

KUKULSKA, Zofia

Premature closure of the cranial sutures. Folia med. Cracov.
6 no.4:553-584 '64.

POLAND/Microbiology - Microorganisms Pathogenic to Humans
And Animals.

F-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43328

Author : Kukulska, T.

Inst : -

Title : Frequency of Finding Precipitinogen C_A in Viridans Streptococci.

Orig Pub : Zesz nauk. Univ. lodzk., 1956, Ser. 2, No 2, 37-41.

Abstract : From 257 strains of viridans streptococci, isolated from the pharynxes of healthy individuals, a polysaccharide was obtained by the Lensfield method. Serological properties of polysaccharides were checked by anti-C_A-serum (the methods for isolating polysaccharides, obtaining the antiserum, and arrangements for the precipitation reaction are given). 10.5% of the studied strains of viridans streptococcus belonged to group A, judging by the properties of the precipitinogen (polysaccharide) isolated.

Card 1/2

POLAND/Microbiology - Microorganisms Pathogenic to Humans
and Animals.

F-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43328

These strains did not differ in their biochemical pro-
perties from other strains which did not contain preci-
pitinogen C_A.

Card 2/2

KUKULSKA, TERESA

GOSCICKI, Janusz; KUKULSKA, Teresa; STEMPIEN, Ryszard

Behavior of anti-Vi antibodies during typhoid fever. Przegł.
epidem., Warsz. 10 no.4:325-332 1956.

1. Z Zakładu Mikrobiologii Szczegolowej U. L. Kierownik:
prof. dr. B. Zablocki i z Kliniki Chorob Zakaźnych A.M. w
Lodzi Kierownik: prof. dr. A. Goldschmied.

(TYPHOID FEVER, immunol.
behavior of anti-Vi antibodies (Pol.))

KUKULSKA-GOSCICKA, Teresa

Immunological phenomena in tissue transplantation. Postepy hig.
med.dosw. 13 no.5:531-540 '59.
(TRANSPLANTATION)

KUKULSKA-GOSCICKA, Teresa

Immunological tolerance and tissue transplantation. Postery
hig.med.dow. 13 no.6:665-675 '59.
(TRANSPLANTATION immunol)

KUKULSKA-GOSCICKA, Teresa

Immunological reactivity to streptococcus antigens in rabbits.
Nauki matem przyrod Lodz no.14:7-13 '63.

1. Katedra Mikrobiologii, Uniwersytet, Lodz.

ZABLOCKI, Bernard; KUKULSKA-GOSCICKA, Teresa

Further studies on the frequency of Staphylococci strains resistant to antibiotics occurring isolated from patients and carriers. Nauki matem przyrod Lodz no.7:183-189 '60.

1. Katedra Mikrobiologii Szczegolowej, Uniwersytet, Lodz.

ZABLOCKI, Bernard; KUKULSKA-GOSCICKA, Teresa; BEDNAREK, Zofia;
KOZLOWSKI, Bronislaw

Frequency of the occurrence of staphylococcal infections in
patients as seen from one hospital ward for traumatic surgery.
Nauki matem przyrod Lodz no. 15: 3-27 '63.

1. Katedra Mikrobiologii, Uniwersytet, Lodz, i Klinika
Chirurgii Urazowej i Ortopedii, Wojskowa Akademia Medyczna,
Lodz.

*

ISPIRYAN, G.P., kand. tekhn. nauk; KUKULYAN, S.P., inzh.; MALKIMAN, Ye.I.,
inzh.; SHIROKOV, B.G., inzh.

Tanning hides in butts divided into two portions, Leg. prom. 18 no.3:
11-12 Mr '58. (MIRA 11:4)

(Tanning)

L 5237-66 EWT(1)/EWA(j)/EWA(b)-2 JK

ACC NR: AP5025974

SOURCE CODE: UR/0250/65/009/003/0550/0551

AUTHOR: Kukul'yanskiy, A.A.; Gabrilovich, I.M.

33
B

ORG: Minsk State Medical Institute (Minskiy gosudarstvennyy meditsinskiy institut);
Belorussian State University Im. V.I. Lenina (Belorusskiy gosudarstvennyy universitet)

TITLE: Dependence of the nucleotide composition of bacterial DNA on the lysogenic state of bacteria

SOURCE: AN BSSR. Doklady, v. 9, no. 8, 1965, 550-551

TOPIC TAGS: DNA, bacteria, virus, bacteriophage, bacterial genetics

ABSTRACT: The study was undertaken in order to determine the dependence of the strain differences in the DNA composition of Klebsiella scleromatis on the lysogenic state and the type of bacterial virus. To this end, lysogenic cultures were obtained by lysogenesis by phages of various types of the phagesensitive strain Klebsiella scleromatis 380, whose lysogenesis could not be established previously. In the six artificially lysogenic strains thus obtained, the DNA composition was determined and compared with the composition of the original culture No. 380. It was found that (1) DNA of 380/483 strain differs substantially from the DNA of the original culture in total content of adenine and thymine, and (2) DNA of the 380/C strain is characterized by a considerable thymine deficit. The paper was presented by Academician V.A. Leonov of the AN BSSR. Orig. art. has: 1 table.

0901 1351

Card 1/2

L 5237-66

ACC NR: AP5025974

SUB CODE: LS, CB / SUBM DATE: 20Oct64 / ORIG REF: 003 / OTH REF: 000

8

PC

Card 2/2

GABRILOVICH, I.M.; KUKULIANSKIY, A.A.

Chemical specificity of the desoxyribonucleic acid from bacteria
of the *Flasbiella* genus. *Zhur.mikrobiol., epid. i immun.* 42
no.10:138 Q '65. (MIRA 18:11)

1. Minskij meditsinskiy institut i Belorusskiy gosudarstvennyy
universitet imeni V.I.Lenina. Submitted September 28, 1964.

KUKULYANSKIY, B.A.

Need for a unified standard for stamping dies. Standartizatsia no.1:
77 Ja-Fe '56. (MLRA 9:2)

1. Nachal'nik Byuro normalizatsii i standardizatsii Uslovsikogo mashi-
nostroitel'nogo zavoda glavnogo upravleniya mekhanizatsii stroitel'-
stva. (Dies (Metalworking)--Standards)

KUKULYANSKIY, B. A.

Mine car standards. Standartizatsiia, no.5:82 S-0 '56. (MIRA 10:1)

1. Nachal'nik Byuro normalizatsii i standartizatsii Uzlovskogo mashinostroitel'nogo zavoda "Glavstroymekhanizatsiya."
(Mine haulage)

KUKULYANSKIY, B.A., inzhener.

