

PETROVIC, S.; JANKOVIC, V.

Simple ion-exchange methods for the analysis of ribonucleic acids.  
Bul Inst Nucl 13 no.3:47-55 0 '62.

1. Department of Radiobiology.

BE CAREVIC, A.; JANKOVIC, V.; PETROVIC, S.; KANAZIR, D.; JOVICKI, G.

The metabolism of liver and spleen nucleic acids of lethally irradiated rats treated with homologous deoxyribonucleic acid isolated from non-irradiated rats. Bul Inst Nucl 13 no.4:35-41 D '62.

1. Department of Radiobiology of the Boris Kidrich Institute of Nuclear Sciences, Beograd-Vinca.

PETROVIC, S.; PETROVIC, J.; BECAREVIC, A.; JANKOVIC, V.

On the isolation and properties of ribonucleic acid from rat liver microsomal membranes. Bul Inst Nucl 14 no. 3: 175-184 J1 '63.

1. Department of Biochemistry and Biophysics of the Institute of Biology of Serbia, Belgrade (for J. Petrovic).
2. Department of Radiobiology, Boris Kidric Institute of Nuclear Sciences, Beograd-Vinca (for S. Petrovic, A. Becarevic, and V. Jankovic).
3. Member of the Editorial Board, "Bulletin of the Boris Kidric Institute of Nuclear Sciences" (for Becarevic).

\*

L 33532-66 IJP(c)

ACC NR: AP6023466

SOURCE CODE: CZ/0026/65/010/006/0469/0482

AUTHOR: Jankovic, Vojtech (Candidate of sciences)

ORG: District Computer Center SLPK, Bratislava (Oblastne vypoctove stredisko SLPK)

TITLE: Formulas for numerical solution of  $y' = f(t, y)$  containing higher derivatives

SOURCE: Aplikace matematiky, v. 10, no. 6, 1965, 469-482

TOPIC TAGS: error correction, numeric solution, mathematic prediction, differential equation system, interpolation

ABSTRACT: The article presents a general derivation of formulas containing higher derivatives for the numerical solution of  $y' = f(t, y)$ . The formulas are of two kinds, extrapolation and interpolation. The former are predictive, the latter, correction formulas. Orig. art. has: 50 formulas and 6 tables. [JPRS]

SUB CODE: 12 / SUBM DATE: 22May64 / SOV REF: 003 / OTH REF: 002

Card 1/1

JANKOVIC, Z.

Hatching apparatus. p. 169; GEODETSKI LIST. (Društvo geodeta Hrvatske)  
Zagreb; Vol. 10, no. 5/6, May/June 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress,  
Vol. 5, No. 12, December 1956.

YUGOSLAVIA/Farm Animals. General Problems.

Q-1

Abs Jour: Ref Zhur - Biol, No. 22, 1958, 101146

Author : Coporda, M., Jankovic, Z.

Inst : -

Title : Determining the Species of Domestic Mammals for  
Legal and Other Purposes on the Basis of Morpho-  
logical Bone Structure Differences.

Orig Pub: Veterin. glasnik, 1957, II, No. 7, 657-667

Abstract: Differentiations are established according to  
the following pairings and groupings of the  
animals: horses - cattle; sheep - goats; sheep -  
goats - swine; sheep - goats - dogs; swine -  
dogs; cats - rabbits. Pairings are executed  
according to the principle of closest bone simi-  
larities. For purposes of species determination,

Card 1/2

8

JANKOVIC, Zivojin, kap.geod.sl. (Beograd)

The "Ink-Mi ERT" electric rasper of India ink. Geod list 16  
no.4/6:202-205 Ap-Je '62.

1. Geografski institut Jugoslovenske narodne armije.

JANKOVIC, Zivojin, major

Cartographic signs on the Aero Seloteip cellophane bands. Geod list  
17 no.1/3:65-68 Ja-Mr '63.

1. Vojno geografski institut, Beograd.



JANKOVIC, Zivojin

Engraving of original topographic maps on plastic folios.  
Geod list 17 no.10/12:356-370 O.D'63.

