"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

ANDREASIK, Zbigniew; PENAR, Stanislaw; MILGROM, Halina

Reiter's disease with large skin changes (pseudovaricella). Case report. Polski tygod.lek. 15 no.31:1097-1100 1 Ag '60.

1. Z II Kliniki Chorob Wewnetrznych A.M. we Wroclawiu; kierownik: prof. dr Antoni Falkiewicz i z Kliniki Dermatologicznej A.M. we Wroclawiu; kierownik: prof. dr Henryk Mierzecki
(REITER'S DISEASE pathol.)
(SKIN pathol.)
(CHICKENPOX diag)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

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MILHALFFY, Laszlo

Unification of leather testing methods in socialist countries. Bor cipo 12 no.1:11-13 Ja '62.

1. Boripari Kutato Intezet.

(Leather research)

Card : 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILHOFER, D.

PHASE I BOOK EXPLOITATION YUG/5509

Grubor, Ljubo, pub.

Atomska biološka hemiska oružja i zaštita; zbirka članaka (Atomic, Biological, and Chemical Weapons and Protection Against Them; Collection of Articles) Zagreb, EPOHA, 1960. 426 p. No. of copies printed not given.

Authors of articles: Pavle Savić, Academician, Milorad Ristić, Engineer, Milorad Mladenović, Doctor, Nenad Raišić, Engineer, Milovan Vidmar, Engineer, Dragutin Milhofer, Engineer, Srđan Hajduković, Doctor, Velimir Vouk, Doctor, Adam Miljković, Doctor, Čedomil Šebetić, Doctor, Milivoje Perišić, Doctor, Svetolik Rašić, Engineer, Miljko Đurić, Engineer and Kazimir Baryla, Doctor.

PURPOSE: This collection of articles is intended for the general reader as well as for personnel in scientific research and similar organizations.

COVERAGE: The book contains 16 articles dealing with general problems of atomic, biological, and chemical warfare weapons and defense methods. The following topics are discussed: nuclear power, reactors, nuclear explosions [including their peaceful application], nuclear weapons, radiological detection and dosimetry, some problems of the effect of nuclear radiation on the organism and of internal contamination by radioactive isotopes, problems of germ and chemical warfare, and the use of combat poisons. The Foreword was written by Major General Rade Bulat. References follow most of the articles.

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Baryla, Kazimir, Doctor. Medical Aspects of the Use of Modern Combat Poisons 411

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MILIANCHEV, Iv.

Research on the crops most suitable for preceding tobacco in the Plovdiv region. Izv Inst tiutiun BAN 1:119-134 '61.

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MAZGAJ, Witold, dr.; MILIANOWICZ, Irena

Obtaining rare earth metallic oxides and chlorides from Kola apatite. Magy kem lap 16 no.11:503-506 N '61.

1. Mutragyakutato Intezet, Tarnow.

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MILIASHEV, M.

On the dissociation energy of carrier currents in the copper oxide--copper system obtained at lower temperatures. Godishnik fiz mat 53 no.2:47-58 '58/'59 [publ. '60].

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BORISOV, M.; MILIASHEV, M.; MINKOVA, V.

The nature of electric stimulated currents in cadmium sulfide. Izv fiz atom BAN 10 no.1:5-45 '62.

1. Fiziko-matematicheski fakultet pri Sofiskiia durzhaven universitet.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

USSR/Soil Sciences. Physical and Chemical Properties of Soils J-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 43779

Author : Miliauskas V.
Inst : The Lithuanian Scientific Research Institute of Agriculture
Title : Properties of Drained and Non-Drained Turf-Gley and Turf-Podzolic-Gley Coils

Orig Pub : Tr. Lit. n.-i. in-ta zemledel., 1957, 3, 5-34 (Lith.; res. Russ.)

Abstract : The results of a study are described which was made on physical properties and water characteristacs of the diverse cultivated soils in the territory of the Lithuanian SSR. The drained well cultivated turf-gley and turf-podzolic gley soils are distinguished from the non-drained soils by reduced specific weight in the hard soil stage, greater porosity, water-holding capacity, capillary water content and better aeration. In connection with this fact the grain crop yield on drained soils is 1/3 to 2 times higher than on non-drained soils. Soil drainage in earthenware pipes is recommended.--P.V. Shramko

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILIBAND, S.D.; KATSNEL'SON, I.S., otv.red.; MEYER, I.L., red.izd-va; KHASHAYA, A.K., tekhn.red.

[Academician V.V.Struve; bibliographical information] Akademik V.V.Struve; bibliograficheskaia spravka. Moskva, 1959. 24 p. (MIRA 12:8)

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Struve, Vasilii Vasil'evich, 1889-)

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MILIC, Cedomir

An example of the apparent drying up of karstic springs. Glas Srp geogr dr 43 no. 2:173-175 '63.

1. Member of the Board of Editors, "Glasnik Srpskog geografskog drustva".

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MILIC, C. S.

Contribution to the morphologic variety of dolinas in dammed karst. p. 1. (GEOGRAD, Vol 19, 1951 No. 39, 1954.)

SO; Monthly List of East European Accessions. (EEAL, LC, Vol. 4, No. 6, June 1955, Uncl

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MILIC, C. S

Ceremosnja Grotto. p. 141. (BEOGRAD, Vol. 19, 1951. No. 39, 1954.)

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MILIC, Cedomir S.

Contribution to the origin of red soils in the Suva Mountains. Zbornik rad Geogr inst SAN no.67:89-104 '59. (EEAI 9:10)
(Serbia--Soils)

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(Karst) (Serbia—Hydrology)

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MILIC, Cedomir, S., dr., naucnni suradnik

Microrelief of the drvenik coastal area. Hidrograf god 153-168 '62.

I. Geografski institut "J.Cvijic", Beograd.

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MILIC, Djordje.,primarij.

Racijonalna terapija i profilaksa skabijesa. Rational therapy and prophylaxis of scabies. Med. glasn. 9 no.11-22:430-435 Nov-Dec 55

1. Poliklinika Doma zdravlja zeleznicara u Beogradu.
(SCABIES
prev. & ther. (Ser))

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MILIC, D.; NOSEK, J.

Effect of protective substances on nucleic acid levels in organs after penetrating radiations. Cas. lek. cesk. 97 no.6-7:208-213 14 Feb 58.

1. Vojenska lekarske akademie, Hradec Kralove, ustav lekarske chemie, prednosta prof. J. Nosek.

(RADIATION PROTECTION
radioprotective agents, eff. on liver & spleen nucleic ac in irradiated animals (Cz))
(NUCLEIC ACIDS, metab.
liver & spleen in irradiated animals, eff. of radioprotec agents (Cz))
(LIVER, metab.
nucleic acids in irradiated animals, eff. of radioprotect agents (Cz))
(SPLEEN, metab.
same)

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Effect of protective substances on the nucleic acid level of various organs after irradiation. Med.rad. 5 no.2:31-33 F '60.
(MIRA 13:12)

(NUCLEIC ACIDS) (LIVER) (SPLEEN) (RADIATION PROTECTION)

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NOSEK, Ya. [Nosek, J.]; MILICH, D. [Milic, D.]

Chemical protection of the skin from burns due to the action of heat and light. Gig.i san. 25 no.8:101 Ag '60. (MIRA 13:11)

1. Iz Instituta meditsinskoy khimii meditsinskogo fakul'teta Karlova universiteta v Gradtse Kralove, Chekhoslovakiya.
(SILICONES) (BURNS AND SCALDS)

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NOSEK, J.; MILIC, D.

On the possibility of elaborating a diagnostic laboratory test of supralethal doses of penetrating radiation. Cas.lek.cesk. 99 no.32/33:1020-1023 12 Ag '60.

1. Ustav lekarske chemie v Hradci Kralove, prednosta prof. dr. J.Nosek.
(RADIATION PROTECTION)

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MILIC, Milenko, chemist.

Methods of teaching chemistry in secondary schools. Beograd, Znanje, 1950. 345 p. (Pedagoski institut Ministarstva prosvete NR Srbije, 9) (55-23265)

QD40.M57

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MILIC, M.

"The work of the Secondary Technical Textile School in Odzaci."

p. 177 (Tekstilna Industrija) Vol. 4, no. 5, May 1956
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

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MILIC, M.

MILIC, M.
Application of agrotechnical measures and organizational, technical, and economic conditions for production. p.16.

Vol. 3, No. 9, Sept. 1955 POLJOPRIVREDA Beograd, Yugoslavia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol.5, No.3, March 1956

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MILIC M.

COUNTRY : YUGOSLAVIA
CATEGORY : Cultivated Plants. General Problems. M

ABS. JOUR. : RZhBiol., No.14, 1958, No. 63275

AUTHOR : ~~Milić, M.,~~ Stoyanovich, M., Milcyich, B.
INST. : Belgrade University
TITLE : The Influence of Crop Rotations on the Yield of Some of the Most Important Cultures.