Designs of metal structures. Standartizatsiia no.2:84 Mr-Ap '57.
(MIRA 10:6)

1. Uzlovskiy mashinostroitel'nyy zavod.
(Mechanical drawing--Standards)

EYDERMAN, B.A., inzh.; KUKUNIN, V.A., gornyy inzh.-elektrotekhnik

KSK-30 sectional scraper conveyer with annular link chains.
Ugol' 35 no.10:53-54 0'60. (MIRA 13:10)

1. Khar'kovskiy zavod "Svet shakhtera" (for Eyderman). 2. Shakhta im. S.M.Kirova kombinata "Slantsy" (for Kukunin).
(Conveying machinery)

KUKUNOV, I. M.

KUKUNOV, I. M. Open-pit mining. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1949.
246 p. (50-38795)

TN291. X8

KUKUNOV, I.M.

Busenje rupa za mine na dnevnim kopovima. Beograd, Izd. Ministarstva rudarstva
(1950) 143p. (Boring blast holes in strip mining. illus., tables)

SO: East European Accessions List, Vol 3, No 3, Aug 1954

RUKUNOV, I. K.

Razrabotka nestorozhdeniy nerudnykh iskopavomykh (Exploitation of Nonmetallic Mineral Beds). Promstroizdat.

The booklet describes open-pit mining methods which are of prime significance to the mineral industry, including basic information on subsurface methods of exploitation of nonmetallic mineral beds. Considerable space is taken up by the problem of mechanization of mining work, based on utilization of latest high-productivity machines (excavators, scrapers, stone cutting machines, excavating pumps, combines, and others), manufactured by Soviet factories. The booklet also describes the role of Soviet scientists, innovators, and production Stalhanovites in the development of the mining industry.

The booklet is intended for students of mining technical schools.

SO: Sovetskive knigi (Soviet Books), No. 186, 1953, Moscow, (U-6472)

BASMANOV, V.A.; BOROVIK, I.P.; GUSEV, S.G.; DOKUCHAYEV, M.M.; KUKUNOV, I.M.; PETROV, S.P.; DORONICHEVA, L.A., nauchnyy red.; FEDOROVA, T.N., red.izd-va; GILSON, P.G., tekhn.red.; RUDAKOVA, N.I., tekhn.red.

[Opencast mining and blasting operations] Otkrytye gornye i vzryvnye raboty. Pod red. I.M.Kukunova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 335 p.
(MIRA 13:4)

(Strip mining)

(Blasting)

KUKUNOV, Ivan Mikhaylovich; CHESNOKOV, M.M., kand.tekhn.nauk, nauchnyy red.; GOMOZOVA, N.A., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Working of nonmetallic mineral deposits; special course]
Razrabotka mestorozhdenii nerudnykh iskopaemykh; spetskurs.
Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.mate-
rialam, 1960. 235 p. (MIRA 13:12)
(Nonmetallic minerals) (Quarries and quarrying)

ASSONOV, V.A.; DOKUCHAYEV, M.M.; KUKUNOV, I.M.; NIKOLAYEV, N.A., retsenzent;
ROSSI, B.D., retsenzent; SINYAKIN, P.V., retsenzent [deceased];
DEMIDYUK, G.P., kand.tekhn.nauk, nauchnyy red.; GOMOZOVA, N.A.,
red.izd-va; SEEPANOVA, E.S., tekhn.red.; RUDAKOVA, N.I., tekhn.red.

[Boring and blasting operations] Burcvzryvnye raboty. Moskva, Gos.
izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1960. 406 p.
(MIRA 13:5)

(Boring)

(Blasting)

SHVARTS, A.S., arkhitekto; KUKUNOV, P.M., inzh.; DOBRYNIN, S.N., inzh.;
DRAMPOV, V.K., inzh.; KHLUSOV, I.Ye., kand.tekhn.nauk; POVALYAYEV,
M.I., kand.tekhn.nauk; SHOLOKHOV, V.G., inzh.; TEMKIN, L.Ye., inzh.,
red.; STRASHNYKH, V.P., red.izd-va; GOL'EERG, T.M., tekhn.red.

[Temporary instructions for designing and constructing flat
tar-paper roofs of industrial buildings] Vremennye ukazania po
proektirovaniu i ustroistvu ploskikh tolevykh krovvel' zdaniy
promyshlennykh predpriyatii SN 112-60. Moskva, Gos.izd-vo lit-ry
po stroit., arkhit. i stroit.materialam, 1961. 23 p.

(MIRA 14:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroi-
tel'stva. 2. Promstroyproyekt (for Shvarts, Kukunov, Dobrynin,
Drampov). 3. Nauchno-issledovatel'skiy institut stroitel'noy fiziki
i ograzhdayushchikh konstruksiy Akademii stroitel'stva i arkhitektury
SSSR (for Khlusov, Povalyayev, Sholokhov).

(Roofs)

EYDUK, Yu.Ya., kand. khim. nauk; KUKUR, O.K., kand. khim. nauk

Defects occurring during the application of easily melted
frit. Stek. i ker. 20 no.7:33-36 JI '63. (MIRA 17:2)

1. Rizhskiy politekhnicheskii institut.

ANDROVIC, A.; KUKIJA, A.

Headache and its therapy according to the Pavlovian theory. Cas.
lek. cešk. 92 no. 3:57-62 16 Jan 1953. (CJML 24:1)

KUEURA, A. (Trnava, OUNZ)

Etiological therapy of leg ulcers. Lek.obzor 3 no.9:509-515 1954.

1. Z chir. oddelenia OUNZ v Trnave.
(LEG, ulcers,
ther., etiol. factors in)

KUKURA, A.

KUKURA, A.; LITOMERICKA, T.

Experience in surgical treatment of pain. Neur. psychiat. cesk. 17
no.5:296-302 Oct 54.

1. Chir. odd. GUNZ Trnava; predn. doc. Dr. A.Kukura.
(PAIN, surgery
indic., Pavlovian theory)

KUKURA, A.; LITOMERICKA, T.; JACZ, K.

Post-thrombophlebitic syndrome. Bratisl. lek. listy 35 no.6:
337-346 1955.

1. Z Chir. odd. OUNZ v Trnave, predn. doc. MUDr. A. Kukura.
(THROMBOPHLEBITIS, complications,
post-thrombophlebitic synd.)

KUKURA, A.; LITOMERICKA, T.