1. Vojni geografski institut, Beograd.

PETROVIC, M. dr.; ANIC, B. dr.; SLAVIC, R. dr.; JANKOVIC, Z., dr.;  
MILENKOVIC, N., dr.

Our experience with working ability evaluation in diabetics.  
Med. glas. 18 no.3:84-87 Mr-Ap '64.

JANKOVIC, Z

JA KOVIC, Z.

Yugoslavia (130)

Science

Decrease of acceleration in components. p. 97.  
Glasnik Matematičko-Fizički I Astronomski, Vol.2,  
no. 3, 1947.

East European Accessions List, Library of Congress,  
Vol. 1, no. 17, Dec. 1952. UNCLASSIFIED.

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JANKOVIC, Z.

Yugoslavia (430)

Science

A report on the work of the Mathematics and Physics  
Section of the Croatian Natural Sciences Society in  
19 8. p. 235. GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI,  
Vol. 3, no. 5, 1948.

East European Accessions List, Library of Congress,  
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

JANKOVIC, ZLATKO

\*Jankovic, Zlatko. Prilog izgradnji mehanika TOBROS



JANKOVIC Z.

Yugoslavia (430)

Science

The variation principle in the theory of restricted relativity. p. 12. GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI, Vol. 5, no. 1, 1950.

East European Accessions List, Library of Congress, Vol. 1, no. 1, Dec. 1952. UNCLASSIFIED.

TANKOVIC ZLATKO

JANKOVIC, Zlatko

Mathematical Reviews  
Vol. 14 No. 10  
Nov. 1953  
Analysis

① Math  
Janković, Zlatko. Two recurrence formulas for the sums  $s_{2n}$ .  
Hrvatsko Prirodoslovno Društvo. Glasnik Mat.-Fiz.  
Astr. Ser. II. 8, 27-29 (1953). (Serbo-Croatian summary)  
The sums in question are  $s_{2n} = \sum_{k=1}^n k^{2n-1}$ .

7-13-54 LL

JANKOVI'Ć, Zlatko

Mathematical Reviews  
May 1954  
Analysis

10-7-54  
LL

Janković, Zlatko. On solutions of Hermite's and Laguerre's differential equation. Hrvatsko Prirodoslovno Društvo. Glasnik Mat.-fiz. Antr. Ser. II. 8, 133-148 (1953). (Serbo-Croatian summary)

The author derives the recurrence relation

$$c_{n+1}c_n y_{n-1} - 2xc_{n+1}y_n + 2(n+1)y_{n+1} = 0,$$

where the  $c_n$  are arbitrary constants, directly from Hermite's equation and discusses several families of solutions which satisfy the recurrence relation (for  $H_n(x)$ ,  $c_n = 2n$ ). This approach yields many classical results. It can be found in Magnus and Oberhettinger, Formeln und Sätze für die speziellen Funktionen . . . [Springer, Berlin, 1948, p. 107; these Rev. 10, 38] that functions analogous to the author's  $h_n(x)$  satisfy the recurrence formula of the  $H_n(x)$ . Solutions of Laguerre's equation are treated similarly.

N. D. Kazarinoff (Lafayette, Ind.)

JANKOVIC, Zlatko

JANKOVIC, Z.

Excerpt from the report of the Ruder Boskovic Institute in 1954. p. 279.  
GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI, Zagreb, Vol. 9, no. 3/4, 1954.

SO: Monthly List of East European Accessions, (MEAL), IC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

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JANKOVIC, ZLATKO

Category : YUGOSLAVIA/Nuclear Physics - Nuclear Reactions

C-5

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3232

Author : Jankovic, Zlatko

Inst : Inst. "Ruder Boskovic", Zagreb, Yugoslavia

Title : A Contribution to the Theory of Neutron Reactions.

Orig Pub : Glasnik mat.-fiz. i astron., 1955, 10, No 1-2, 47-64

Abstract : The cross section of scattering of neutrons by nuclei is calculated with the aid of an optical model in which the potential has a diffuse boundary. It is proposed that the potential diminishes linearly in the diffuse-boundary region. The dependence of the results on the choice of the depth of the potential well, on the width of the diffuse boundary, and on the size of the imaginary part of the potential was investigated.