ORIG. PUB. : Zb. radova Pol'privrednog fak. Un-t Baogradu, 1956, 4, No. 1, 209-226

ABSTRACT : Results of the trials at the agricultural experiment stations in Semun and Krvenk during the period 1948-1955. Productivity depended on the type of soils, meteoroligical conditions and the crops used in the rotation. The yields of winter wheat and corn were higher in the seven-field crop rotation in comparison with the two-field rotation. The yields of vetch, red clover and alfalfa in mixture with other grasses were also higher in multi-field crop rotation. -- O. A. Gorbunova

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DJURICIC, I.; MILIC, M.; MALOVICEVA, M.

Effect of cortisone on gelatin swelling and viscosity of the blood serum. Glas srpske akad. nauka, odelj med. 211 no.7:233-237 1953.

1. Primljeno na VIII skupu Odeljenja med. nauka od 28 V 1953 god.

(BLOOD SERUM
viscosity, eff. of cortisone)
(CORTISONE, eff.
on gelatin swelling & blood serum viscosity)
(GELATIN
swelling, eff. of cortisone)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

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DURICID, I.; MILIC, M.; MALOVICEVA, M.

Effect of cortisone on swelling of gelatin; blood platelets and serum viscosity. Bull. Acad. serbe sc., classe med. 15 no.3:7-10 1956.

1. Arbeit aus dem Institute for medizinsiche Untersuchungen der Serbischen Akademie des Wissenschaften.

(CORTISONE, effects,
on blood platelets & serum viscosity, relation to gelatin colloidal dispersion (Ger))
(BLOOD PLATELETS, effect of drugs on,
cortisone, relation of response to gelatin colloidal dispersion (Ger))
(GELATIN,
colloidal dispersion, eff. of cortisone, relation to blood platelets & serum viscosity responses (Ger))
(BLOOD,
viscosity, eff. of cortisone, relation to gelatin colloidal dispersion (Ger))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

ZIVANOVIC, Olivera, sanitetski major dr; STOJADINOVIĆ, Nada, vojni sluzbenik V kl. san. sluzbe dr; MILIC, Mirjana, tehnicki saradnik laborant; AKSENTIJEVIC, Vida, tecbnicki saradnik laborant

Results of studies on Staphylococcus pyogenes found in the infectious section of the ward for the burned.(Plastic Surgery Clinic of the Military Medical Academy. Vojnosanit. pregl. 19 no.6:423-432 Je '62.

1. Vojnomedicinska akademija u Beogradu, higijenski zavod -- Mikrobiolos institut.
(BURNS) (CROSS INFECTION) (STAPHYLOCOCCAL INFECTIONS)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

ZIVANOVIC, Olivera, dr., sanitetski major; UZELAC, Ozren, sanitetski puk. doc.; ILIC, Pavle, sanitetski kapetan, dr.; SERTIC, Anica, sanitetski major, dr. Tehnicki saradnici: MILIC, Mirjana, AKSENTIJEVIC, Vida

Incidence and phagotypes of Staphylococ is pyogenes in burns and vicinity. Vojnosanit. pregl. 21 no.12:765-770 D'64.

1. Klinika za plasticku hirurgiju, Mikrobioloski institut, Vojnomedicinska akademija u Beogradu.

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MILIC, N.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

Petar Lorini, pioneer of our sea fisheries.
P 49. MORSKO RIBARSTVO. Vol 4, No 3/4,
1952.

East European Accessions List. Library of
Congress. Vol 2, No 3, March 1953. UNCLASSIFIED

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MILIC, N.

"Darkness in summer fishing", p. 14 (Morske Ribarstvo, Vol. 5, no. 1/2, 1953, Zagreb)

SO: Monthly List of East European Accessions, Vol. 2, No 9 Library of Congress, September 1953, U

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MILIC, N.

"The Protection of Fish Resources." p. 65. (Lovsko ribarstvo, Vol. 5, no. 5/6, 1953, Zagreb)

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

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MILIC, N.

MILIC, N. Irregularities in the sea-food trade. p. 171.

Vol. 7, No. 7, July 1955.
MORSKO RIBARSTVO.
AGRICULTURE
Rijeka, Yugoslavia

So: East European Accession, Vol. 5, No. 5, May 1956

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[redacted]

[redacted], A.

Dandolo's regulations on marine fishing. p. 342

[redacted] vol. 7, no. 12, Dec. 1955

Yugoslavia

[redacted] vol. 5, no. 11 Oct. 1956

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

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MILIC, N.

The development of seines in our country.

p. 252 (Morsko Ribarstvo. Vol. 8, no. 8, Aug. 1956. Rijeka, Yugoslavia)

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MILIC, N.

Triethylene melamine therapy of leukemia and lymphogranulomatosis.
Lijec. vjes. 76 no.1-2:40-46 1954.

1. Interni odjel Opce bolnice dra Stojanovica u Zagrebu.
(LEUKEMIA, ther.
*triethylene melamine)
(HODGKIN'S DISEASE, ther.
*triethylene melamine)
(TRIETHYLENE MELAMINE, ther. use
*Hodgkin's dis. & leukemia)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

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MILIC, N.

A case of generalized argyria. Arh. hig. rada 6 no.3:209-216 1955.

1. Odjel za interne bolesti, Bolnica, Dra. M. Stojanovica, Zagreb. Department of Internal Medicine, Dr. M. Stojanovic Hospital, Zagreb.

(SILVER, pois.
causing argyria, clin. aspects. (Ser))
(POISONING,
silver, causing generalized argyria, clin. aspects. (Ser))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

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MILIC,N.,d-r; MIKSIC,J.,d-r

Changes of serum proteins in hepato-biliary diseases. Med. arh., Sarajevo 12 no.3:141-150 My-Je '59.

1. Interni odjel bolnice "D-r Mladena Stojanovica", Zagreb.
(BLOOD PROTEINS)
(LIVER DISEASES blood)
(BILIARY TRACT dis.)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

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BASIC, Marko; PADOVAN, Ivo; MELIC, Nadjeljko; SPAVENTI, Sime; POPOVIC, Ljubomir; BORIC, Dragica

Our experience with the irradiation of reticulum cell sarcoma. Rad. med. fak. Zagreb 9 no.1:83-92 '61.

(SARCOMA RETICULUM CELL radiother)

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BORIC, Dragica, dr.; BASIC, Marko, dr.; MILIC, Nadeljko, dr.; SPAVENTI, Sime, dr.; LUKOVIC, Gizela

Our experience with radiotherapy of lymphogranulomatosis. Lijecn. vjesn. 83 no.8:783-788 '61.

1. Iz Zavoda za radiologiju, Odjela za unutarnje bolesti Opce bolnice "Dra M.Stojanovica" i Skole narodnog zdravlja "A Stampar" u Zagrebu.
(HODKIN'S DISEASE radiother)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

KOJUTIC, Zvonimir, dr.; REINER, Ivan, dr.; BREITENFELD, Vladimir, dr.; MILIC, Nedjeljko, dr.; PIEROTIC, Nevenka, dr.; SEKSO, Mladen, dr.; SOLJAN, Nevenka, dr.; TRNSKI, Josip, dr.; VODOPIJA, Ivan, dr.

Clinical characteristics of salmonellosis java in adults. Lijecn. vjesn. 84 no.5:437-444 '62.

1. Iz Bolnice za zarazne bolesti, Internog odjela bolnice "Dra M. Stojanovica" u Zagrebu i Zavoda za zastitu zdravlja grada Zagreba.

(SALMONELLA INFECTIONS case reports)

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SERCER, A.; PADOVAN, I.; KRMPOTIC, J.; KNEZEVIC, M.; BALOGH, M.; MILIC,N.; SIPUS, N.; DJRIN, B.; LIPOZENCIC, M.; GUSIC, B.; SPAVENTI, S.; GOSPODNETIC, A.; PANSINI, M.; IVIC, Z.; MARINOVIC, F.; BASIC, M.; ORESKOVIC, M.; KNEZEVIC, S.; MARICIC, Z.

Medicine. Bul sc Youg 9 no.4/5:116-117 Ag-O '64.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

CVJETICANIN, D.; MELIC, N.

The separation of radionuclides on zirconium-pyrophosphate.
Croat chem acta 35 no.4:A23 '63.

1. Institut "Boris Kidric", Hot-Laboratory Department, Vinca.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILICH, N. [Milic,N.]; PETRUKHIN, O.M.; ZOLOTOV, Yu.A.

Extraction of uranyl thenoyltrifluoroacetonate. Zhur. neorg. khim. 9 no.11:2664-2667 N '64 (MIRA 18:1)

1. Institut geokhimii i analiticheskoy khimii imeni V.V. Vernadskogo AN SSSR i Institut "Boris Kidrich", Belgrad, Yugoslaviya.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

CVJETICANIN, D.;MILIC, N.

