Three graphs, 5 tables.

1/1

KOERBL, J

SCOTT CAT 1304	Electrochromic	KATZ, S	5-1	6
ASL. J. 204.	ANAL., No. 27 1959, No.		14,000	
ASL 1304 1/57 1122	Wentzel, J., Neff, J., Brabantov, J., and Not given Spectrometric Titration (Chelatometry). 24311 Principal Substrate used in Com. Chemistry. 24312. Commercial 2 as an indicator for 1122			
0109, 770.	Collection Spectroscopic Chem. Comm., 27, 140-149, 1954-55; No. 3, 700-717 (1953)			
ASL 1304	See 24312, 1954, No. 17, 5711; 27117, No. 27, 71708. For Compendium 24311 see 24312, 1954 No. 27, 21308.			
	Wentzel, J., Neff, J., and Brabantov, J. and Wentzel, J., Neff, J., Brabantov, J., and Prill, S.			
	Determination of Thionin, Picric, Caricic, and Lanthanum. 24317. The Indirect Determination of Aluminum with Epinephrine			
TAL 1304			85	

KOE R 136, J 21

CZECHOSLOVAKIA/Analytic Chemistry. Analysis of Inorganic Substances. E

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73701.

Author : Miloslav Houda, Jiri Koerbl. Vladimir Basant, Rudolf Pribil.

Inst :
Title : Complexometrical Titration (Chelatometry).
XXXV. Indirect Determination of Aluminum With Xylenol Orange.

Orig Pub: Chem. Listy, 1957, 51, No 12, 2259-2265.

Abstract: The conditions of quantitative formation of Al chelate with ethylenedinitrilo-tetraacetic acid (I), as well as the condition of reverse titration of the excessive I with $Pb(NO_3)_2$, $ZnSO_4$ and $Th(NO_3)_4$ with the application of xylenol

Card : 1/4

CZECHOSLOVAKIA/Analytic Chemistry. Analysis of Inorganic Substances. E

Abs Jour: Ref Zhur-Khimiya, No 22, 1958 73701.

orange (II) were studied. It was established that a quantitative interaction of Al^{3+} with I takes place only in a weakly acid medium, below the pH of the start of Al salt hydrolysis; a more acid medium is not an obstacle. The presence of great amounts of neutral salts results in a slow formation of the Al chelate with I, but the formation can be accelerated by boiling the solution. The lower limit of pH at the reverse titration of the I excess is a little lower than 3. It is necessary to buffer the titration solutions with hexamethylenetetramine or the acetate buffer solution, which is especially important at the titra-

Card : 2/4

ROESSLER, I.

CZECHOSLOVAKIA

STOLKA, M; VODENAL, J; ROESSLER, I.

Institute of Physical Chemistry of the Czechoslovak Academy
of Sciences, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications.
No 6, 1963, pp 1535-1539

"Preparation of 3,4-Polyisoprene and its Infra-Red Spectrum."

КОЕВ, А.

"Possibility for economy in the construction of barrages" (p.123) ГИКОМО СТОПАНИСТВО
(Управление на Горското стопанство към Министерския съвет) София Vol 10 No 1 Jan 1954

SO: East European Accessions List Vol 2 No 7 Aug 1954

KOEV, A. (Sofia); DASKALOVA, S. (Sofia)

Activation of students during the lesson on the heating of
electric current conductors in the 8th grade. Mat i fiz Bulg
6 no.3:42-43 My-Je '63.

KOEV, Ang.

Skin disease morbidity in the District of Kula in 1956-1961.
Dermato vener Sofia 1 no.3:33-37 '62.

1. Is Katedrata po kozhni i venericheski bolesti pri VMI,
Sofia (rukov. na katedrata prof. L. Popov).

TOLEV, Iv.; USHEV, I.; KOEV, A.; CHANG, Y. H.

Clinical and roentgenological observations in syphilis with osseous manifestation. Suvren. med., Sofia 8 no.9:35-44 1957.

1. Is bulgarskata boinitsa v Koreia gl. lekar: G. Mitrov.
(SYPHILIS, compl.
bone lesions, x-ray diag.)
(BONE DISEASES, etiol. and pathogen.
lesions in syphilis, x-ray diag.)

KOEV, D.
KOEV, DIMITUR.

Uchebnik po sgradostroitelstvo. Az 1 kurs na stroitelnite tehniki. Sofiya,
Narodna prosveta, 1954. 184 p. (Textbook on building construction; for
the 1st course in technical schools. illus.)