Principles of the treatment of open brain injuries. Rozhl. chir. 41
no.9:623-627 S '62.

1. Chirurgické oddelenie OUNZ nemocnice s poliklinikou v Trnave,
prednosta doc. dr. A. Kukura.

(BRAIN INJURIES ACUTE)

KUKURA, J.

KUKURA J.

Zdravotnicka sluzba na TM v roku 1949. [Health services of the Youth Front in 1949] Bratisl. lek. listy 30:4-5 Apr-May 50 p. 410-21.

1. Of the Hygienic Institute of the Medical Faculty of the Slovak University (Head—Prof. Vojtech Mucha, M. D.).

KUKURA, J.

HECKO, I., zapovedny vyskumny pracovník; SINTAJ, M.; HLAVATY, J.; KUKURA, J.;
 LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; MULLER, M.;
 VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9:
 1021-1045 Sept 54.

1. Z Krajskeho detskeho ustavu narodneho zdravia v Bratislave, riaditel dr. A.Novak (for Hecko, Sintaj, Hlavaty) 2. Z Hygienickeho ustavu LFSU v Bratislave, prednosta akademik V.Mach, a z Ustavu hygieny, oblastneho ustavu pre Slovenko v Bratislave, riaditel doc. dr. P.Macuch (for Kukura, Lipkova, Sevcikova, Grunt) 3. Z Ustavu pre vyskum vyzivy ludu v Bratislave, prednosta dr. A.Bucko. (for Gazo, Muller) 4. Z Vyskumneho ustavu epidemiologie a mikrobiologie v Bratislave, riaditel dr. J.Karolcek, z oddelenia pre parazitologiu, prednosta dr. M.Dziuban.

Spolupracovníci: a) z detskej kliniky: M.Krupska a skupina medikov (v ramci studentskej tvorivosti), V.Bohmerova, M.Cernacek, V.Kovac, D.Krivosova, M.Lickova, t.c. uz doktori mediciny. Pred zaciatkom vyskumnej prace riaditel KUNZ dr. A.Novak vykonal instruktaz medikov: b) z Hygieniko-epidemiologickej stanice UNV Bratislava M.Zatkova c) z jasiel 1. na Blahovej ulici c.4.: M.Hlebakova (veduca sestra), J.Benedekova, G.Skotnarova, A.Nozkova, M.Jakovicova, H.Oriskova, V.Feherova; 2. na Feriencikovej ulici c. 6: H.Nemcekova (veduca sestra), M.Slobodova, N.Dobrotkova, A.Maconauerova, B.Stabelova.

(Continued on next card)

HECKO, I., zapovedny vyskumny pracovník; SINTAJ, M.; HLAVATY, J.; KUKURA, J.;
LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAYO, M.; MULLER, M.;
VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9:
1021-1045 Sept 54 (Card 2)

d)z Hygienického ustavu LFSU a z Ustavu hygieny: O.Cikova,
I.Rozholdova, L.Haragova, M.Jurcova, T.Orthova; e)z Ustavu pre
vyskum vyzivy ludu: M.Popik, A.Kohutova, I.Sintajova, M.Krcnava;
P.Ambrova, J.Kollarik, M.Asztalosova.

(COMMUNICABLE DISEASES, in infant and child,
prev. in nurseries)

(INFANTS,
nurseries, prev. of communicable dis.)

13

Prague, Československii Hygienik, Vol. VII, No. 2/3, April 61
 Copyright: Vite Publishing House of Medical Literature
 Copyright: Statni zdravotnické nakladatelství, Prague, 1963

1. "Congress of Hygienists Concerned with Children and Adolescents in Novy Spokolec, 1961, Inaugural Address." Docent J. KUKURA, MD; p 63.
2. "Hygiene of Children and Youth in Czechoslovakia, 1959-1961." Bratislav JAMKA of the Faculty of Medical Hygiene, III Karlova university, Charles University (Ceskaška 16, Kultura hygienicka MD), Prague; pp 66-71. [English summary]
3. "Meeting of the Commission on the Hygiene of Children and Youth." Docent Frantisek JAMKA, MD, Disc. of the Institute of Hygiene (Ustav Hygieny). Prague; p 71.
4. "Development of Children Under Different Conditions of Living." Vladislav FLEJŠEK of the Institute of Hygiene, Prague; pp 72-83. [English summary]
5. "Harmonious Development of Children Up to Three Years of Age." Miroslav FLEJŠEK, of the Institute of Hygiene, Prague; pp 84-94. [English summary]
6. "Analysis of the Body Length and Weight in Children of the Preschool Age." I. REJZKO and V. ČADCOVA, of the Institute of Hygiene, Bratislava; pp 95-102. [English summary]
7. "Study of the Manipulation Functions of the hand in Children in Kindergarten." O. AROCHVA of the Institute of Hygiene, Bratislava; pp 103-106. [English summary]
8. "The Choice of Toys With Regard to the Age and Sex of Children of the Preschool Age." J. KROČENKA of the Institute of Hygiene, Prague; pp 107-112. [English summary]
9. "The Growth Values in Children of School Age From Two Selected Areas of Slovakia." V. ČADCOVA of the Institute of Hygiene, Bratislava; pp 113-121. [English summary]
10. "Growth Dynamics in the Hand of Young People." Václav REJZKO, of the Institute of Hygiene, Prague; pp 122-126.
11. "Relation Between the Employment Milieu and the Dynamics of Physical Development in Working Youth and Students." J. VIKOVA and O. KROČENKA of Ustav zdravotnické literatury, Prague; pp 127-131. [English summary]

KUKURA J

2

Prague, Československé studium, Vol VII, No 2, 3, April 61 (continued)

Students at the Twelve-Year Secondary Schools, Prague, 1970. [English summary]

28. "Some Functional Changes in organization of the Czech School During their work in the Co-operation Institute." Journal of the Institute of Education and Pedagogical Research, Prague, 1970. [English summary]

29. "Study of the Effect of the Introduction of Work Education into the Curriculum." J. Kocianka, of the Chair of the Systems and Nutrition of Children and Adolescents of the Faculty of Education, Charles University, Faculty of Education, Prague. [English summary]

30. "Physical Development of Children in the Country Schools of the Former Czechoslovakia." Práce Ústavu pro výzkum lidské genetiky, Praha, 1970. [English summary]

31. "Fogek Air for Children During the Break and the Problem of Powder Manifestations of Patients." Vlastislav Štěpánek, of the Chair of the Hygiene and Nutrition of Children and Adolescents, Faculty of Medical Sciences, Masaryk University, Prague. [English summary]

32. "Application of Bourdon's Test in the Study of the Changes of Respiratory System." Práce Ústavu pro výzkum lidské genetiky, Praha, 1970. [English summary]

33. "Conclusions of the Conference. Its Evaluation." Práce Ústavu pro výzkum lidské genetiky, Praha, 1970. [English summary]

2050

KUKURA J.