Card : 1/1



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S/044/62/000/006/003/127  
B112/B104AUTHOR: Janković, Zlatko

TITLE: Coulomb wave functions

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 9, abstract  
6B51 (Glasnik mat.-fiz. i astron." v. 15, no. 4, 1960, 279.- 298)

TEXT: The aim of the present paper is to give, as far as possible, an elementary and complete description of the theory of the functions mentioned in the title. Contents: §1. Report on the results of the classical problem concerning the motion of two particles interacting according to the Coulomb law. §2. Brief description of the theory of confluent hypergeometric functions, based on a systematic use of certain recurrence relations. §3 contains a study of solutions for the equation

$$u_1''(\rho) + \left[ \gamma - 2\eta/\rho - 1(1 + 1)/\rho^2 \right] u_1(\rho) = 0$$

(which occurs when the variables in the Schrödinger equation are separated) which can be characterized by a certain behavior near the origin of coordinates  
Card 1/2

Coulomb wave functions

S/044/62/000/006/003/127  
B112/B104

nates and at infinity. These solutions are expressed in terms of functions introduced in §2 and are represented as superpositions of simple waves. In §4 certain recurrence relations are determined for the functions  $u_1(\rho)$ .  
[Abstracter's note: Complete translation.]

Card 2/2

JANKOVIC, Zlatko

On confluent hypergeometric differential equations. Rad mat fiz  
teh JAZU no.319:59-119 '61.

JANKOVIC, Zlato (Zagreb)

A note on the special theory of relativity. Glas mat fiz Hrv 19 no.1/2:  
75-86 '64.

1. Institute of Mathematics of the University of Zagreb, Zagreb, and  
Ruder Boskovic Institute, Zagreb.

ADAMOV, Dragoljub; MILOVANOVIC, Milan; MARTINIC, Uros; KOVACEVIC, Milan;  
JANKOVIC-BRMBOLIC, Ana; SIMIC, Vera

Primary bronchiectasic aspergilloma. Srpski arh. celok. lek.  
87 no.6:582-592 Je '59.

1. Gradska bolnica za grudobolne u Beogradu, Zemun - Bezanska Kosa,  
upravnik: prim. dr Ljubisa Ilic; Mikrobioloski institut Medicinskog  
fakulteta u Beogradu, upravnik: prof. dr Milutin Burisic; Institut  
za tuberkulozu NR Srbije u Beogradu, direktor: prof. dr Milic Grujic.  
(ASPERGILLOSIS compl.)  
(BRONCHIECTASIS etiol.)

JANKOVIC-BRMVOLIC, A.

YUGOSLAVIA

M. MILOVANOVIC, M. SRETEOVIC, B. STAMBOLOVIC and A. JANKOVIC-BRMVOLIC  
Department of Microbiology of Medical Faculty (~~Microbioloski~~ Institut  
Medicinskog fakulteta) and Gynecologic Outpatients Unit of the First  
Peoples' Health Institute (Dispanzer za zene I Doma narodnog zdravlja)  
Belgrade.

"A Study of Resistance of Trichomonas vaginalis Under Varying Conditions."

Belgrade, Higijena, Vol 14, No 2-3-4, 1962; pp 130-139.

Abstract [German summary modified]: A study of the survival of unspecified  
number of strains of T. vaginalis on various solid substances (fabrics,  
paper, wood, metal) indicates main factor is amount of fluid available;  
rapid drying destroys the flagellate. Study in various natural mineral  
waters: susceptibility varies with strain. Flagellates were found in 34%  
of urethrae of sexual partners of women with chronic trichomonal  
vaginitsis (no further data on this topic.) Conclusion: coital or fomite  
transmission is likely, spa or public bath less likely. Three Yugoslav,  
2 Western references.

1/1

MILOVANOVIĆ, Milan; JANKOVIĆ-BENEŠIĆ, Ana; SMETENKOVIĆ, Mihailo

Contribution to the study of the problem of candidiasis. Srpski  
arh. celok. lek. 91 no.12:1141-1155 D '63.

1. Mikrobioloski institut Medicinskog fakulteta Univerziteta u  
Beogradu. (Upravnik: prof. dr. Milutin Curisic).



JANKOVIC-MILOSAVLJEVIC, R.