Separation of Pu from U, Fe, and fission products on the ZrP_2O_7 column; abstract. Glas Hem dr 27 no.9/10:489 '64

1. The Boris Kidric Institute, Hot-Laboratory Department, Belgrade-Vinca.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

NIKOLIC, Svetozar, inz., docent za predmet "Celicne konstrukcije (Krajiska 3, Sarajevo); MILIC, Svetislav, inz., docent za predmet "Teorijska mehanika" (Lenjinova 71, Sarajevo)

Determining carrying capacity of eccentric connections in tubular steel scaffoldings. Publ Teh fak Sarajevo 4 no. 2: 69-78 '61.

1. Faculty of Civil Engineering. University of Sarajevo.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILIC, Svetislav

Explicit solutions of continuous girders with equal fields and constant moment of inertia in the form of indefinite trigonometric series. Publ Fac fiz Sarajevo 2 no. 1 :29-36 '59.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILIC, Svetislav, ing., docent. (Sarajevo, Lenjinova 71/I)

Continuous girders with constant moment of inertia and equal fields. Tehnika Jug 16 no.10:1735-1744 O '61.

1. Tehnicki fakultet Univerziteta u Sarajevu.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILIC, Svetislav, ing., assistant prof. (Sarajevo, Lenjinova 71/I)

One solution of the rectangular plate with two opposite edges clamped and other two edges simply supported. Tehnika Jug 17 no.4:628-632c Ap '62.

1. Technical Faculty of the University of Sarajevo, Sarajevo.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

DUKOVIC, D., dr.; DORDEVIC, Lj, dr.; DIMITRIJEVIC, A., dr.; POPOVIC, M., dr.; VASILJEVIC, M., dr.; MILIC, T., dr.

Current status and experience with the treatment of gastroduodenal hemorrhagic ulcer. Med. glas. 18 no.6:189-191 Je-Jl '64.

1. Hirursko odeljenje Opste bolnice u Kraljevu (Nacelnik: prim. dr. D. Dukovic).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

HERGESIC, B.; FERBER, E.; MAVER, H.; PANTAZIJEVIC, D.; DIVANOVIC, B.; TODOROVIC, P.; VRACARIC, E.; SIMIC, B.; BOGOJEVSKI, D.; KLINC, L.; RAMZIN, S.; PETROVIC, D.; DAJA, A.; MILIC-KRIVODOLJANIN, B.; PRIBICEVIC, S. (Beograd ZEREMSKI, D. (Beograd); VAJIC, V.

Review of periodicals; nutrition. Bul sc Youg 9 no.4/5:147-148 Ag-O '64.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

RUMANIA/Plant Physiology. Mineral Nutrition

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 86660

Author : Milica C.I.
Inst : ———————
Title : Physiological Foundations of the Absorption of Nutrients by Plant Roots

Orig Pub : An. Rom. - Sov. Ser. Biol., 11, No 4, 61-77, 1957

Abstract : A survey, with a bibliography of 28 titles.

Card : 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

Mikosz-Gruzewska, Halina

Mikosz-Gruzewska, Halina. On the law of probability and the characteristic function of the standardized sum of equivalent variables. Soc. Sci. Lett. Varsovie. C. R. Cl. III. Sci. Math. Phys. 42 (1949), 99–143 (1952). (English. Polish summary)

The author continues her earlier investigations [Atti Accad. Naz. Lincei. Mem. Cl. Sci. Fis. Mat. Nat. (8) 2, 25–33 (1948); these Rev. 11, 118] of limit theorems for correlated equivalent random variables. A number of theorems valid for the distribution functions and for the characteristic functions of standardized sums of equivalent random variables are proven and the approximation to the normal distribution is discussed.

E. Lukacs.

Source: Mathematical Reviews, Vol 13 No.10

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILICER-GRUZEWSKA, H.

Construction of the probability field by the basic solution of the normal parabolic equation with Holder's coefficients. Bul Ac Pol mat 7 no.11:673-675 '59. (EEAI 9:10)

1. Institut Matematyczny PAN. Presente par K.Kuratowski.
(Distribution (Probability theory))
(Equations)
(Algebra)
(Probabilities)
(Functions)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

40519

S/044/62/000/008/026/073
C111/C333

AUTHOR: Milicer-Grużewska, H.

TITLE: Probability properties of the solutions of a certain parabolic system of equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1962, 57, abstract 8B255. ("Bull. Acad. polon. sci. Sér. sci. math., astron. et phys.", 1959, 7, no. 12, 721-728)

TEXT: The system

$$\sum_{1\leq j\leq N}^{0<\varkappa\leq 2} A_{\alpha j}^{(k_1,\ldots,k_n)}(x,t)\frac{\partial^{\varkappa} u_j}{\partial x_1^{k_1}\ldots\partial x_n^{k_n}}+\frac{\partial u_\alpha}{dt}=0 \quad (1)$$

$$(\alpha=1,2,\ldots,N),$$

with sufficiently smooth coefficients, which is conjugated to a parabolic system, is considered in the layer $[0, T]$ $(0 \leq t \leq T)$ of the $n+1$ -dimensional space of the points $(x,t) = (x_1,\ldots, x_n, t)$.

Let

$$\sum_{j=1}^{N} A_{\alpha j}^{(k_1,\ldots,k_n)}(x,t) > 0 \quad (k_1 + \ldots + k_n = 2,\ k_i \neq 1).$$

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Probability properties of the . . .

Let $\| \Gamma_{\alpha\beta}(x, t; \tau, y) \|_{\alpha,\beta=1}^{N}$ be fundamental matrix of (1). Using the notation

$$P_{\alpha}(x, t; \tau, y) = \sum_{j=1}^{N} \Gamma_{\alpha j}(x, t; y, \tau)$$

the following relations hold

1) $P_{\alpha}(x, t; y, \tau) \geq 0$;

2) $\int_{E_n} P_{\alpha}(x, t; y, \tau)\, dy = 1, \quad t \leq \tau$;

3) $\int_{E_n} P_{\alpha}(x, t; z, \theta)\, P_{\beta}(z, \theta; y, \tau)\, dz = P_{\alpha}(x, t; y, \tau)$

$$t \leq \theta \leq \tau .$$

The relations show that the functions $P_{\alpha}(x, t; y, \tau)$ are probability functions of certain Markov processes.
[Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

5342:

Müller-Grużewska, H. Un théorème limite sur la dérivée de l'intégrale de Poisson-Weierstrass généralisée. Bull. Acad. Polon. Sci. Sér. Sci. Math. Astr. Phys. 6 (1958), 131–133.

This note concerns a property of the fundamental solutions of the parabolic partial differential equation

$$\partial u/\partial t = \sum_{i,j=1}^{n} a_{i,j}(x_1, \cdots, x_n, t)\partial^2 u/\partial x_i \partial x_j + \sum_{i=1}^{n} b_i(x_1, \cdots, x_n, t)\partial u/\partial x_i + c(x_1, \cdots, x_n, t)u,$$

where $(x_1, \cdots, x_n)$ belongs to a domain Ω of n-dimensional Euclidean space and $0 \leq t \leq T$. It is assumed that the quadratic form $\sum_{i,j=1}^{n} a_{i,j}x_i x_j$ is positive definite, and that the coefficients of the equation satisfy certain Hölder conditions. Denote the fundamental solution of the equation by $\Gamma(A, t, B, s)$, where A and B are two arbitrary points in Ω. The generalized Poisson-Weierstrass integral is

$$I(A, t, s) = \int\int\int_{\Omega} \Gamma(A, t, B, s) f(B, s) dB,$$

with f bounded and continuous in Ω. The author announces a formula for $\lim_{t \to s} \partial/\partial x_i \{I(x_1, \cdots, x_n, t, s)\}$. The proof is not given, but will be published later.

J. Elliott (New York, N.Y.)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILICER-GRUZEWSKA, H.

Research on the properties of the solution of theparabolic equation system. Bul Ac Pol mat 8 no.6:385-390 '60. (EMAI 10:6)

1. Institut Matematyczny, PAN. Presente par T.Wazewski.
(Differential equations) (Parabola)
(Harmonic functions)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILICER-GRUZEWSKA, H.

A theorem on the spatial derivative of the generalized integral of the Poisson-Weierstrass system of parabolic equations. Bul Ac Pol mat 8 no.6:391-397 '60. (EEAI 10:6)

1. Institut Matematyczny, PAN. Presente par A.Zygmund.
(Integrals) (Differential equations) (Parabola)
(Harmonic functions)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

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C111/C444

AUTHOR: Milicer-Grużewska, H.

TITLE: A limit property of the matrix of the generalized surface distribution potential for a parabolic equation system

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1962, 66-67, abstract 2B270. ("Bull. Acad. polon. sci. Sér. sci. math., astron. et phys." 1961, 9, no. 4, 251-256)

TEXT: Considered is the parabolic partial differential equation system

$$\sum_{\substack{1 \leq j \leq N \\ 0 \leq k_1+\ldots+k_n=m \leq M}} A_j^{(k_1,\ldots,k_n)}(X,t) \frac{\partial^m u_j}{\partial x_1^{k_1} \ldots \partial x_n^{k_n}} - \frac{\partial u_i}{\partial t} = 0$$

where Ω is a domain of the n-dimensional Euclidean space E.