MUCHA, V.; KUKURA, J.

On the development of teaching and education in hygiene by the
medical faculty of Komensky University in Bratislava. Cesk. hyg.
7 no17:399-403 Ag '62.

1. Ustav hygieny Lekarskej fakulty Univerzity Kcmenskeho v Bratislave.
(HYGIENE education)

KUKURA, J.

60th anniversary of Academician Vojtech Mucha. Bratisl. Lek. Listy 12
no.1:3-5 '62.

(BIOGRAPHIES)

KUKURA, J.; MIKLETIC, T.; NEUSCHL, S.; STEPANEK, S.

Contribution to a method for the study of teaching processes.
Bratisl. Lek. Listy 42 no.1:15-26 '62.

1. Z Ustavu hygieny Lek. fak. Univ. Komenskeho v Bratislave, veduci akademik V. Mucha, z Katedry automatizacie a regulacie Elektrotechnickej fakulty SVST v Bratislave, veduci prof. dr. inz. M. Salamon, a z Ustavu pro lekarsky film a fotografii Lek. fak. Univ. Komenskeho v Bratislave, veduci S. Stepanek.
(EDUCATION)

KUKURA, J.; MIKLETIC, T.; BAJUZIKOVA, A.; NEUSCHL, S.; STEPANEK, S.

Use of the reaction time, assessed cinematographically, for investigating the process of training. Cesk. hyg. 8 no.4: 202-211 My '63.

(CENTRAL NERVOUS SYSTEM) (REACTION TIME)
(MOTION PICTURES) (HEARING)
(VISUAL PERCEPTION) (PSYCHOLOGY, EDUCATIONAL)

KUKURA, J.; MIKLETIC, T.; NEUSCHL, S.; STEPANEK, S.; technicka spolupraca:
JANCOVA, M.; IVANICOVA, E.

Contribution to the study of some life manifestations in students of the 7th class during the course of learning. Bratisl. lek. listy 2 no.10:610-619 '63.

1. Ustav hygieny Lek.fak. Univ. Komenskeho v Bratislave (veduci: akademik V.Mucha); Katedra automatizacie a regulacie Elektrotechnickej fakulty SVST v Bratislave (veduci: prof.dr. inz. M.Salamon) a Ustav pre lekarsky film a fotografiu Lek. fak. Univ. Komenskeho v Bratislave (veduci: S.Stepanek).

KUKURA, J.

The relation of child and adolescent hygiene to hygiene in general. *Cesk. hyg.* 4 no.5:288-289 Je'64

Methods used in the study of environmental factors. *Ibid.*:295-296.

1. Katedra hygieny Lekarskej fakulty UK (University Komenského), Bratislava.

KUKURA, J.; MIKLETIC, T.; NOSKOVA, T.; NEUSCHL, S.; SOBOTA, E.

Group astography in the study of the pedagogic process. Bratisl.
lek. listy 44 no.9:513-517 15 N '64

1. Katedra hygieny Lek. fakulty Univerzity Komenskeho v Bratislave
(veduci katedry akademik prof. MUDr. V. Mucha, DrSc.) a Katedra
automatizacie a regulacie Elektrotechnickej fakulty Slovenskej
vysokej skoly technickej v Bratislave (veduci katedry prof. dr.
inz. M. Salamon, nositel Radu prace).

L 12940-66

ACC NR: AP6005675

SOURCE CODE: CZ/0079/65/007/002/0186/0186

AUTHOR: Kukura, J.; Mikletic, T.; Neuschl, S.; Stepanek, S.

10
B

ORG: Department of Hygiene, Medical Faculty, Comenius University, Bratislava

TITLE: Cinematographic method of recording reaction time in pupils under normal school conditions [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: *Activitas nervosa superior*, v. 7, no. 2, 1965, 186

TOPIC TAGS: man, psychology, behavior pattern

ABSTRACT: The authors describe an arrangement that allows recording of the reaction time without disturbing the normal course of lessons. Reaction time measurements were made with pupils in the 4th, 7th, and 10th grades. Reaction times return to the level of the beginning of the school day at the start of the fourth period, after slowing down during the day. [JPRS]

SUB CODE: 05, 06 / SUBM DATE: none

Card 1/1 HW

L 12942-66

ACC NR: AP6005676

SOURCE CODE: CZ/0079/65/007/002/0187/0188

14
B

AUTHOR: Kukura, J.; Mikletic, T.; Noskova, T.; Sobota, E.

ORG: Department of Hygiene, Medical Faculty, Comenius University, Bratislava

TITLE: Continuous recording of motor activity in pupils during lessons by means of a seat electrograph [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 187-188

TOPIC TAGS: bodily fatigue, man, psychology, behavior pattern

ABSTRACT: First symptoms of fatigue are manifested by an increase in motor activity. From the functional aspect of the cerebral cortex this phenomenon is called protective excitation. The authors describe an arrangement which they designed to register the movements of pupils on school benches. The number of movements increased from the 1st to the 3rd lesson; there was a drop in the 4th lesson. In individual lessons the number of movements decreased up to the 15-20th minute, and then began to increase again. Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 06, 05 / SUBM DATE: none / ORIG REF: 002

Card 1/1 HW

CZECHOSLOVAKIA

KUKURA, J.

Chair of Hygiene of the Medical Faculty of Charles University
(Katedra hygieny Lekarskej fakulty UK), Bratislava

Prague, Ceskoslovenska Hygiena, No 5, 1964, pp 288-289

"The Relation of Child and Adolescent Hygiene to Hygiene
in General."

CZECHOSLOVAKIA

MUNERA, J.

Chair of Hygiene of the Medical Faculty of Charles Uni-
versity (Katedra hygieny lekarskej fakulty UK),
Bratislava

Prague, Jeskoslovenska Hygiene, No 5, 1964, pp 295-296

"Methods Used in the Study of Environmental Factors."

KUKURA, S.

Prevention of peritonitis in surgical therapy of acute abdomen.
Bratisl. lek. listy 34 no.3:274-277 Mr '54.