TECHNOLOGY

PERIODICALS

JANKOVIC-MILOSAVLJEVIC, R. Contents of iron and temperature of the formation of sphalerite in individual Yugoslav mines. p. 19. No. 3, 1955. Published 1957.

Monthly List of East European Accessions (EEAI) Vol. 11, No. 2  
April 1959 Unclass.

JANKOVIC-MILISAVLJEVIC, R.

TECHNOLOGY

PERIODICALS

JANKOVIC-MILISAVLJEVIC, R. Argentiferous ores from Kucajna. p. 51.  
No. 3, 1955. Published 1957.

Monthly List of East European Accessions (EEAI) Vol. 11, No. 2  
April 1959 Unclass.



Bulgaria, Acta Veterinaria Vol. 11, No. 2, 1961 (continued)

Faculty, Bulgaria 77 71-60

No. 10, Microbiological Center in Academy of Sci. of Bulgaria, State Scientific Microbiological Institute, Veterinary Faculty, Bulgaria 77 01-95

1. Institute of Bacteriology, Zoology and Parasitology & Pathology, Faculty of Veterinary Medicine, Sofia, Bulgaria

2. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

3. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

4. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

5. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

6. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

7. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

8. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

9. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

10. Institute of Pathology and Bacteriology, Faculty of Veterinary Medicine, Sofia, Bulgaria

30

8/2

JANKOVICH, Adel, dr.

Vaginal fangothrapy in 1300 cases of chronic adnexitis. Magy.  
noorv. lap. 17 no.3:155-159 May 54.

1. A Balneoterapia szkovosa.  
(MUD THERAPY, in various diseases,  
adnexitis, vaginal technic)  
(ADNEXITIS, therapy,  
mud ther., vaginal technic)

JANKOVICH, Antal, dr.

An alternating current locomotive with excellent adhesive characteristics. Vasut 14. no.11:13 N '64.

JANKOVICH, Antal, dr.

Electric brake for electric railway. Vuzs 15 no.1:26-27 Ja  
'65.

YUGOSLAVIA / Microbiology. Microbes Pathogenic to Man F-5  
and Animals. Bacteria. Bacteria of the  
Intestinal Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72150.

Author : Katich, R.; Pukhach, I.; ~~Jankovich, B.~~; Simono-  
vich, B.; Khrgovich, N.; ~~Bandur, B.~~

Inst : Not given.

Title : Influence of Photoclimatic Factors on the Form-  
ation of Immune Globulins in Rabbits Immunized  
with S. typhimurium.

Orig Pub : Acta veterin., 1957, 7, No 2, 65-66.

Abstract: Two groups of rabbits were immunized with increas-  
ing doses of S.typhimurium; the first group was  
kept in darkness, the second in daylight. By  
means of electrophoretic analysis, great individ-  
ual fluctuation was found in the content of dif-

Card 1/2

YUGOSLAVIA / Microbiology. Microbes Pathogenic to Man F-5  
and Animals. Bacteria. Bacteria of the  
Intestinal Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72150.

Abstract: ferent fractions of globulins in the serum of the  
rabbits. It was established that as a result of  
immunization only the content of gamma-globulin  
in the serum of the rabbits of the second group  
increased significantly; the increase was in-  
significant in the serum of the rabbits of the  
first group. -- V. V. Vlodayets.

Card 2/2



The frequency of oscillators depends upon the relative values of the circuit. These constants are...

S/035/62/000/007/002/083  
A001/A101

AUTHOR: Jankovich, Nenad

TITLE: Rudzher Boshkovich in life and science

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 6,  
abstract 7A19 ("Vasiona", 1961, v. 9, no. 2, 33 - 39, Serbo-Croatian)

TEXT: The main periods of the life and activities of the Yugoslavian  
scientist, Rudzher Boshkovich (1711 - 1787), are briefly described. Complete  
bibliography (73 titles) of R. Boshkovich's astronomical publications is pre-  
sented. ✓

[Abstracter's note: Complete translation]

Card 1/1



JANKOVITS, L.