SO: Monthly list of East European Accession, (EEAL), IC, Vol. 4, No. 9,
Sept. 1955, Uncl.

KOEV, D. - MASHINIZIRANO, Zemedelie

Experiences of Radoslav Andreev, Hero of socialist labor. p. 3
(MASHINIZIRAN ZEMEDELIE Vol. 6, No. 5, May 1955.)

SO: Monthly list of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

KOEV, Dimitur

On a better labor wage system for the mechanics and technicians
in farming. Trud tseñi 4 no.9:61-73 '62.

KOEV, D.

"The Fight Against Workers' Accidents During Harvesting" p. 9
(Nashinizirano Zemelie, Vol. 4, No. 3/4, 1953, Sofiya)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress,
March, 1954, Uncl.

KOEV, D.

"Comparative studies of the effect of resin production on the technical quality of the spruce; results from one year's study of resinous spruce trees", P. 40., (TEKHNIKA PROMISHLEENOST, Vol. 3, No. 8, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Acquisitions, (SEAL,) LC, Vol. 4, No. 6, June 1955, Uncl.

KOEV, D.

KOEV, D. Superior quality of oil-producing seeds. p. 3.

Vol. 5, No. 10, 1956.

LEKA PROMISHLENOST.

TECNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 3, March 1957

KOEV, D.

Machine-tractor station in Polaki Trusboch is national front-ranker for the second time in 1955. p. 5.

MASHINIZIRANO ZEMEDELIE VOL. 7, no. 1, Jan. 1956

Sofiya, Bulgaria

so. EAST EUROPEAN ACCESSIONS LIST VOL. 5, no.7, July 1956

KOEV, D.

From the experience of Stoian Dameldshiev, front-ranking threshing
machine operator for 1955. p. 9

MASHINIZIRANĀ ZEMĀDELIE. Vol. 7, No. 6, June 1956

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

KCEV, D.

KCEV, D. Mechanical gathering of corn. p. 11.

Vol. 7, No. 9, Sept. 1956.

MASHINIZIRANO ZEMKDELIE

AGRICULTURE

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

KOEV, D.

Better coordination in the work of the tractor, and field-worker brigades.

P. 1, (Mashinizarano Zemedelie) Vol. 8, no. 2, Feb. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No.11 November 1957

KOEV, D.

AGRICULTURE

Periodical: NAUCHNI TRUDOVE. Vol. 5, 1957.

KOEV, D. The willow for basketry as a source for producing
tanning materials. p. 175.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 2
February 1959, unclass.

KOEV, I.

Ten years of Bulgarian ethnography. p. 443.
EZVESTIIA NA ETNOGRAFSKIIA INSTITUT I MUZEI. Vol. 2, 1955.
Sofia, Bulgaria

SOURCE: East European Accessions List, (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

KOEV, K.

26

1. Distribution of Torsional Moments to Surfaces of the Components of Straight Lines in the Hyperbolic Space. A. ALIMOV, pp 211-217.

2. Measuring the Activation Energy of Adsorption Levels in Lead Sulfide. V. RAY and L. STANLEY, pp 239-243 (English Summary)

3. New Basic Differential Moments for Laboratory Purpose. S. BUDAKOVIC and I. KUCEROVIC, pp 241-244.

4. Microanalytical Determination of Chlorine and Iodine. J. S. RICHIEY and R. HENY, pp 245-254.

5. Comparative Analysis of the Means of Some PMS Groups. S.J. YALOW, pp 251-254.

6. The Method of β -Radiation Self-Filter from The Broadband Limited Area. R. DANKOVIC, pp 255-257.

7. Absorption of Nitrogen Oxides in the Vibrating Phase of Solid Systems. Part II. S. KUMAR, S. K. CHAKRAVARTY, S. K. MUKHERJEE and S. P. MUKHERJEE, pp 259-262.

8. On the Rate of Absorption of Pure Gases. R. HENY, S. HENY and C. MALLET (In English) pp 263-268.

9. Effect of Some Inorganic Additives on the Reduction of Copper Oxide by Carbon Monoxide at Low Temperature. S. S. KUCEROVIC, pp 269-272.

10. Report on the Radio Pulse, Piezoelectric Basis. T. S. MANDIC, pp 271-274 (English Summary).

11. β -Radiation Induced Polymerization. S. S. KUCEROVIC, pp 275-278 (English Summary).