1. Z Chir.odd. OUNZ v Michalovciach, prednosta primar dr. S.Kukura.
(ABDOMEN, ACUTE, surgery,
*peroperative prev. of peritonitis)
(PERITONITIS, prevention and control,
*in surg. of acute abdomen)

KUKURA, Stefan; MASIN, J.; REZUCHA, M.

Mediastinal bronchogenic cysts. Rozhl. chir. 36 no.11:760-762 Nov 57.

1. Chirurgické odd. OUNĚ v Michalovciach, prednosta Stefan Kukura.
(MEDIASTINUM, cysts
bronchogenic, surg. (Cz))

KUKURA, Stefan; REZUCHA, Milan

Arteriography in acute & chronic osteomyelitis. Rozhl. chir. 37 no.4:
273-275 Apr 58.

1. Chirurgické oddelenie OUNZ v Michalovciach, prednosta MUDr. Stefan
Kukura. S. K., Michalovce, OUNZ.

(ANGIOGRAPHY, in various dis.

arteriography in acute & chronic osteomyelitis (Cz))

(OSTEOMYELITIS, diag.

arteriography (Cz))

KUKURA, S.; REZUCHA, M.; JUHAS, S.; FAJTA, K.; BOZO, S.

Some conclusions from the analysis of injuries of the trunk and extremities. Bratisl. Lek. Listy 2 no.11:666-673 '61.

1. Z chirurgického oddelenia OUNZ v Michalovciach, prednosta primar MUDr. S. Kukura.

(EXTREMITIES wds & inj) (ACCIDENTS)

KUKURECHENKO, I.S.; SUKHAHEV, N.G.; SHOKIN, I.N.; KRASHENINNIKOV, S.A.;
PODOSINKIN, P.A.; POSTORONKO, A.I.; TROYNIK, G.G.

Decarbonization of sodium bicarbonate in a semi-industrial
column with submerged packing. Trudy MKHTI no.40:186-190
'63. (MIRA 18:12)

KUKURECHENKO, I.S.; SHOKIN, I.N.

Decarbonization of sodium bicarbonate suspensions in a
column with submerged packing. Trudy MKHTI no.40:182-
185 '63. (MIRA 18:12)

ROUMANIA/Optics -

K-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 7291

Author : Kukurezyanu, I.

Inst : -

Title : Raman Spectra of Equimolecular Aqueous Solutions of Acetic Acid

Orig Pub : Rev. phys. Acad. RFR, 1958, 3, No 3-4, 239-245

Abstract : On the basis of an investigation of the character of the redistribution of intensity between components (1674, 1712, and 1754 cm^{-1}) of the Raman lines of the C = O bond in aqueous solutions of acetic acid, the author has established the forms of associations both between the molecules of the acid, and between the molecules of the acid and the water, on the basis of the hydrogen bonds. Conclusions from spectroscopic data are confirmed by the character of the dependence of the density of the solution of the concentration. Bibliography, 8 titles. -- V.M.

Pivovarov

Card 1/1

- 154 -

AGYRBICHANU, I.; KUKUREZYANU, I.; VASILIU, V.; POPESKU, I.

Effect of nitrogen on excited mercury atoms. Opt. i spektr.
11 no.2:289-290 Ag '61. (MIRA 14:8)
(Photoelectric measurements)
(Mercury)

24.6850

24.611

S/051/63/014/001/003/031
E032/E514

AUTHORS: Agarbichanu, I., Kukurezyanu, I., Popesku, I. and Vasiliu, V.

TITLE: Determination of the average lifetime of excited states by a polarimetric method

PERIODICAL: Optika i spektroskopiya, v.14, no.1, 1963, 18-22

TEXT: The mean lifetimes of the 7^3S_1 states of Hg and the $3^2P_{3/2}$ of Na were determined by measuring the depolarization of fluorescence in a magnetic field using a polarimetric method. The apparatus employed is illustrated in Fig.1 in which S is the source of radiation, L_1 , L_2 , L_3 are lenses, P_1 , P_2 are polaroids, C is the sample container, M^3 is a monochromator and D is a photomultiplier. In the experiment a measurement was made of the reduction in the degree of polarization of the fluorescence when the magnetic field H was increased, with the direction of propagation of the exciting radiation and the light vector perpendicular to the field. This reduction in the polarization is a unique function of the mean lifetime (P. Pringsheim, Fluorescence and Phosphorescence. Interscience Publ. Inc., N.Y. 1949).
Card 1/2

VA

Determination of the average ...

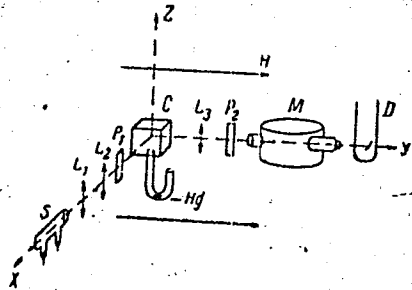
S/051/63/014/001/005/031
E052/E514

The result obtained for the mercury triplet $\lambda = 4047, 4358$ and 5461 \AA was found to be 0.48 ± 0.04 , 0.52 ± 0.04 and 1.25 ± 0.7 , respectively (in units of 10^{-8} sec). The results for the resonance radiation of sodium (5890 \AA) was found to be $(1.595 \pm 0.4)10^{-8}$ sec. There are 4 figures and 2 tables.

✓A

SUBMITTED: April 24, 1962

Fig.1



L 12904-65 EWT(1)/EEG(t) IJP(c)/AFWL/SSD/AFETR/ASD(t)-5/RAEM(c)/ESD(gs)/
ESD(t)
ACCESSION NR: AP4047169 S/0051/64/017/004/0475/0482

AUTHORS: Agy*rbichanu, I. I.; Popescu, I. M.; Kukurezyanu, I.
Vasiliu, V. B

TITLE: Magnetic resonance of the level 7^3S_1 of Hg^I

SOURCE: Optika i spektroskopiya, v. 17, no. 4, 1964, 475-482

TOPIC TAGS: magnetic resonance, mercury, energy level, magneto-
mechanical ratio, polarization, resonance line shape

ABSTRACT: The method used in the investigation is the double radio-
optical resonance method proposed by Brossel and Kastler (Compt. rend.
v. 229, 1213, 1949). The experimental set-up is similar to that
previously described by Brossel and Julienne (Compt. rend. v. 242,
2127, 1956). The magneto-mechanical ratio and the level lifetime
of magnetic resonance of the 7^3S_1 Hg^I level were determined by in-
vestigating the degree of polarization of the 4358 and 4047 Å lines,