543.84:515.220

4. Method and apparatus for the destruction of organic substances -- *Eljárás és készülék szerves anyagok*

Hungarian  
Technical  
Abst.  
Vol. 5  
1953

*roncsoldósra* -- L. Erdey and L. Jankovits. (Hungarian Journal of Chemistry -- *Magyar Kémiai Folyóirat* -- Vol. 58, No. 4, April 1952, pp. 100-111, 1 fig., 9 tabs.)

An apparatus was designed for the destruction of organic substances or compounds with a low fat content in a liquid phase at atmospheric pressure by nitric acid or, alternatively, by nitric acid and hydrogen peroxide. The apparatus proved to be very adequate for the treatment of substances with a high water content since it is possible to evaporate the water before the addition of oxidizing agents. After the treatment the excess acid is evaporated and the residue determined as nitrates or transformed into other salts suitable for analysis. The amount of excess acid needed for the treatment could be reduced to 11 per cent and the destruction could be effected in a relatively short time. A further advantage of the method is the possibility to return the used destroying agents and, therefore, impurities originating from the repeated addition of oxidizing agents were eliminated. The apparatus is adaptable for the use of sulphuric acid-nitric acid or other mixtures of oxidizing agents. Extraction processes and distillation of volatile compounds can also be effected in the apparatus. The size of the vessel can be altered to suit samples which may vary from minute to large sizes.

*D. Varsányi*

Jankovits, L.

JANKOVITS, L

Determination of small amounts of calcium with pyrazole blue.  
L. Erdely and L. Jankovits (*Acta Chim. Hung.*, 1957, 4, 235-244).—

Picrolonic acid is the best pptg. agent for the determination of Ca in alumina but with very minute quantities of the element the colorimetric measurement of pptd. Ca picrolonate is difficult owing to the low value of extinction coeff. It is preferable to convert the picrolonic acid into pyrazole blue. The neutral Ca salt soluble in a 15-20 ml. centrifuge tube is treated gradually and with constant stirring with 0.01N-picrolonic acid (3 ml.) and centrifuged after 24 hr. and the ppt. is washed with water saturated with Ca picrolonate (1 ml.). The united solutions are treated with 1%  $H_2SO_4$  and ~10%  $K_2S_2O_8$  at 100° for 5-10 min. and the pptd. pyrazole blue is extracted by chloroform from the cooled solution. The chloroform solution is examined after 30 min. using a Pulfrich photometer and a SS3 filter. Alternatively, the pptd. Ca picrolonate is dissolved in HCl and oxidised to pyrazole blue which is colorimetrically determined.

H. WAZEN

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JANKOVITS, L

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JANKOVITS, L.

3

17. Application of polyphosphoric acids in chemical analysis as substitutes for Trilon B -- L. Jankovits (Magyar Kemiai Egyesulet -- Vol. 60, 1954, pp. 365-373, 3 figs., 10 tabs)

The polyphosphoric acid group was investigated in order to find an appropriate standard solution for substituting Trilon B in chemical analyses. Among the polyphosphoric acids studied tripolyphosphoric acid was found suitable for titration procedures based on complex formation. Tripolyphosphoric acid of a 0.01 or lower molarity dissolved in water or in a 0.001 M sodium hydroxide solution proved to be an excellent substitute for Trilon B if the titrations were carried out at room temperature and in the pH range 10 to 11. The reagent can be conveniently prepared in the laboratory by the fusion of a mixture containing sodium ammonium hydrogen phosphate and dibasic sodium phosphate in appropriate amounts.

JANKOVITIS, L.; ERDEY, L.

Determination of the calcium content of aluminum silicate. p. 1. Vol 6, no. 1/2,  
1955. KOZLETENYEI. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

JANKOVITIS, L.

✓ Calcium determination in alumina. L. JANKOVITIS AND L. ERDŐY *Acta Chim. Acad. Sci. Hung.* (1955) 13-14, 1955. (In German).—The possibilities of determining the Ca content in alumina, particularly in bauxite, were examined for the purpose of improving present methods and developing new ones. Reliable determinations were made by precipitating the Ca with oxalate, potassium nickel nitrite, picrolonic acid, naphthalhydro-

nic acid, and chloranilic acid or by titration with Komplexon. The most accurate methods are the direct colorimetric measurement and the colorimetric determination in the form of naphthalhydroxamate, 0.01% 17 references. M.H.A.