12. Regarding the Experimental Variability of Isothermic Self-Heating. P. 279-281.

13. Studies on the Formation of Capsule by Certain Strains of *Methylobacterium* in vitro. G. ST. STANLEY, pp 283-286.

14. Antitubercular and the Anticancer-Indothal System. Fluorescence Activity in Membrane Treated with Calcium Ions. M. S. KUCEROVIC, S. KUCEROVIC and S. STANLEY, pp 287-290.

15. Ultrasonic Spectroscopic Study of Layers of Surface. S. STANLEY, pp 291-294.

16. Gamma Spectroscopic Study of Lanthanum Doped in *Methylobacterium*. S. STANLEY, pp 295-298.

KOEV, K.

- (13)
1. "Preparation to new silver and copper" - contributions in the form of... of the cooperative (the village of Salsky (Volsko center)) pp 1-4.
 2. "The organization of labor in livestock building at the state farm in 1958-59." (also SALSKY and Salsky) pp 7-11.
 3. "The Agricultural cooperative from the party building" - year 1958-59, and of 200000 at the cooperative farm in Salsky pp 12-13.
 4. "Specialization and concentration of the building in state farms." (all leaders of the "Salsky" VLS (Agricultural Party Organization)) pp 14-15.
 5. "The Party Building Farm of the cooperative farms in Salsky center." Salsky SALSKY pp 16-18.
 6. "The possibilities for producing more food" - in the form of the state farm in Salsky - Salsky pp 19-20.
 7. "The Party Building Farm for concentrated farms." Salsky Salsky pp 20-21.
 8. "Preparation of important reports for producing more food" - in the form of the state farm in Salsky - Salsky pp 21-22.
 9. "The Party Building Farm" - Salsky SALSKY, under the scientific collaboration at the party building center and the research center in Salsky Salsky pp 22-23.

KOEV, Koiu, insh.

Standardisation in the last 20 years. Ratsionalizatsiia 14
no.9:20-23 '64.

1. Director, Institute of Standardisation, Measures and
Measuring Instruments.

XCV, XCVI, Luch.

Sixth General Assembly of the International Organization for
Standardization (ISO). International Standardization 1964.

KOEV, Koio, insh.

Let us improve the work on standardisation and normalisation.
Ratsionalizatsiia 13 no.6:1-3 1971.

1. Direktor na Instituta po standardizatsiia, merki i izmeritelni
uredi.

KOBY, Zh.; IONCHEVA, A.; FILIV, D.

Application of plastmass of rapid polymerisation in orthodontic practice in clinical conditions. Stomatologija, Sofia no.5:310-313 1954.

1. Is Republikanskia nauchno-issledovatelaki stomatologichen institut. Direktor: dots. T.Burkov.
(ACRYLIC RESINS,
dent., rapid polymerisation)

KOEV FUTEKOV, Ratko, israh.

Equipment for the automation of hydrothermal processing of oak staves. Durvomebel prom 5 no.1:20-22 Ja-F '62.

1. Glaven inzhener na Durshavno industrialno predpriatie "Sredna gora", Panagurishte.

KOBYL. N.; CHEREPOVA, N.

Serological and epidemiological studies Pneumocystis pneumonia. Izv. mikrobiol. inst. (Sofia) 16:17-24 '64

KOEVA, N.

~~KIROV, Iy.~~

Bulgaria

Higher Medical Institute, Department of Infectious
Diseases (VMI-Katedra po infektsionni bolesti),
Director: N. Koeva

Sofia, Pediatrics, No 1, 1966, pp 15-22.

"Pathogenesis, clinical manifestations and treatment
of E. Coli infections in childhood."

Co-authors:

I. Bakafov
M. Koen

~~TRUBSKAYA, S.F.; KIZELI, V.I.; KOP, E.M.~~

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530009-2

Interaction of heteroauxin and gibberellin during the formation
of roots and shoots in willow cuttings. Dokl. AN SSSR 148 no.2:
461-464, Ja '63. (MIRA 16:2)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR.
Predstavleno akademikom A.L. Kursanovym.
(Indoleacetic acid) (Gibberellin) (Plant cuttings)

TURETSKAYA, R.Kh.; KOF, E.M.

Dynamics of auxin and inhibitor changes in green and etiolated
bean cuttings in the process of root formation. Dokl. AN SSSR
164 no.1:219-222 S '65. (MIRA 18:9)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR.
Submitted August 17, 1964.