Card 1/3

L 12904-65
ACCESSION NR: AP4047169

0

with an alternating magnetic field of resonant frequency applied to the system. The resonance lines obtained by measuring the degree of polarization of the 4358 Å line at a nitrogen pressure 6 mm Hg have a Lorentzian shape, in agreement with the theoretical data of Brossel (Ann. de physique v. 7, 622, 1952). A variation of the mercury vapor pressure from 2×10^{-4} to 1.7×10^{-3} mm Hg does not lead to a change in the half-width and the shape of the resonance line. A change in nitrogen pressure from 6 to 22 mm Hg broadens the resonance line and changes its shape, making registration of the resonance possible only at the higher frequency of the radio frequency field. The degree of polarization of the 4047 Å line change less during resonance than the degree of polarization of the 4358 Å radiation. The average lifetime determined in this manner agrees with the value obtained by another exact method (E. Braunen et al, Nature, v. 175, 830, 1955; Bull. Am. Phys. Soc. v. 30, 32, 1955). The experimentally obtained Lande factor also agrees with the calculated theoretical value. An important result is the clarification

Card 2/3

L 12904-55

ACCESSION NR: AP4047169

of the effective collisions between the nitrogen molecules and the excited atoms of the 7^3S_1Hg^I on the average lifetime of this level. Resonance in this state was observed for the first time by measuring the degree of polarization of the 4047 Å line. Orig. art. has: 4 figures and 2 formulas.

ASSOCIATION: None

SUBMITTED: 14Oct63

SUB CODE: OP, EM

NR REF SOV: 002

ENCL: 00

OTHER: 015

Card 3/3

DOBIN, Mendel' Aronovich, prof.; KUKURICHEV, Pavel Ivanovich, prof.;
POLYAKOV, P.Ya., red.; VARANOVA, L.G., tekhn. red.;
FRIDMAN, Z.L., tekhn. red.

[Laboratory manual on veterinary pathological anatomy and
autopsy] Praktikum po veterinarnoi patologicheskoi anatomii
i vskrytiiu. Leningrad, Sel'khozizdat, 1963. 239 p.

(Veterinary pathology) (Autopsy)

(MIRA 16:7)

KUKURIN, I.M., aspirant

Capacitive component of a ballast resistance. Sbor. trud. IIZHT no.205,
84-90 '63. (MIRA 1821)

I A KUKURITE

"Development of a Dilatometric Method for Measuring the Coefficient of Expansion of Materials in the Temperature Range from 20 to 1,000°C" from Annotat-ions of Works Completed in 1955 at the State Union Sci. Res. Inst. Min. of Radio Engineering Ind.

So: B-3,080,964

L 51516-65 EWT(m)/EPF(c)/ENP(j)/T Pc-l/Pr-l RM

ACCESSION NR: AP5015313

UR/0286/65/000/009/0071/0072
678.84

24
B

AUTHOR: Kukurite, I. A.; May, L. A.; Matveyeva, I. A.; Vitola, V. A.;
Dreymanis, Ya. A.

TITLE: A method for producing organosilicon polymers. Class 33, No. 170687

SOURCE: Byulleten izobreteniy i tovarnykh znakov, no. 9, 1965, 71-72

TOPIC TAGS: organosilicon polymer, alkylchlorosilane, hydrolysis, polycondensation

ABSTRACT: This Author's Certificate introduces a method for producing organosilicon polymers by esterification with alkylchlorosilane alcohols. The resulting products are then subjected to hydrolysis and polycondensation with the application of heat. A wider selection of organosilicon polymers of this type is produced by using a mixture of ethylchlorosilane and trimethylchlorosilane.

ASSOCIATION: Rishkiy priborostroitel'nyy zavod (Riga Instrument Plant);
Institut khimii AN Latvyskoy SSR (Chemical Institute AN Latvia SSR)

Card 1/2

L 51516-65

ACCESSION NR: AP5015313

SUBMITTED: 22Apr64

ENCL: 00

0
SUB CODE: 00, GC

NO REF SOV: 000

OTHER: 000

W
Card 2/2

RUSSOV, O.

"School year of the Voluntary Civil Defense Organization."
Radio, Sofiya, Vol 2, No 11, 1953, p. 8

SO: Eastern European Accessions List, Vol 3, No 10, Oct. 1954, Lib. of Congress

KURUROV, G.

"Elementary training by ear of wireless operators."
Radio, Sofiya, Vol 2, No 11, 1953, p. 9

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"First International Meeting on Radiotelegraphy."
Radio, Sofiya, Vol 2, No 11, 1953, p. 11

30: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

KUKUROV, O.

September 9th and the Radio Amateur Movement. RADIO (Radio) #9:4:Sep 54

KUKUROV, A.

Preparation and Participation in the Short-Wave Competitions. Radio
Engineering, #5:14:May 55

KUKUROV, O.

The Path of Radio Amateurs to Master HF Technics. "RADIO" Ministry of Communications, #10:10:Oct. 55

KUKUROV, O.

Further development of amateur radio. p. 9.

RADIO. Vol. 5, no. 2, 1956

Sofia, Bulgaria

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

KUKUROV, O.

KUKUROV, O. Results from the international short-wave radio competition. p. 3.
Vol. 5, no. 8, 1956 ELEKTROENERGIJA. Sofia, Bulgaria

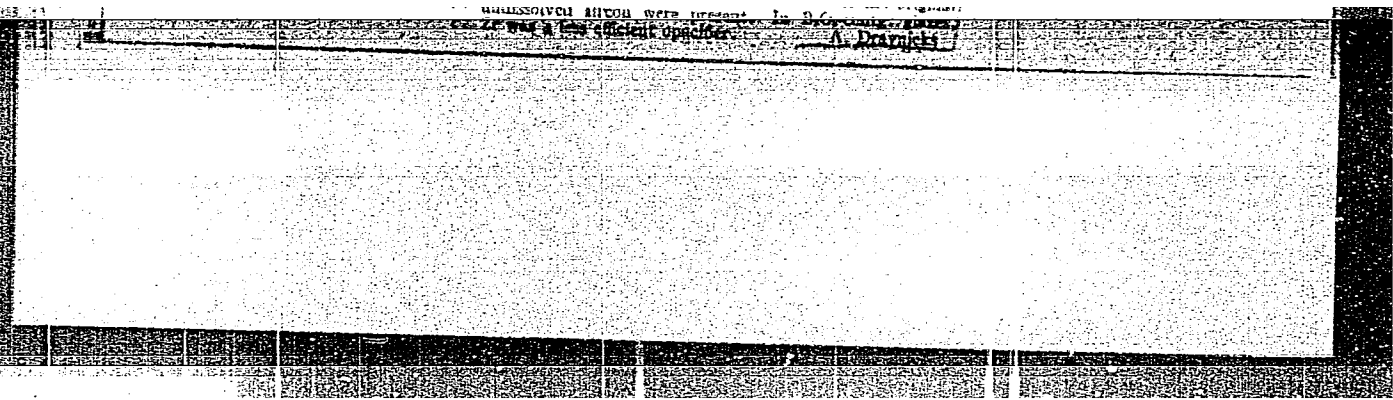
SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

KUKUROV, O.