13-14, 1955.

(7)

LASZLO JANKOVITS

E-2

HUNGARY / Analytical Chemistry, Analysis of Inorganic  
Substances.

Abs Jour : Ref Zhur - Khim., No 10, 1958, NO 32172

Author : Laszlo Jankovits

Int : Academy of Sciences of Hungary.

Title : Determination of Little Amounts of Calcium with Iodoanil  
Acid Homioster.

Orig Pub : Magyar tud. akad. kom. tud. oszt. kozl., 1956, 7, No 2,  
141-152.

Abstract : Soc RZhKhim, 1957, No 19536.

Card 1/1

JANKOVITS L.

"APPROVED FOR RELEASE: 08/10/2001

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SHANABY, L

APPROVED FOR RELEASE: 08/10/2001

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**APPROVED FOR RELEASE: 08/10/2001      CIA-RDP86-00513R000619510012-6"**

JANKOVITS, L.

Volumetric analysis of iron (III) ions by means of tripolyphosphoric acid. In German.

P. 179, (Acta Chimica) Vol. 11, no. 1/2, 1957, Budapest, Hungary

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



JANKOVITS, L.

Distr: 4E2c(j)

31. Titration of calcium using Eriochrome Red B indicator. J. JANKOVITS, L. H. DEY Magyar Kémiai Folyóirat, Vol. 64, 1958, No. 2, pp. 50-55, 1 fig, 12 tabs.

3  
2-12-58  
1

Eriochrome Red B is suitable for indicating the end point of titrations in the presence of E. D. T. A. The indicator is a dioxazo dye and forms complexes with many cations. These complexes are formed due to the action of the azo and hydroxyl groups and is accompanied with a sharp change of colour. When titrating metal ions in a suitably buffered solution by means of E. D. T. A. the formation of the complex may be used for indicating the end point. Titrations with Eriochrome Red B indicator can be best carried out in the pH range of 9 to 10; such values can be readily adjusted by means of  $\text{NH}_4\text{OH}-\text{NH}_4\text{Cl}$  or boric acid-sodium hydroxide or borate-hydrochloric acid buffers. The titration of calcium ions may take place in these buffers by means of an E. D. T. A. (complexon III) solution; the indicator is 0.5 ml of a 0.6 g/100 ml aqueous Eriochrome Red B solution. At the point of equivalence the yellow colour of the indicator turns into blood-red.

LB  
1/1

*[Handwritten signature]*

JANKOVITS, Laszlo

Volumetric determination of silicon content in rocks.  
Magy kem lap 18 no.12:620-621 D '63.

1. Magyar Allami Foldtani Intezet.

JANKOVSKY, B.

Fish culture as a side line of rice growing. p. 171.  
SBORNIK, RADA ZEMEDLESKA EKONOMIKA. Praha. Vol. 29,  
No. 3, May 1956.

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

JANKOVSKY, Frantisek, inz.; LANGA, Ivo, inz.; VESELY, Josef.

Qualitative evaluation of the operation of sugar beet harvester  
lifting units. Zemedel tech 10 no.8:501-508 Ag'64.

1. Research Institute of Agricultural Machines, Chodov near  
Prague, Direktor of the Institute: inz. Jaroslav Homolka.

JANKOVSKY, J.

Introducing over-all Stakhanov technology, p. 95.  
STROJIRENSKA VYROBA, Prague, Vol. 2, no. 3, Mar. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

JANKOVSKY, J.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619510012-6

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619510012-6"

JANKOVSKY, J.; KSIR, O ; FOLLPRACHT, K.

Analysis of the Preloc manganese ore. p. 101. (Rudy, Vol. 5, No. 3, Mar 1957, Praha, Czechoslovakia)

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



JANKOVSKY Josef

CZECHOSLOVAKIA/Analytical Chemistry - Analysis of  
Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24770

Author : Jankovsky Josef

Inst : -

Title : Complexometric Titration (Chelatometry). XXVI. Complexometric Titration of Tin.