I. The coefficients of (1) are continuous in $\Omega' \supset \Omega$ for $t \geq 0$ and satisfy there the conditions of Hölder

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$$|A_{ij}^{(k_1,\ldots,k_n)}(X, t) - A_{ij}^{(k_1,\ldots,k_n)}(X_1, t_1)| \leq$$

$$\leq \begin{cases} C_0 \left[|XX_1|^h + |t - t_1|^{h'} \right], & m = M, \\ C^0 |XX_1|^h, & m < M, \ t = t_1, \end{cases}$$

where $|XX_1|$ is the Euclidean distance of the points X and X_1, h and h' are constants, $0 < h \leq 1$, $0 < h' \leq 1$. In Ω' there exist uniform limits

$$\lim_{t \to 0} A_{ij}^{(k_1,\ldots,k_n)}(X, t) = A_{ij}^{(k_1,\ldots,k_n)}(X),$$

$$X \in \Omega', \quad i, j = 1, 2, \ldots, N.$$

II. The system (2) is uniformly parabolic in the sense of I. G. Petrovskiy with respect to t in Ω', where $n > M$. According to Fogorzhel'skiy one introduces the matrix of the fundamental solutions of (1) $\Gamma_{ij}(X, t; Y, \tau)$.

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III. In the domain the coefficients of (1) satisfy the conditions

$$\int_0^{t-\tau} \int \sum_{\beta=1}^{N} N_{\beta}(X, Y, \ ) \, dY \, d\beta \leq b < 1$$

$$\int_0^{t-\tau} \int \sum_{\beta=1}^{N} \dot{N}_{\alpha\beta}(X, Y, \ ) \, dX \, d\beta \leq b < 1$$

for all $t - \tau \geq 0$ and $X, Y \in \Omega'$, where

$$\dot{N}_{\alpha\beta}(X, Y, \theta) = C\left[N_n^M C_\theta (|XY|^h + \theta^{h'})\theta^{-1-\frac{n}{M}} + \sum_{1 \leq j \leq N}^{0 < n \in M} \max_{t \geq 0} |A_{\alpha j}^{(k_1, \ldots, k_n)}(X, t)| \, \theta^{-\frac{n+m}{M}}\right] \times \exp\left[-c\left(\frac{|XY|}{\theta^{\frac{1}{M}}}\right)^{\frac{M}{M-1}}\right].$$

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Theorem 1: If the conditions I - III are satisfied, then there exists a function system $\Gamma_{\alpha}(X, Y)$, integrable with respect to $Y \in \Omega$, being in X the matrix of the fundamental solutions of the elliptic limit system

$$\sum_{0 \le k_1+\ldots+k_n \le M} \sum_{1 \le j \le N} a_{\alpha j}^{(k_1,\ldots,k_n)}(X) \frac{\partial^{k_1+\ldots+k_n} u_j}{\partial x_1^{k_1} \ldots \partial x_n^{k_n}} = 0$$

IV. Let S be the boundary of Ω and let the functions $\{\varphi_\alpha(X,t)\}_{\alpha=1,\ldots,N}$ for every t on S be defined, continuous, bounded and integrable, where

$\lim_{t \to 0} \varphi_\alpha(X, t) = \hat{\varphi}_\alpha(X)$, $X \in S$, $\alpha = 1,2,\ldots,N$.

uniformly on S.

Theorem 2: If the conditions I - IV are satisfied then

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A limit property of the matrix of . . .

$$\lim_{t \to \infty} \frac{1}{t} \int_0^t \sum_{S=1}^{N} \Gamma_{\alpha\beta}(X, t; \xi, \tau)\, \xi_\beta(Q, \tau)\, dQ d\tau =$$

$$= \int_S \sum_{\beta=1}^{N} \Gamma_{\alpha\beta}(X, Q)\, \hat{\xi}_\beta(Q)\, dQ; \quad X \in \Omega, \quad \alpha = 1, 2, \ldots, N.$$

The proofs of the mentioned statements are not given in this paper.

[Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

37605
S/044/62/000/004/044/099
C111/C333

AUTHOR: Milicer-Grużewska, H.

TITLE: On the boundary value of the special potential of the simple layer for a parabolic system of equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 53, abstract 4B243. ("Bull. Acad. polon. sci. Sér. sci. math., astron. et phys.", 1961, 9, no. 6, 429 - 433)

TEXT: The author considers the parabolic system according to I.G. Petrovskiy

$$\sum_{\substack{0 \le k \le K \\ 1 \le j \le N}} A_{\alpha j}^{(k)}(X,t) \frac{\partial^k (u_j)}{\partial x_1^{k_1} \dots \partial x_n^{k_n}} - \frac{\partial u_\alpha}{\partial t} = 0 , \qquad (1)$$

$$\alpha = 1,2,\dots, N ; \quad X \in \Omega , \quad t > 0 ,$$

where $X = (x_1,\dots,x_n)$ is a point of the n-dimensional Euclidean space E_n

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($n \leq M$) and Ω a domain of the E_n. Relative to the coefficients of the equations of system (1) it is assumed that the following conditions be satisfied :

I. $$\left| A^{(k)}_{\alpha j}(X,t) - A^{(k)}_{\alpha j}(Y,\tau) \right| \leq \begin{cases} C^0 \left[|XY|^h + |t-\tau|^{h'} \right], & k = M, \\ C_0 |XY|^h, & k < M, \ t = \tau, \end{cases}$$

where $|XY|$ is the distance of the points X and Y, h and h'-- constants, $0 < h \leq 1$, $0 < h' \leq 1$. There exists uniformly in each domain $\Omega' \subset \Omega$ the boundary value

$$\lim_{t \to +\infty} A^{(k)}_{\alpha j}(X,t) = \hat{A}^{(k)}_{\alpha j}(X), \quad X \in \Omega', \quad \alpha, j = 1, \ldots, N$$

II. If

$$\dot{N}_{\alpha\beta}(X,Y,\theta) = \begin{cases} C_1 \theta^{-\left(1+\frac{1}{M}\right)}, & \theta > 1, \ X, Y \in \Omega', \\ C_1 \theta^{-\left(1+\frac{n-h}{M}\right)} \exp\left[-c \left(\frac{|XY|}{\theta^{\frac{1}{M}}} \right)^{\frac{M}{M-1}} \right], \end{cases}$$

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then

$$\int_0^\theta \int_{\Omega'} \sum_{\beta=1}^{N} \dot{N}_{\alpha\beta}(X, Y, \xi)\, dY d\xi < b < 1$$

and

$$\int_0^\theta \int_{\Omega'} \sum_{\beta=1}^{N} \dot{N}_{\beta\alpha}(X, Y, \xi)\, dX d\xi < b < 1,$$

$$\alpha = 1, \ldots, N;\ X \in \Omega,\ Y \in \Omega' \subset \Omega;\ 0 < \theta < \infty.$$

III. On the boundary S of the domain Ω the functions

$$\{\varphi_\alpha(B,t)\}_{\alpha=1,\ldots,N} = \varphi(B,t)$$

are defined, they are continuous, integrable and bounded on S for every $t \geq 0$; it is known that the uniform boundary value

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$$\lim_{t \to +\infty} \varphi_{\alpha}(B,t) = \varphi_{\alpha}(B) , \quad B \in S , \quad \alpha = 1,\ldots,N.$$

exists.
Then with the aid of the method of Eydel'man the potential of the simple layer for the parabolic system (1) is constructed in a special way. The potential has the form

$$U_{\alpha}(X,t) = \sum_{\gamma=1}^{N} \int_0^t \int_{B \in S} \Gamma_{\alpha\gamma}(X, t; B, \tau) \varphi_{\gamma}(B, \tau) dB d\tau .$$

Then the elliptic system of equations

$$\sum_{\substack{0 \le k \le M \\ 1 \le j \le N}} \hat{A}^{(k)}_{\alpha j}(X) \frac{\partial^k \hat{u}_j}{\partial x_1^{k_1} \ldots \partial x_n^{k_n}} = 0 , \quad \alpha = 1,\ldots,N$$

is considered, for which the potential of the simple layer

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C111/C333

$$U_\alpha(X) = \int_S \sum_{\beta=1}^{N} \Gamma_{\alpha\beta}(X,B)\,\varphi_\beta(B)\,dB; \quad X \in \Omega, \quad \alpha = 1,\ldots,N$$

is likewise constructed in a special way. Then the following theorem is formulated without proof :
Under the assumptions I - III it holds

$$\lim_{t \to +\infty} U_\alpha(X,t) = U_\alpha(X), \quad X \in \Omega.$$

[Abstracter's note : Complete translation.]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

S/044/62/000/008/024/073
C111/C333

AUTHOR: Milicer-Grużewska, H.