International competitions in radio-telegraphy. p. 3.
(Radio, Vol. 5, no. 12, 1956, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

Mato
* Opaque ceramic glazes with zirconium content
Vaišads, A. Lipiņš, and O. Kukriņš. *Latvijas PSR Zinātnes
Akad. Vēstis* 1954, No. 8, 421-9 (Russian summary, 130).
The effect of Zr on properties of ceramic glazes was investi-
gated on the basis of two compns. (compos. No. 2 in paren-
theses): K_2O 0.40 (0.20-0.43), K_2O 0.10 (0), CaO 0.10
(0.20-0.25), B_2O_3 0.03 (0.10-0.22), ZnO 0.32 (0.10-0.25),
 Al_2O_3 2.10 (0.20-0.33), SiO_2 3.00 (2.20-2.51), F 0.30 (0),
 B_2O_3 1 (1.25-1.60), ZrO_2 0.15-0.35 (0.03-0.33). The
glazes were applied to ...



KUKURS, O.K., Cand Chem Sci -- (diss) "Study of the physico-
chemical properties of ^(solubly-melted varnishes) fusible ~~plastics~~." Riga, 1958, 24 pp
with graphs (Latvian State Univ im P. Stuchka) 200 copies
(KL, 23-58, 102)

- 15 -

Kukurs O.

USSR /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31512

Author : Vaivads A., Upite A., Kukurs O.

Inst : Academy of Sciences Latvian SSR

Title : Zirconium-Containing Opaque Glazes for
Building Ceramics

Orig Pub: Latv. PSR zinatnu Akad. vestis, Izv. AN LatvSSR,
1956, No 8, 121-130

Abstract: A study of the effect of Zr on properties of
boron-free and lead-free glazes, and also on
the properties of a glaze containing small

Card 1/3

USSR /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31512

amounts of Pb and B, has revealed that Zr decreases the coefficient of thermal expansion of the glaze (α_{10-400}), increases its chemical stability and melting point. Opacity of the glaze increases with increasing Zr-content and decreases with increasing melting point of the glaze. PbO in amounts of 10-30% lowers the melting point of Zr-glazes by 45-85°, without affecting the α_{10-400} . In the presence of PbO luster and evenness of the glaze are enhanced, but the opacity is decreased. Glazes containing 30% PbO are transparent. An increase of the amount of Zr, in glazes containing B, causes an increase in chemical stability and lowers the

Card 2/3

USSR /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31512

refractive index and a_{20-400} of the glaze.
Mineralogical and roentgenographic analyses have
shown that opacity of Zr-glazes is due to a sep-
aration, from the liquid phase, of $ZrSiO_4$ and
 ZrO_2 crystallites.

Card 3/3

KUKURS, O...

13

Wetting of ceramics by glazes in the presence of active agents. J. Eiduks and O. Kukurs. *Latvijas PSR Zinātnieku Akadēmijas Vēstis* 1959, No. 8, 85-90. A pressed cylinder of the glaze contg. the additive was placed on the ceramic surface, heated to the desired temp., and quenched. The contact angle of the drop with the surface was taken as the measure of wetting. Considerable decrease of the angle was observed with NaOH, borax, and H_2SiF_6 from the wet additives, and with NH_4VO_3 , MO_3 , and NH_4NO_3 from the dry additives. A. Beičins

OK
V
11

3

4E26(v)
1-80 (1/8)

4E26(v)

VAIVADS, A. (Riga); KUKURS, O. (Riga); EIDUKS, J. (Riga)

Thermography of easily fusible glaze. Vestis Latv ak no.9:107-118
'59. (EEAI 9:10)

1. Latvijas PSR Zinatnu akademijs, Kimijas institutuss.
(Glazes)

KUKURS, O.; GOFMAN, B. [Hofmanis, B.]

Floating device for determining the tensile strength of glass fibers
[with summary in German]. Vestis Latv ak no.1:75-76 '62.

1. AN Latvyskoy SSR, Institut khimii

KUKURS, Osvalds; PAUKSS, Peteris; ROZENBERGA, R., red.

[Glass, fibers, plastics] Stikls, skiedra, plastikas.
Riga, Latvijas PSR ZA izd-iba, 1964. 125 p. [In
Latvian] (MIRA 18:1)

IYEVII 'SH, A.F.[levinš, A.], glav. red.; EYLUK, Yu.Ya.[Eduka, J.],
zam. glav. red.; VAYVAD, A.Ya.[Valvada, A.], red.; KURUIS,
O.K., red.; MAKSIMOVA, O.S., red.; UPITE, A.Yu., red.;
DYMARSKAYA, O., red.

[Glazes, their production and application] Glazuri, ikh
proizvodstvo i primenenie. Riga, Izd-vo AN Latvīskoi SSR,
1964. 249 p. (MIRA 18:4)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu
Akademija. Kimijas instituts.

KUKURUZA, V.D.

Point method of interpreting vertical electric sounding curves.
Razved. i prom. geofiz. no.36:31-39 '60. (MIRA 13:12)
(Electric prospecting)

KUKURUZA, V.D.

Interpreting three-layer vertical electric prospecting curves. Razved.
i prom. geofiz. no.46:49-52 '62. (MIRA 16:3)
(Electric prospecting)

KUKURUZA, V.D.

Example of using data from vertical electric prospecting to determine the extent of zones of tectonic faults. Razved.i prom.geofiz. no.44:86-87 '62. (MIRA 15:7)
(Crimea--Geology, Structural) (Electric prospecting)

SHCHITOV, N.A.; KUKURUZA, V.D.