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APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530009-2"

KHALIF, A.L.; KOF, I.M.

Air-cooled refrigerators. Gas.prom. no.11:36-39 W '56. (MLRA 9:11)
(Refrigeration and refrigerating machinery)

KOP 7-111
KHALIF, A.L.; KHODANOVICH, I.Ye.; KOP, I.M.

Mass transfer occurring in film and drop absorption. Trudy VII
no.5:159-163 '54. (MLRA 9:1)

(Absorption)

KHALIF, A.L.; KOF, I.M.

Study of the operation of desorbers of oil absorption apparatus. Trudy
VNIIGAZ no.12:150-158 '61. (MIRA 15:1)
(Sorption) (Gasoline)

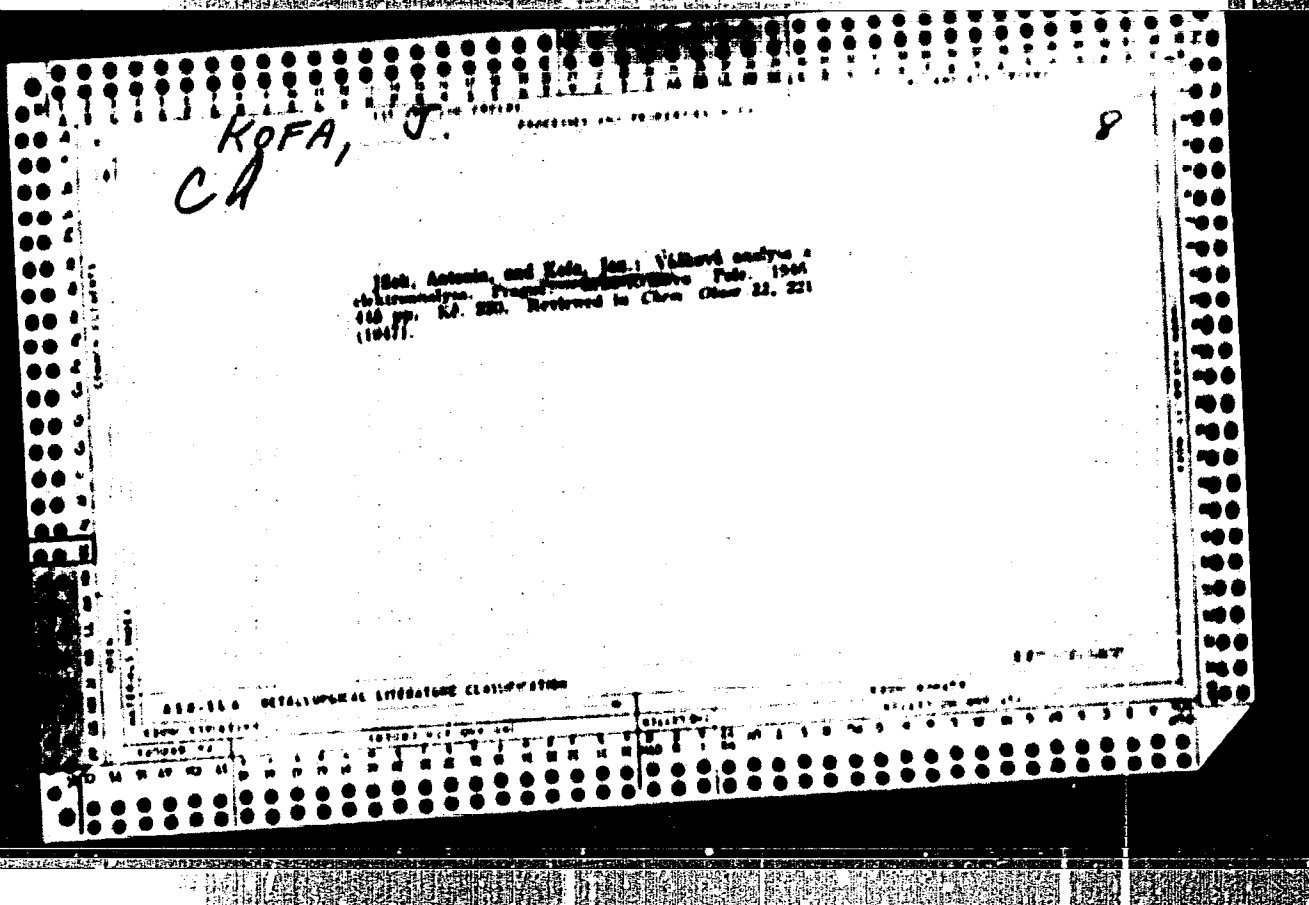
XOF, M.I.