Orig Pub : Chem. listy. 1957, 51, No 2, 373-376; Sb. chekhosl. khim. rabot, 1957, 22, No 3, 1052-1055

Abstract : At pH about 5  $\text{Sn}^{4+}$  reacts with pyrocatechol violet (I) to form a blue complex. If the solution contains Complexon III (II),  $\text{Sn}^{4+}$  combines with II to a complex and the color reaction with I does not take place. On addition of Zn-salt the  $\text{Sn}^{4+}$  is displaced from the complex with II and undergoes the color reaction with I. Displacement of  $\text{Sn}^{4+}$  occurs at 70-80° at a sufficiently rapid rate as a result of which the possibility is provided of carrying out an

Card 1/3

24

JANKOVSKY, J.

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of In- E  
organic Substances.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67305.

Author : Ksir O., Jankovsky J., Follpracht K.

Inst : Not given.

Title : Titrimetrical Determination of Sulfur in Pyrites  
Utilizing Ion Exchange Substances.

Orig Pub: Rudy, 1958, 6, No 2, P1 - P 3.

Abstract: A rapid method for the determination of sulfur in  
pyrites is described. The analyzed sample is dis-  
solved in aqua regia, the interfering cations are  
determined with the use of a cationite FN, and  
 $SO_4^{2-}$  is determined by titration with a solution

Card 1/2

JANKOVSKY, J.

Photometric determination of gallium with malachite green. Joseph Jankovsky (Inst. Ore Research, Prague) *Talanta* 2, 29-37 (1955).—This method describes a selective and sensitive extn.-photometric detn. of Ga with malachite green with as little as 0.001% Ga in bauxites, Zn ores, and ashes without preliminary sepn. After the isolation of Ga by ether extn. even smaller amts. can be detd. Bella L. Rosenfeld

4  
4E2C

SW  
1/1

for J&J

JANKOVSKY, Josef, inz.

Complexometric determination of calcium and magnesium in iron ores.  
Hut listy 16 no.7:506-508 JI '61.

1. Ustav pro vyzkum rud, Praha.

JANKOVSKY, Josef, inz.

Photometric determination of tin in ferrotungsten. Hut listy, 18  
no.4:276-278 Ap '63.

1. Ustav pro vyzkum rud, Praha.

I 18508-66 EJP(t) IJP(c) JD

ACC NR: AP6010255

SOURCE CODE: CZ/0034/65/000/003/0205/0206

AUTHOR: Jankovsky, Josef (Engineer)

ORG: Institute for Ore Research, Prague (Ustav pro vyzkum rud.)

TITLE: Photometric determination of Sb in a Zn-Pb ore and the products of its treatment

SOURCE: Hutnicke listy, no. 3, 1965, 205-206.

TOPIC TAGS: photometry, antimony, zinc, lead, photometric analysis, photometer, iron compound

ABSTRACT: The iodometric method for photometric determination of Sb was modified to be suitable in the presence of higher amounts of Fe and Cu. Ferric compounds are reduced by ascorbic acid in the presence of iodide, and after reduction and addition of thio-urea react with the precipitate of CuI and form a soluble colorless compound. Experience with the method in analyzing ore from Pribram containing Zn-Cu for Sb is described. The color reaction is conducted directly in the filtrate, after decomposition with concentrated sulfuric acid. The apparatus designed by the author is described; quality of reagents required in the process is given; influence of impurities is described. Operational method, and calibration curves are described. The results agree with other colorimetric, and with polarographic method. Orig. art. has: 1 figure, 1 formula, and 2 tables. [JPRS]

Card 1/2

4.2  
B

2

L 18508-66

ACC NR: AP6010255

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 005  
SOV REF: 001

Card

2/2

L 34930-66 EWP(t)/ETI IJP(c) JD

ACC NR: AF6026633

SOURCE CODE: CZ/0034/66/000/004/0274/0276

AUTHOR: Jankovsky, Josef (Engineer)

ORG: Institute for Research of Ores, Prague (Ustav pro vyukum rud)

TITLE: Photometric determination of indium in zinc concentrates

SOURCE: Hutnicke listy, no. 4, 1966, 274-276

31  
12

TOPIC TAGS: photometric analysis, indium

ABSTRACT: Colorimetric methods for the determination of Indium are discussed. Isolation of In from minerals is described. Apparatus for photometric determination of In, and the required reagents are described. The method suggested by the author uses Rhodamine B; In is extracted by isopropylether from a medium of 6N HBr acid. Operational details and the preparation of calibration curves are described. The method is easily reproducible, and its accuracy is about equal to that of polarography. Orig. art. has: 1 figure and 1 table. [JPRS: 36,646]

SUB CODE: 20, 07 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 015  
OTH REF: 018

Card 1/1 ULR



JANKOVSKY, Jaroslav, inz.