Processing tellurograms using rectilinear analogies. Sbor.luch.
rats. predl. pt. 2:17-18 '63. (MIRA 17:5)

1. Dnepropetrovskaya geofizicheskaya ekspeditsiya.

LYUDVINSKIY, A.I.; ROMANOVSKIY, L.B.; KOREN, L.N.; KUKURUZNYAK, I.S.;
VIT', Ye.F.; KUDRINA, A.P.

Testing spinel bricks in the lining of converters with an
oxygen blow. Izv. vys. ucheb. zav.; chern. met. 6 no.8:
161-163 '63. (MIRA 16:11)

1. Dnepropetrovskiy metallurgicheskiy institut.

AFANAS'YEV, S. G., kand.tekhn.nauk; EPSHTEYN, Z. D., inzh.;
KRIVCHENKO, Yu. S., inzh.; GUREVICH, B. Ye., inzh.; KOZIN, G. N., inzh.;
RUBINSKIY, P. S., inzh.; KUKURUZNYAK, I. S., inzh.; GUL'YEV, G. F.,
inzh.; CHIGRAY, I. D., inzh.

Operation of the "Krivorozhstal'" converter plant. Biul. TSIICHM
no.5:12-16 '61. (MIRA 14:10)
(Krivoy Rog—Metallurgical plants)
(Converters)

FILICHKIN, I.F.; KUKURUZYAK, I.S.; ZEL'TSER, I.G.; VITIN, G.V.;
LIFSHITS, A.G.

Open-hearth furnaces or oxygen converters. Stal' 21 no.9:
792-798 S '61. (MIRA 14:9)

1. Cherepovetskiy metallurgicheskiy zavod (for Filichkin).
2. Zavod "Krivorozhstal'" (for Kukuruznyak, Zel'tser).
3. Gosudarstvennyy soyuznyy institut po proyektirovaniyu metallurgicheskikh zavodov (for Vitin, Lifshits).
(Open-hearth furnaces) (Converters)

ANDON'YEV, S.M., doktor tekhn.nauk; TSELYUKO, Yu.I., inzh.; RUDNITSKIY, Ya.N.,
inzh.; KATSENELENOGEN, L.B., inzh.; FAYERSHTEYN, A.D., inzh.;
KUKURUZNYAK, I.S., inzh.

Investigating experimental contours with natural circulation of water
in the chimney of an oxygen-blown converter. Stal' 23 no.7:664-667
Jl '63. (MIRA 16:9)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy po
proizvodstvu stali i Krivorozhskiy metallurgicheskiy zavod.
(Converters--Cooling)

KUKUSENKO, F.N

USSR/Cultivated Plants - Grains.

11-4

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39246

Author : Kukusenko, F.N.

Inst : -

Title : Summer Corn Sowing on Irrigated Lands of Middle Asia.

Orig Pub : Kukuruz, 1957, No 8, 30-32.

Abstract : No abstract.

Card 1/1

9(2)

SOV/112-59-1-1744

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 246 (USSR)

AUTHOR: Kukush, V. D.

TITLE: Eliminating Error in a Ponderomotive Wattmeter Due to Mismatch

PERIODICAL: Uch. zap. Khar'kovsk. un-ta, 1957, Vol 94, Tr. Radiofiz. fak.,
Vol 2, pp 131-134

ABSTRACT: Effect of mismatch in the output arm of a ponderomotive wattmeter on the accuracy of measurement of through power is considered. It is pointed out that even a slight mismatch results in considerable error. To eliminate the mismatch-originated error, it is suggested that two sensitive elements be used in the instrument, one being spaced in the waveguide at $1/4$ wave from the other. In this case, the instrument torque practically does not depend on the standing-wave ratio of the channel.

A. V. M.

Card 1/1

KUKUSH, V.D.

9(6)

PHASE I BOOK EXPLOITATION

SOV/1369

Burdun, Grigoriy Dmitriyevich, Rafkat Amirkhanovich Valitov,
Lev Nikolayevich Bryanskiy, Vitaliy Dmitriyevich Kukush, and
Vitaliy Ivanovich Pronenko

Radioizmereniya na millimetrovykh volnakh (Measurement of Milli-
meter Radio Waves) Izd-vo Kharkovskogo univ-ta, 1958. 121 p.
5,000 copies printed.

Ed. (Title page): Burdun, G.D., Professor; Ed. (Inside book):
M.I. Prokopenko,; Tech. Ed.: Ya.T. Chernyshenko.

PURPOSE: The book is intended as a textbook for engineering students
taking a course in superhigh-frequency radio measurements. It
may also be used by scientists and engineers working in the field
of radio measurement and dealing with superhigh frequencies.

COVERAGE: The author discusses basic problems of radio measurement
in the millimeter band. He describes the methods and instruments
used in measuring wavelength, frequency, power, attenuation,

Card 1/5

Measurement of Millimeter Radio Waves

SOV/1369

impedance, voltage standing-wave ratio, dielectric constant, and magnetic permeability. Signal generators and spectrum analyzers are not discussed. The book is the first attempt to systematize the material on measurement in the millimeter band. No personalities are mentioned. There are 56 references, of which 22 are Soviet (including 3 translations), 28 English, 4 French, 1 German, and 1 Czech.

TABLE OF CONTENTS:

Foreword	3
Ch. I. Microwave Generators and Indicators. Waveguide System; Methods and Instruments for Accom- plishing and Controlling Matching of System Elements	5
1. Microwave generators	5
2. Microwave indicators	8
3. Waveguide system; effect of degree of matching of system elements on accuracy of measurements	9
4. Methods and instruments for measuring impedances and voltage standing-wave ratio	13
Card 2/5	

KUKUSH, V. D. Cand Tech Sci — (diss) "Certain Questions on the Use
of Pondermotive Action of Electromagnetic Waves During the Measuring
of the Force in the Medium Wave Frequency," Khar'kov, 1960, 16 pp, 225
copies (Khar'kov Polytechnical Institute im V. I. Lenin) (KL, 47/60, 103)

(S/115/60/000/02/020/031
D002/D003

AUTHORS: Kukush, V.D., Orlov, V.G.

TITLE: Increase in Exactness of Electrical Calibration of Ponderomotive SFH Power Meters

PERIODICAL: Izmeritel'naya tekhnika, 1960, Nr 2, pp 45-46 (USSR)

ABSTRACT: The calibration block circuit recommended by A.I. Gullen [Ref 1] is compared to a circuit with "magic" coaxial T-connections as described by T. Marita and L.S. Sheingold [Ref 2]. The latter calibration method is recommended for absolute calibration of coaxial ponderomotive power meters. There are 2 diagrams and 2 English references. ✓

Card 1/1