DECEASED
c1959

1961/1

SEE ILC

HYDROGEOLOGY



WAYSH, M. N., insh.; YEMENKO, B. A., insh.; KOPANOV, G. F., insh.

Repairing single-model forging and pressing unit in the forge shop after an accident. Mashinostroenie no. 5:16-18 8-0 '62.
(MIRA 16:1)

1. Teplovostreitel'nyy saved in. Otkryabr'skey revolyutsii.

(Forging machinery—Maintenance and repair)

30954. KOFANOV, I. P.

koronarnaya nedostatoshnost'. [Po stat. dannym In-ta in. sklifosovskogo.
Doklad Na Nauch. sessii In-ta. Dek. 1946 g.] V sb: Voprosy ostroy vnutrenney
kliniki. M., 1949, s. 7-15

KOFANOV, I.T.; REVENKO, N.G.

Producing apyrogenic distilled water. Vrach.delo no.10:1061 0 '57.
(MIRA 10:12)

1. Kiyevskaya gorodskaya stantsiya perelivaniya krovi.
(WATER, DISTILLED)

SHURLYAKOVA, G.L.; KOPANOV, I.T.

Distribution of the serologic properties of the blood Rh, M and N factors among the donors of Kiev. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlosh. khir. 3:184-160 '61. (MIRA 17:10)

1. Kiyevskaya gorodskaya stantsiya perelivaniya krovi.

KOFANOV, K.P.

Corrosion of the flushing equipment of gas condensate wells.
Gas. delo no.6/7:69-72 '63. (MIRA 17:10)

1. Krasnodarskiy filial Vsesoyuznogo neftegazovogo nauchno-
issledovatel'skogo instituta.

KOFANOV, K.P.

Geochemical classification of hydrocarbon gases. Trudy KP VNIIG d.1:
279-298 '59.

(Hydrocarbons--Nomenclature)

(MIRA 16:9)

NEGREYEV, V.P.; ZAREMBO, K.S.; KOPANOV, K.P.; HAMEDOV, I.A.; LEGZIN, N.Ye.

Corrosion of the equipment used in gas condensate fields. Gas.
prom. 8 no.1:14-17 '63 (MIRA 17:7)

НАРИЗМАЯ, В.Ye.; КОФАНОВ, К.Р.

**Geochemistry of natural gases in Neogene fields of the western
Kuban. Trudy KP VNIIG no.3:190-200 '60. (MIRA 13:11)
(Kuban Lowland--Gas, Natural)**

KOPANOV, K.P.

Separation and transportation of gas from condensate gas
fields. Gas.prom. 5 no.7150-52 '60. (MIRA 13:7)
(Gas, Natural--Pipeline)

~~SECRET~~
KOFANOV, N.F.; VINOGRADOVA, O.N. (Moskva)

Synestrol and folliculin for treating peptic ulcers. Klin.med. 35
[i.e.34] no.1 Supplement:18-19 Ja '57. (MIRA 11:2)

1. Iz 3-y terapevticheskoy kafedry Tsentral'nogo instituta usover-
shenstvovaniya vrachey i terapevticheskoy kliniki Instituta imeni
Sklifosovskogo (sav. kafedroy - deyствitel'nyy chlen ANU SSSR
prof. A.N.Kryukov [deceased] nauchnyy rukovoditel' - doktor
meditsinskikh nauk B.G.Moiseyev)
(PEPTIC ULCER) (PHENOL) (ASTROM)

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APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530009-2"

ABRAMOV, V.S.; KOZANOV, S.M.

Reactions of dialkylphosphoryl halides with phosphites.
Trudy KHFI no.15:65-70 '50. [publ. '51] (MIRA 12:12)
(Phosphoryl halides) (Phosphites)

Kofanov, V.

Effect of decreased voltage in electric lines on the operation of electric appliances. p. 131. ELEKTROTECHNIK. (Ministerstvo strojirenstvi) Praha. Vol. 11, no. 4, Apr. 1956.

Source: FEAL LC Vol. 5, No. 10 Oct. 1956

KOPANOV, V.

"Determination of resistance losses in power lines by means of voltage decrease."

ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. ⁴X, March 1959

Monthly List of East European Accessions Index (KEAI), Library of Congress,
Vol. 8, no. 8, August 1959

Unclassified

ACCESSION NR: AP4014409

S/0114/64/000/001/0041/0043

AUTHOR: Kofanov, V. I. (Engineer)

TITLE: Liquid suspensions as heat-transfer agents

SOURCE: Energomashinostroyeniye, no. 1, 1964, 41-43

TOPIC TAGS: liquid suspension, heat transfer, hydraulic resistance, turbulent flow, heat transfer agent, liquid suspension heat transfer agent, chalk water suspension

ABSTRACT: Data published in Soviet and Western literature on suspensions of solid particles in liquids acting as a heat transfer agent is compared and evaluated. The author's experimental results on the hydraulic resistance of an isothermic flow of a suspension in a tube are presented for Reynolds number values between 10^4 and 10^5 . Based on the author's earlier published formulas ("Inzhenerno-fizicheskiy zhurnal AN SSSR," 1962, v. 5, no. 6), a set of curves

Card 1/2

ACCESSION NR: AP4014409

is presented for calculating the heat transfer coefficient of liquid suspensions of various solid particles. Theoretically, the addition of any solid powder increases the heat transfer of the liquid. The addition of a powder that has a high thermal conductivity, a high heat value, and a low specific gravity may double the heat-transfer coefficient. Orig. art. has: 3 figures and 16 formulas.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: PR, IE

NO REF SOV: 008

OTHER: 005

Card 2/2

38058

S/170/62/000/006/003/011

B117/B138

26.5200

AUTHOR: Kofanov, V. I.

TITLE: Equation for the heat transfer of liquid suspensions

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, no. 6, 1962, 27 - 31

TEXT: The author analyzed general differential equations describing flow and heat transfer of an inhomogeneous, incompressible liquid. The analysis yielded the relation $Nu = F(Re, Pr, r/1-r, \rho_1/\rho_2, \sigma_1/\sigma_2, d_2/d_1)$ (24)

for the heat transfer of liquid suspensions with forced convection. The monotonically changing function F can be approximately described by the Nusselt equation $Nu = B(Re)^a(Pr)^b(r/1-r)^c(\rho_1/\rho_2)^d(\sigma_1/\sigma_2)^e(d_2/d_1)^f$ (25)

for the individual sections. The experimental results obtained from the above relations by the author, and the authors mentioned below, corresponded, with an accuracy of $\pm 10\%$, to the equation

$$Nu = 0.26 Re^{0.8} Pr^{0.4} (r/1-r)^{0.015} (\rho_1/\rho_2)^{0.12} (\sigma_1/\sigma_2)^{0.15} (d_2/d_1)^{0.02} \quad (26).$$

The quantities mentioned were changed in the following ranges:

Card 1/2

Equation for the heat transfer of ...

S/170/62/000/006/003/011
B117/B138

Nu 100 - 700; Re 4000 - 20,000; Pr 1.5 - 40; r_0 - 0.2; ρ_1/ρ_2 0.1 - 0.7;
 c_1/c_2 2 - 10; d_2/d_1 14 - 22,000. There is 1 figure. The English-language
references are: C. F. Bonilla, Jr. Cervi, T. J. Colven, and S. J. Wang
Chem. Eng. Prog. Symposium Series, 49, no. 5, 127, 1953; C. Jr. Orr and
J. M. Dallavalle Chem. Eng. Prog. Symposium Series, 50, no. 9, 29, 1954;
A. P. Miller and B. W. Moulton Trend in Engineering, no. 4, 1956;
J. J. Salamone and M. Newman Ind. and Eng. Chem., 47, no. 2, 283, 1955.

ASSOCIATION: Vysshye tekhnicheskoye uchilishche im. N. E. Baumana, g.
Moskva (School of Higher Technical Education imeni N. E.
Bauman, Moscow)

SUBMITTED: January 15, 1962

Card 2/2

KOPANOV, V. I., inzh.

Heat transfer and hydraulic resistance of the flow of a liquid
suspension in pipes. Teploenergetika 10 no. 3:58-62 Nr '63.
(MIRA 16:4)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche.