TITLE: Special quasi-solutions of systems of equations of the parabolic type

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1962, 56, abstract 8B253. ("Bull. Acad. polon. sci. Sér. sci. math., asttron. et phys.", 1961, 9, no. 7, 515-519)

TEXT: In this paper the author uses the basic definitions and designations from his paper (Rzh. Mat., 1962, 4B243). Considered is the parabolic system

$$\pi^{(\alpha)}(u) - \frac{\partial u_\alpha}{\partial t} \equiv \sum_{1 \le j \le N}^{(M)} A_{\alpha j}^{(M)}(Z, \zeta)\, D^M(u_j) - \frac{\partial u_\alpha}{\partial t} = 0$$

$$Z \in \Omega \subset E_n \ (M \ge n),\ \alpha = 1,2,\ldots,N;\ \zeta > 0 . \qquad (1)$$

I. The coefficients $A_{\alpha j}^{(M)}(Z, \zeta)$ satisfy the Hölder condition

$$|A_{\alpha j}^{(M)}(Z, \zeta) - A_{\alpha j}^{(M)}(Z', \zeta')| \le C\left[|ZZ'|^h + |\zeta - \zeta'|^{h'}\right]$$

$Z, Z' \in \bar{\Omega} \subset \Omega'$, $\zeta, \zeta' \ge 0$, $0 < h \le 1$, $0 \le h' \le 1$.

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Special quasi-solutions of systems . . .

II. The system (1) is parabolic in the sense of Petrovskiy. The matrices $W^{Z,\zeta}$ of the quasi-solution of Pogorzelski (Rzh.Mat., 1960, 3052) and the ${}_AW^{Z,\zeta}$ -- special quasi-solutions of the author from (1) are introduced.

Theorem: If conditions I and II are fulfilled, then the special quasi-solution is a solution of the system

$$\mathfrak{T}^{(\alpha)}[u] - \frac{\partial u_\alpha}{\partial t} = \frac{\partial}{\partial t}\left({}_AP^{Z,\zeta}_{\alpha,\beta} \right), \quad \alpha, \beta = 1,2,\ldots,N, \quad \beta = \text{const}$$

where

$$ {}_AW^{Z,\zeta}_{\alpha\beta} = W^{Z,\zeta}_{\alpha\beta} - \int_\tau^t \int_{E_n} \sum_{\gamma=1}^{N} W^{Z,\zeta}_{\alpha\gamma}(x, t; \pi, \theta) \times $$

$$ \times \frac{\partial}{\partial\theta} [{}_AP^{Z,\zeta}_{\gamma\beta}(\pi, \theta; Y, \tau)]\, d\pi d\theta, \quad Z \in \Omega', \quad \zeta > 0. $$

Furthermore, if

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Special quasi-solutions of systems . . .

$$A^{I}_{\alpha\beta}(X, t; \tau) = \int_{\Omega} \sum_{\gamma=1}^{N} A^{W^{Y,\tau}}_{\alpha\gamma}(X, t; Y, \tau)\, \varphi_{\gamma\beta}(Y, \tau)\, dY$$

then

$$\lim_{t \to \tau + 0} A^{I}_{\alpha\beta}(X, t; \tau) = \varphi_{\alpha\beta}(X, t)$$

for arbitrary bounded, in $(\Omega' \times [0, T])$ integrable functions $\varphi_{\alpha\beta}(Y, \tau)$ which are continuous in point (X, t).

[Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

S/044/62/000/008/025/073
C111/C333

AUTHOR: Milicer-Grużewska, H.

TITLE: Special fundamental solutions of a parabolic system of equations.

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1962, 56-57, abstract 8B254. ("Bull. Acad. polon. sci. Sér. sci. math., astron. et phys.", 1961, 9, no. 8, 565-570)

TEXT: This paper is a continuation of papers (Rzh. Mat., 1962, 4B243; 8B253). The designations and definitions of these papers are used, and special fundamental solutions of the parabolic system

$$\psi^{(\alpha)}(u) \equiv \sum_{1 \le j \le N} \sum_{0 \le k \le M} A_{\alpha j}^{(k)}(X,t)\, d^k u_j - \frac{\partial u_\alpha}{\partial t} = 0, \quad \alpha = 1,2,\ldots,N,$$

$$x \in \Omega \in E_n \ (n \le M), \ t > 0 \qquad (1)$$

are examined.

I. The coefficients of (1) are continuous on the set $(\Omega \times (0,T))$ and further

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Special fundamental solutions of a . . .

$$|A_{\alpha\beta}^{(k)}(X, t) - A_{\alpha\beta}^{(k)}(Y, \tau)| <$$
$$< \begin{cases} C_0(|XY|^h + |t-\tau|^{h'}), & k = M, \\ C^0|XY|^h, & 0 \leq k < M, \ t = \tau, \end{cases}$$
$$k = k_1 + \ldots + k_n, \ 0 \leq k_l < k, \ l = 1, 2, \ldots, n;$$
$$\alpha, \beta = 1, 2, \ldots, N, \ 0 < h, h' < 1.$$

II. System (1) is parabolic in the sense of Petrovskiy. If A is a special fundamental solution of (1), then, according to (Rzh. Mat., 1962, 4B243):

$$\hat{\psi}^{(\alpha)}({}_A\Gamma) = {}_AN_{\alpha\beta} + \psi^{(\alpha)} \left[\int_\tau^t \int_{\Omega'} S({}_AW^{II}{}_1, {}_A\Phi) \, d\Gamma \, d\xi \right].$$

Theorem 1: If conditions I and II are fulfilled, then

$$\hat{\phi}^{(\alpha)}({}_A\Gamma) = 0; \ X \neq Y, \ X \in \Omega, \ Y \in \Omega', \ \alpha = 1, 2, \ldots, N.$$

Theorem 2: If conditions I and II are fulfilled, then there exists the generalized Poisson-Weierstrass integral

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Special fundamental solutions of a . . .

$$I_{\alpha\beta}(X, t; \tau) = \int_{\Omega} S(_{A}\Gamma, \varphi)\, dY$$

if the density $\{\varphi(Y, \tau)\}$ is integrable and bounded in Ω', especially, if $\varphi(Y, \tau)$ is continuous in point (X, t), then

$$\lim_{\tau \to t} I_{\alpha\beta}(X, t; \tau) = \varphi_{\alpha\beta}(X, t) .$$

[Abstracter's note: Complete translation.]

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MILICER-GRUZEWSKA, H.

Initial values of derivatives of the Poisson-Weierstrass generalized integral of the parabolic system of equations. Bul Ac Pol mat 10 no.5:239-246 '62.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa. Presented by T.Wazewski.

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MILICER-GRUZEWSKA, H.

Special quasi solution of a parabolic system of equations. Bul Ac Pol mat 9 no.7:515-519 '61.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa. Presented by A. Mostowski.

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MILICER-GRUZEWSKA, H.

An example of application of the so-called substition method to the probabilist properties of the solution of the parabolic system of equations with Hölder coefficients. Bul Ac Pol mat 11 no.4:151-154 '63.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa. Presented by T. Wazewski.

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MLICKER-GRUZEWSKA, H. (Warszawa)

...imat property of the matrix of the simple layer spacial potential in a parabolic system of equations. Annales Pol mat: 14 no.3:239-268 '64.

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MILICEROWA, HALINA

POLAND/Human and Animal Physiology - Physiology of Labor and Sports. V-10

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18703

Author : Halina Milicerowa
Inst :
Title : The Use of Perkal's Index as a Characteristic of a Boxer's Physique.

Orig Pub : Mater. i prace antropol. Zakl antropol. PAN, 1956, No 20, 84 s.

Abstract : The statistical handling (according to Perkal'; see Ref. Zhur. Biol., 1956, 66108) of data from the examinations of 130 boxers of various nationalities and an unspecified number of students of the Warsaw Academy of Physical Culture showed that the basic morphological characteristics of boxers are strongly developed musculature of the chest cage and shoulder girdle and relatively less developed musculature of the extremities, especially of the thigh

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MILICER, Halina

The state of Polish research as concerning human growth.
Review Pol Academy 8 no.3:29-32 Jl-S'63.

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Organization of studies on the ontogeny of man. Nauka polska 11 no.3:57-64 My-Je '63.

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ANDREOIU, C.; VASILESCU, T.; MILICESCU, St.; ANDROIU, C.C.

The cervical rib syndrome. Rumanian med. rev. 19 no.2:57-64 Ap-Je'65.

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BRCIC, B.S.; MILICEV, S.; SIFTAR, J.

Synthesis of calcium metatitanate at low temperature. I. Croat chem acta 33 no.4:169-179 '61.

1. Laboratorij za anorgansko kemijo, Institut za kemijo, Universa v Ljubljani.

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YUGOSLAVIA

Prof Dr V. MILICEV, Docent Dr B. BERIC and Dr M. MILOJEVIC; Regional Institute of Public Health (Pokrajinski zavod za zdravstvenu zastitu) and Regional Health Center (Pokrajinski zdravstveni centar) Novi Sad

"Status and Problems of the Combat Against Malignant Tumors in the Autonomous Region (Autonomna Pokrajina, AP) of Vojvodina."