(Pipes--Fluid dynamics)

VASILENKO, Aleksey Nikolayevich, kand. tekhn. nauk; DRYZHAKOV, Yevgeniy Vasil'yevich, dots.; ISAYEV, Sergey Ivanovich, kand. tekhn. nauk; KORNEYCHUK, Nikolay Karpovich, kand. tekhn. nauk, dots.; KOPANOV, Vyacheslav Ivanovich, assistant; KRUTOV, Vitaliy Ivanovich, doktor tekhn. nauk, prof.; MIRONOV, Boris Mikhaylovich, kand. tekhn. nauk; NIQMATULIN, Iskander Nigmatulevich, doktor tekhn. nauk, prof.; NOSOV, Mikhail Vasil'yevich, prof.; SAMOYLOV, Mikhail Sergeyeovich, assistant; SPORYSH, Igor Pavlovich, kand. tekhn. nauk, prof.; KHVOSTOV, Viktor Ivanovich, kand. tekhn. nauk; SHISHOV, Yevgeniy Viktorovich, kand. tekhn. nauk; YUDAYEV, Boris Nikolayevich, kand. tekhn. nauk, dots.; KUTYRIN, I.N., dots., kand. tekhn. nauk, retirement; SHVEDOV, A.M., dots., retirement; TUPITSYNA, L.A., red.; PUFAYEVA, G.I., red.

[Problems in technical thermodynamics and heat transfer]
Sbornik zadach po tekhnicheskoi termodinamike i teploperedache. [By] A.N.Vasilenko i dr. Moskva, Vysshaya shkola, 1964. 369 p. (MIRA 17:4)

1. Prepodavatel'skiy kollektiv kafedry termodinamiki i teploperedachi Moskovskogo vysshego tekhnicheskogo uchilishcha (for all except Kutyrin, Shvedov, Tupitsyna, Pufayeva). 2. Moskovskiy aviatsionnyy institut (for Kutyrin, Shvedov).

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APPROVED FOR RELEASE: 09/18/2001

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KOFANOVA, N.D.

USSR / Virology. Bacterial Viruses (Phages)

E-1

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 4981

Author : Krasil'nikov, N.A., Kofanova, N.D.

Inst : ~~Not given~~ *Instit. microbiology AS USSR*

Title : Effect of Antibiotics on Phages

Orig Pub : Antibiotiki, 1957, 2, No 1, 5-10

Abstract : Over 500 actinomycete cultures were tested, belonging to different groups and species, for the ability to produce substances which possess an antiphage activity with respect to a number of bacteriophages and actinophages. Nearly 90-98% of actinomycete cultures tested inhibited one or another actinophage, and ~41% bacteriophages. General mechanisms of actinomycete antiphage activity basically resemble the mechanisms of their antibacterial properties.

Card : 1/2

USSR/Virology. Bacterial Viruses.(Phages)

Abstr Jour: Ref Zhur-Biol., No 14, 1958, 62073.

Author : Rnutenashteyn, Ya. I.; Kofanova, N.D.

Inst :

Title : On the Isolation of Actinophages from the Soil.

Orig Pub: Mikrobiologiya, 1957, 26, No 3, 315-322.

Abstract: In the isolation of actinophages from black earth soil the most favorable results were obtained by introducing the experimental soil into flasks containing a fishbroth and with a subsequent maintenance of the flask on a shaker for 48 hours. Maintenance of flasks with the soil on the shaker for more than 48 hrs. led to a sudden decrease of the quantity of isolated phages. By maintaining the flasks with the soil in a stationary

Card : 1/2

*Inst Microbiology, AS USSR
Moscow*

5

~~RUUTENASHTEYN, YA. I.; KOFANOVA, N.D.~~

Method for the primary selection of Actinomyces inhibiting cancer cells. Antibiotiki 3 no.5:5-8 5-0 '58. (MIRA 12:11)

1. Institut mikrobiologii AN SSSR.

(CYTOTOXIC DRUGS,

antibiotic isolated from Actinomyces, selection of active strains (Rus))

(ANTIBIOTICS,

anticancer, prod. by Actinomyces, selection of active strains (Rus))

(ACTINOMYCETES,

prod. of anticancer antibiotics, selection of active strains (Rus))

30V/109-3-7-22/23

AUTHOR: ~~Kofanova, T. I.~~

TITLE: News Item : The Interdepartmental Seminar on Cathode Electronics (Khronika: Mezhdovedomstvenny seminar po katodnoy elektronike)

PERIODICAL: Radiotekhnika i elektronika, 1958, Vol 3, Nr 7, pp 973-975 (USSR)