Belgrade, Narodno Zdravlje, Vol 18, No 11, 1962; pp 384-390.

Abstract: Statistical, financial and organizational details are given to support the authors' contention that the present diagnostic and therapeutic facilities and staffing are totally inadequate to cope with the problem, and that the economic implications alone of the latter require much greater investments. Morbidity and mortality from cancer has been increasing quite consistently in Vojvodina as it has in all other parts of Yugoslavia. Six tables, 2 diagrams, 2 Western and 5 Yugoslav references.

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MILICEVIC, Branimir

On the function $\sqrt{n}$. Glas Hem dr 19 no.8:511-514 '54.

1. Centar za zastitu od korozije, Beograd.

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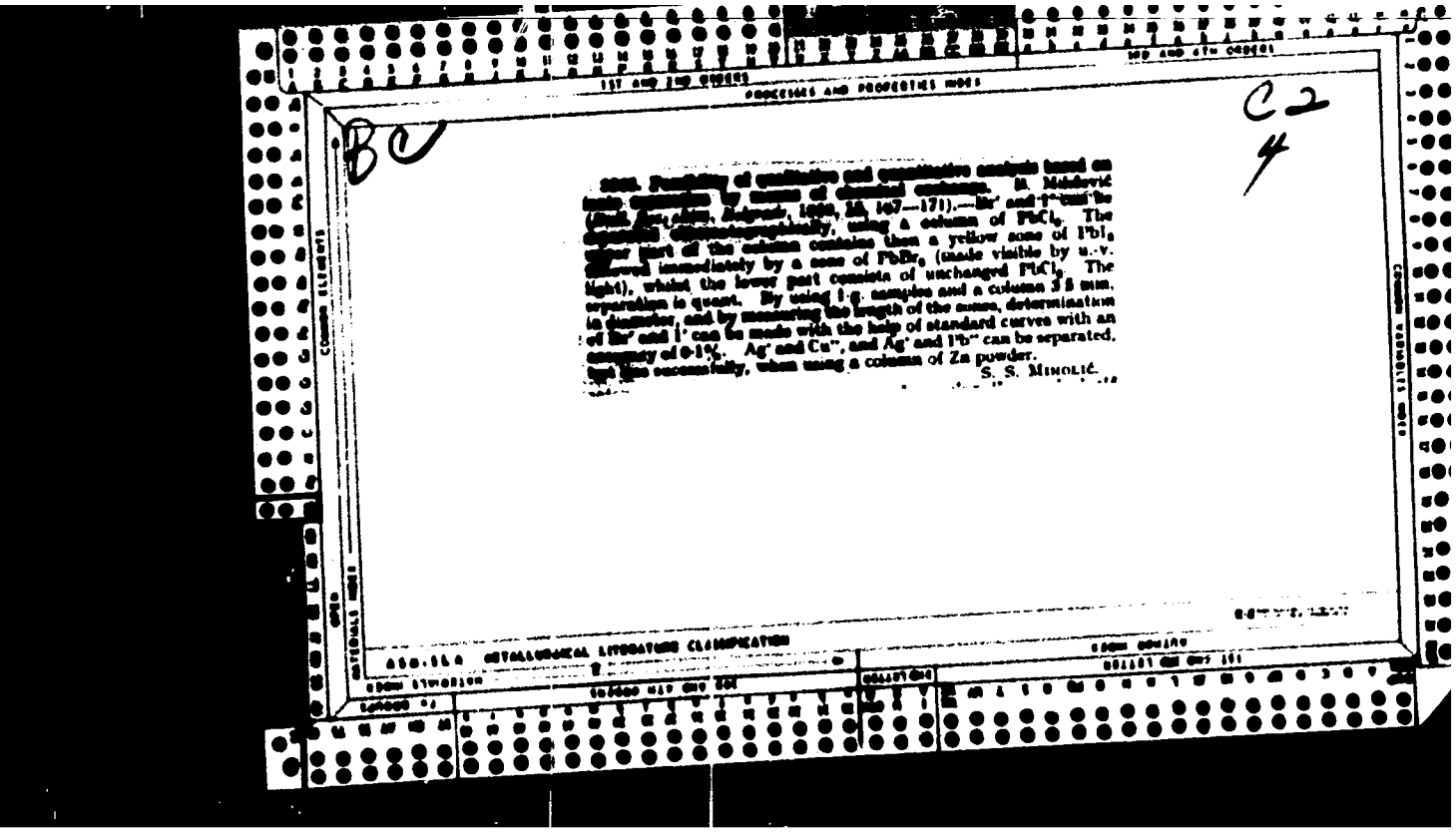

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

BC

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4

[illegible]. Possibility of qualitative and quantitative analysis based on [illegible] by means of chemical exchange. B. Mihlović (Bull. Soc. chim. Belgrade, 1959, 25, 167—171).—Br' and I' can be separated chromatographically, using a column of $PbCl_2$. The upper part of the column contains then a yellow zone of PbI_2 followed immediately by a zone of $PbBr_2$ (made visible by u.-v. light), whilst the lower part consists of unchanged $PbCl_2$. The separation is quant. By using 1-g. samples and a column 3.5 mm. in diameter, and by measuring the length of the zones, determination of Br' and I' can be made with the help of standard curves with an accuracy of 0·1%. Ag' and Cu'', and Ag' and Pb'' can be separated, but less successfully, when using a column of Zn powder.

S. S. Miholić.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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MELICHVIC, B.

"Motion of Liquids in Capillary Systems" p. 112
(CIAS, Vol. 208, no. 6, 1963, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1964/Uncl.

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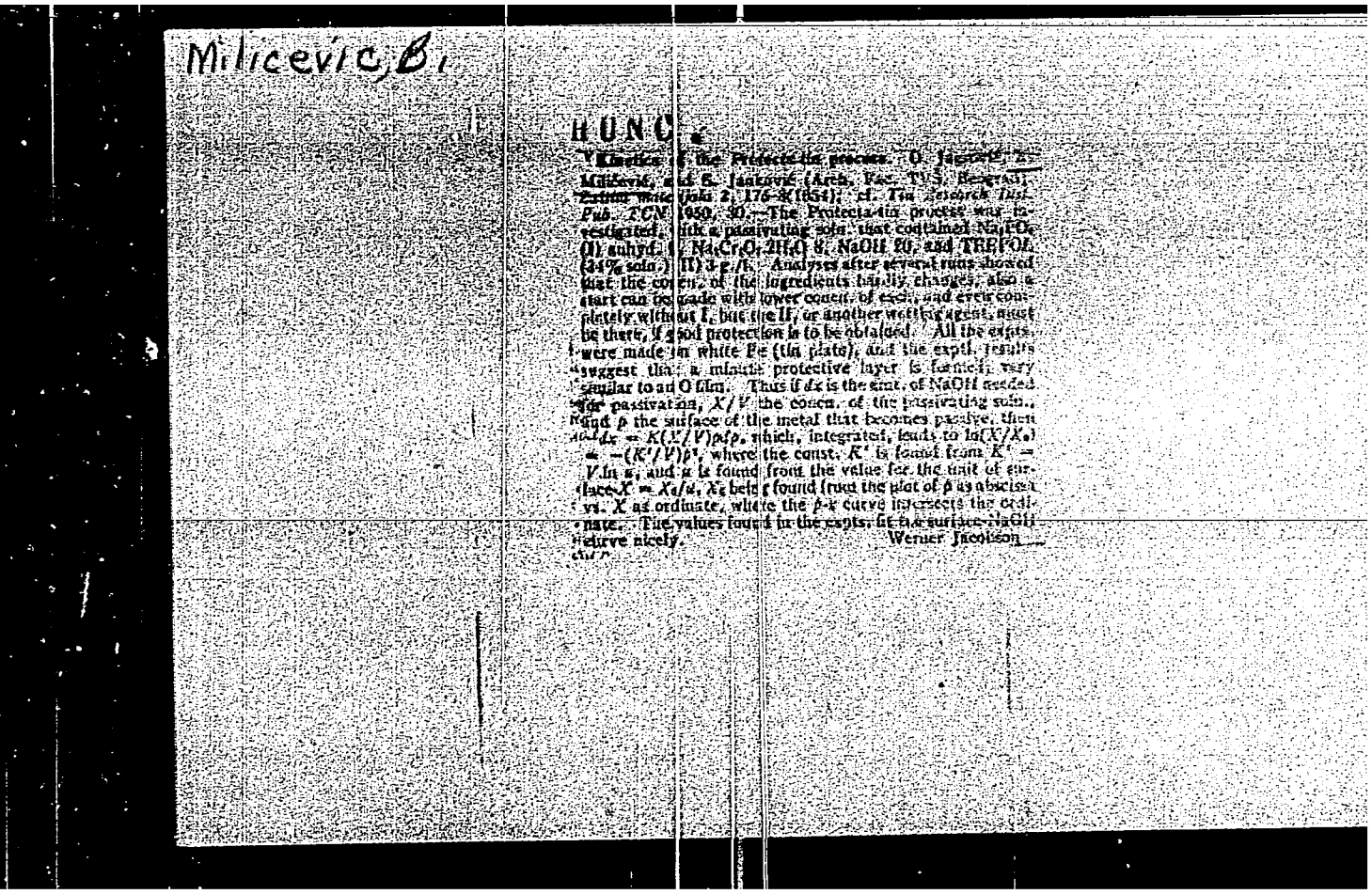

Milicevic, B.