ABSTRACT: The 8th Session of the Interdepartmental Seminar on Cathode Electronics took place on the 3rd March, 1958 in the Institute of Radioengineering and Electronics of the Soviet Academy of Sciences. Six papers were read and discussed. D. G. Bulyginskiy delivered a lecture on "The electron temperature of L-cathodes", while B. V. Bondarenko spoke on "The characteristics and the measurement of the thermionic constant A". A paper by I. I. Gofman dealt with "The investigation of field emission of SiC for the purpose of comparing the experimental data with the theory proposed by Stratton". O. B. Vorob'yeva delivered a lecture on "The problem of fatigue in complex photo-cathodes". The lecture of V. I. Fomina reported on the investigation of induced conductivity in thin films of Al_2O_3 , Se, ZnS and Sb_2S_3 and gave some experimental data. L. N. Dobretsov read the paper of

Card 1/2

SOV/109-3-7-22/23

News Item: The Interdepartmental Seminar on Cathode Electronics

M. V. Gomoyunova, which was concerned with the pulse investigation of the secondary emission of thin layers of NaCl.

1. Cathodes--USSR
2. Electronics--USSR
3. Scientific reports

Card 2/2

SOV/109-4-6-27/27

AUTHORS: Gor'kov, V.A., Kafanova, T.I.

TITLE: Inter-departmental Seminar on Cathode Electronics
(13th Meeting) (Meshduvedomstvennyy seminar po katodnoy
elektronike) (13-e zasedaniye) (New Item)

PERIODICAL: Radiotekhnika i elektronika, 1959, Vol 4, Nr 6,
pp 1067 - 1068 (USSR)

ABSTRACT: The meeting of the seminar took place on February 2, 1959,
at the Institut radiotekhniki i elektroniki AN SSSR
(Institute of Radiengineering and Electronics of the
Ac.Sc., USSR). The following lectures were delivered and
discussed:
M.I. Yelinson - "Investigation of the Field Emission of
Dielectrics Containing Admixtures";
A.I. Krokhina - "Destruction of the Dielectrics Subjected
to Ion Bombardment and Heating";
V.A. Shrednik - "Dependence of the Work Function of the
Thin-layer Cathodes on the Coverage Region";

Card 1/2

Inter-departmental Seminar on Cathode Electronics ^{SOY/109-4-6-27/27} (13th Meeting)

A.F. Rumyantsev - "Influence of the Temperature Processing on the Work Function of the Compounds Having High Melting Points".

The report gives comprehensive summaries of the lectures presented.

Card 2/2

Kordtsov

8/109/42/009/05/034/031
1100/0033

AUTHORS: Бессицкий, А.Я., Удильский, А.Ф., Шата, А.А.
Сорок, Е.С., Митрофанов, И.А., Зайцева, Л.А.
Полынов, Е.И., Глизицкий, А.А., Яков, А.В., Шпирок, С.В.
Шабалин, А.И. and General'chikov, A.A.

TITLE: Report on the Ninth All-Union Conference on Cathode
Emission

PERIODICAL: Радиотехника и электроника, 1960, Vol 5, No 5,
pp 864-879 (USSR)

ABSTRACT: This conference took place in Moscow from 21-28th October 1959 with the participation of Soviet scientists and guests from Hungary, Eastern Germany, the Chinese People's Republic and Czechoslovakia. The chairman of the organization committee was Academician Vokhobinsky. The report consists of brief abstracts of 187 papers presented at the plenary sessions and the sections of the conference. 17 Reports were presented in the section on surface properties of solids dealing with electron adsorption and structural properties of active surface films. Electron-optical studies of "patch fields" on emitting surfaces were discussed. 6 Papers on the

Card 1/3

physics of semiconductor cathodes were given in the section on thermionic emission. 17 Papers were presented in the section on photoelectric emission. Many papers discussed industrial technology of photocells and amplifiers. 16 Papers were presented at the section on secondary-electron emission. The section on field emission heard 11 papers discussing pulse field emission at high current densities, surface phenomena, field emission of semiconductors and the "anomalous" cathode. More than 20 papers and brief communications were presented at the section on properties, new types and technology of cathodes, relating to the technology of various types of cathodes, their behaviour in practical devices and the operating mechanisms of individual cathodes. 19 Papers were given at the section on interaction of solid bodies with streams of charged particles and residual gases. Dates of conference discussion indicated that several sharp and critical exchanges of views took place.

Card 2/3