HUNG.

Kinetics of the Protecta-tin process. O. Jaguović, Z. Milićević, and S. Janković (Arch. Rac. TVS, Beograd), *Zaštita materijala* 2, 176-8(1954); cf. *Tin Research Inst. Pub. TCN* 1950, 30.—The Protecta-tin process was investigated, with a passivating soln. that contained Na_2PO_4 (I) anhyd. 1, $Na_2Cr_2O_7 \cdot 2H_2O$ 8, NaOH 20, and TREPOL (34% soln.) (II) 3 g./l. Analyses after several runs showed that the concn. of the ingredients hardly changes, also a start can be made with lower concn. of each, and even completely without I, but the II, or another wetting agent, must be there, if good protection is to be obtained. All the expts. were made in white Fe (tin plate), and the exptl. results suggest that a minute protective layer is formed, very similar to an O film. Thus if dx is the amt. of NaOH needed for passivation, X/V the concn. of the passivating soln., and p the surface of the metal that becomes passive, then $dx = K(X/V)p\,dp$, which, integrated, leads to $\ln(X/X_0) = -(K'/V)p^2$, where the const. K' is found from $K' = V \ln u$, and u is found from the value for the unit of surface $X = X_0/u$, X_0 being found from the plot of p as abscissa vs. X as ordinate, where the p-x curve intersects the ordinate. The values found in the expts. fit the surface-NaOH curve nicely.

Werner Jacobson

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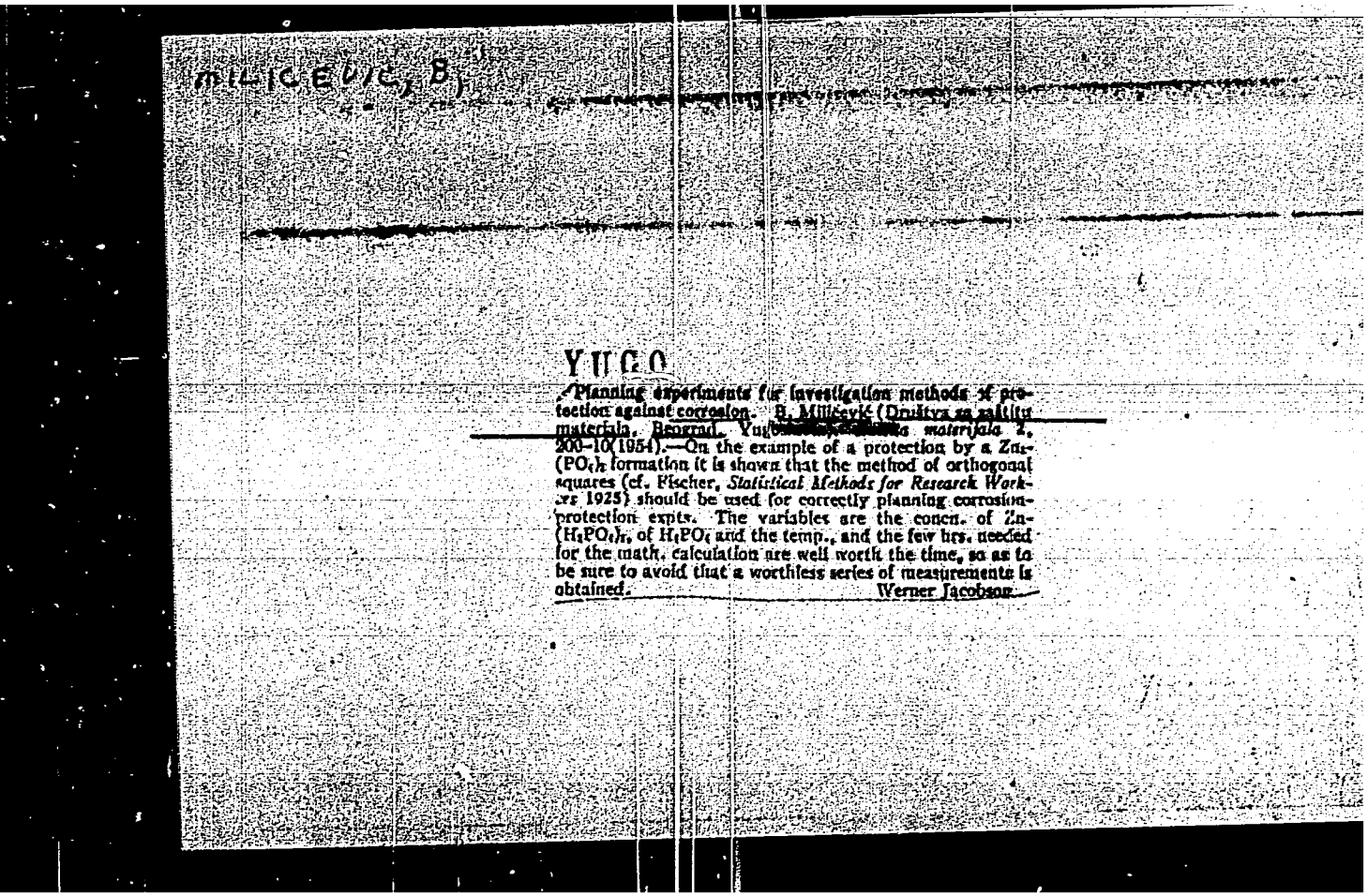

MILICEVIC, B.

YUGO

Planning experiments for investigation methods of protection against corrosion. B. Milićević (Društva za zaštitu materijala, Beograd, Yug[illegible] *Zaštita materijala* 2, 200–10 1954).—On the example of a protection by a $Zn_3(PO_4)_2$ formation it is shown that the method of orthogonal squares (cf. Fischer, *Statistical Methods for Research Workers* 1925) should be used for correctly planning corrosion-protection expts. The variables are the concn. of $Zn(H_2PO_4)_2$, of H_3PO_4 and the temp., and the few hrs. needed for the math. calculation are well worth the time, so as to be sure to avoid that a worthless series of measurements is obtained.

Werner Jacobson

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MILICEVIC, B.

Corrosion of tin-plate containers in the food industry. p. 1929. Vol. 9, No. 12, 1954. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 8, August, 1956.

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MILICEVIC, B.

Survey of new insecticides and analytic methods for determining their content. p. 252. Vol. 11, No. 2, 1956. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 8, August, 1956.

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MILICEVIC, B.

Survey of herbicides and methods for classifying them. p.1053.
TEHNKA (Savaz inzenjera i techicara Jugoslavije) Beogard.
Vol. 11, no. 7, 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

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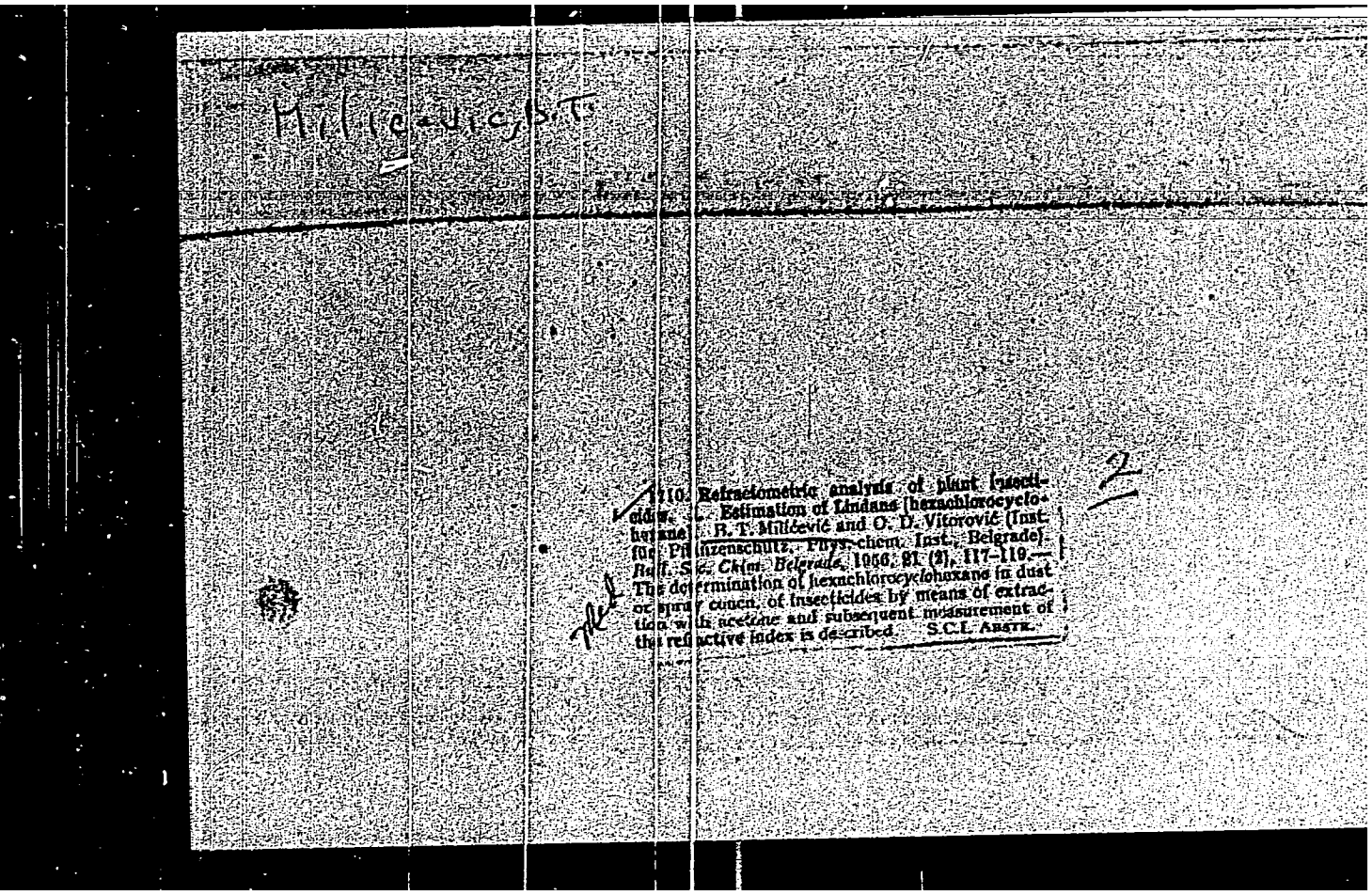

Refractometric analysis of plant [insecti-
Estimation of Lindane [hexachlorocyclo-
P. T. Milićević and O. D. Vitorović (Inst.
inzenschultz. Phys.-chem. Inst., Belgrade).
Ckim. Belgrade, 1956, 21 (2), 117–119.—
determination of hexachlorocyclohexane in dust
concn. of insecticides by means of extrac-
acetone and subsequent measurement of
active index is described. S.C.L. Abstr.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134230003-4

MILICEVIC, BRANIMIR T.

YUGOSLAVIA/Pesticides. H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65422

Author : Milicevic Branimir T.
Inst : -
Title : Acaridices.

Orig Pub : Kemija u industriji, 1958, 7, No 1, A-5--A-7.

Abstract : Review.
Bibliography with 40 titles.

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MILICEVIC, Branimir T.; JANKOVIC, Stevan D.

Analysis of substituted acetic acids used as herbicides. IV. Separation of thricloracetic acid and 2,4-dichlorophenoxyacetic acid. Gl.hem.dr. 23/24 no.1/2:67-73 '58/59. (EEAI 9:5)

1. Institute for Plant Protection, Beograd - Topcider, Faculty of Civil Engineering, Laboratory of Sanitary Engineering, Beograd.
(Herbicides) (Acetic acid) (Trichloroacetic acid)
(Dichlorophenoxyacetic acid)

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MILICEVIC, Branimir T.; KOSTIC, Ivanka Lj.

Analysis of substituted acetic acids used as herbicides. V. Joint determination of 2,4-dichlorophenoxyacetic acid and 2,4,5, trichlorophenoxyacetic acid by the differential solubility method in binary solvent. Gl.hem.dr. 23/24 no.1/2:75-78 '58/59. (EEAI 9:5)

1. Institute for Plant Protection, Beograd-Topcider, Faculty of Pharmacy, Institute for Anorganic and Analytical Chemistry, Beograd.
(Herbicides) (Acetic acid) (Trichlorophenoxyacetic acid) (Dichlorophenoxyacetic acid) (Solubility) (Solvents)

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MILICEVIC, B.

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V Saturated ternary systems. I. Some physicochemical properties of solutions of 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane and of γ-1,2,3,4,5,6-hexachlorocyclohexane in the systems water-acetone and water-p-dioxane. B. Milićević (Univ. Zagreb, Yugoslavia) and B. Milićević. *Croat. Chem. Acta* 31, 83-90(1959)(in English).—The soly. of 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane (p,p'-isomer of DDT) (I) and of γ-1,2,3,4,5,6-hexachlorocyclohexane (lindane) in the binary systems water-acetone and water-p-dioxane and the d., viscosity, surface tension, and n of both binary and the resp. ternary systems was detd. In the region corresponding to 20–25 mole % of either acetone or p-dioxane in the satd. ternary systems a sharp change of phys. properties indicates the existence of tri- or tetrahydrates of these org. solvents. A similar change in solns. contg. 50–60 mole % of the org. solvent may be explained by assuming a disintegration of its hydrate. In the H_2O–p-dioxane–I system 2 nonintermiscible layers were observed in the region from 30 to 62 mole % of p-dioxane. The results indicate that changes in phys. properties of ternary satd. systems are functionally dependent on the same changes in corresponding binary systems. II. Equation of solubility in a mixture of two solvents. B. Milićević (Inst. zaštitu bilja, Belgrade, Yugoslavia) and H. Iveković. *Ibid.* 91–98 (1960)(in English).—An equation derived for the soly. of a substance in a mixt. of two solvents reads $dM_s/M_s = KM_1'dM_1$, where M_s = mole fraction of dissolved substance, M_1 = mole fraction of one of the mixt. components, and K = const. of proportionality. N. Plavšić

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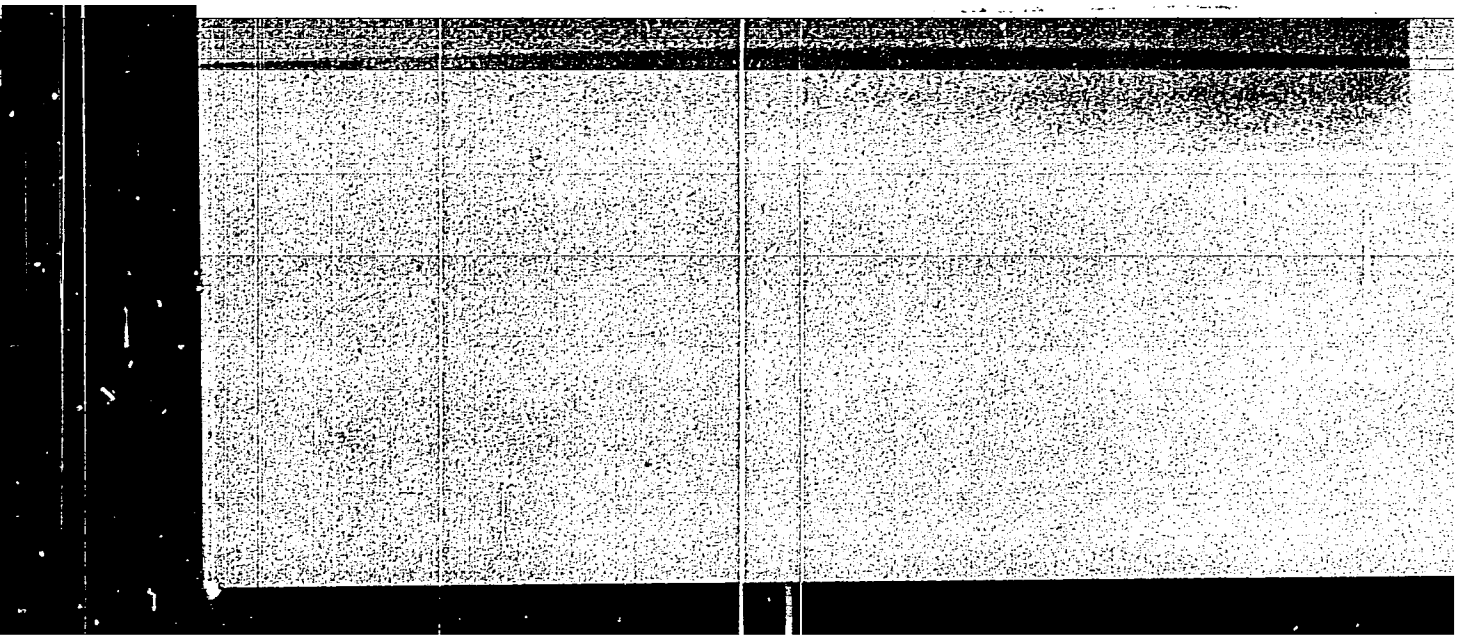

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MILICEVIC, C.

11th Special Session of the World Power Conference. p. 237.
(Elektroprivreda, Vol. 10, No. 5/6, May/June, 1957, Beograd, Yugslovia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl

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