Use of the highest technology in the constructions for the ironworks, Vychoslovenske zeleziarne. Tech praca 15 no.10: 814-822 0 '63.

1. Vychoslovenske zeleziarne; vedecky tajemnik Krajski rady Ceskoslovenske vedecko-technicke spolocnosti Vychodoslovenskeho kraje.

CZECHOSLOVAKIA

PERLES, M; JANKOVSKY, M

1. Department of Organic Chemistry, Institute of Chemical Technology, Prague - (for ?). 2: Department of Chemistry, Institute of Agriculture, Prague-Suchbát - (for ?)

Prague, Collection of Czechoslovak Chemical Communications,  
No 7, July 1966, pp 3008-3011

"Studies in the pyridine series. Part III: Novel procedures  
of preparing 3-butylisonicotinic acid."

GERAT, Pavel, inz.; JANKOVSKY, Vladimir, inz.

Determination of maximum temperatures in the armature of electric  
machines with axial ventilation. El tech obzor 53 no. 68331-337  
Je '64.

1. Higher School of Transportation, Zilina.

JANKOWIAK, Adam

Alpha and beta strains of Escherichia coli in well water in the Poznan region. Pediat.polska 30 no.8:731-734 '55.

1. Z Zakladu Mikrobiologii Lekarskiej A.M. w Poznaniu. Kierownik: prof.dr med. J. Adamski, i z Zakladu Higieny A.M. w Poznaniu, Kierownik: dr med. A.Jankowia; Poznan, Fredry 10.

(WATER SUPPLY, bacteriology,

E. coli, alpha & beta strains in well water)

(ESCHERICHIA COLI,

in well water, alpha & beta strains)

POLAND / Microbiology - Sanitary Microbiology.

F-3

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38426

Author : Jankowiak, A., Rudnicka, M.

\* Inst : Not given.

Title : Investigation of Air Infection by Microorganisms  
in Some Poznan Hospitals.

Orig Pub: Prace Komis. med. doswiadcz. Poznan. towarz. przy-  
jaciol nauk., 1956, 14, No 1, 53-6.

Abstract: A study was conducted of bacterial air contamina-  
tion in clean operating rooms, maternity quarters,  
and infant wards by the Gollender and Dall-Valle  
apparatus (Public Health Depts, 1939, 54, 574).  
Before starting operations, twice as many bacteria

Card 1/2

\* Z ZAKŁADU MIKROBIOLOGII LEKARSKIEJ CKIER.: PROF. DR. J. ADAMWLI); ZAKŁADU  
HIGIENY (KIER.: PROF. DR. A. JANKOWIAK) AKADEMII MEDYCZNEJ W POZNANIU.

JANKOWIAK, Adam; BARTKOWIAK, Zbigniew

Analysis of casualties in children and adolescents in primary schools  
in the Poznan region. *Pediat. pol.* 36 no.5:551-556 '61.

1. Z Zakladu Higieny AM w Poznaniu Kierownik: p.o. prof. dr med.  
A Jankowiak i z Wojewodskiej Stacji Sanitarno-Epidemiologicznej w  
Poznaniu Dyrektor: dr med. S.Grzymala.  
(ACCIDENTS in inf & child)

WRONKOWSKI, Cz.; ZIEMBINSKI, L., mgr inż.; PAWLIKOWSKI, T.; POPIELSKI, W.,  
mgr inż.; WROBLEWSKA, Z., mgr; JANKOWIAK, Jozef, prof. dr

Review of publications. Gaz woda techn sanit 37 no. 3:113-116,  
3 of cover Mr '63.

JANKOWIAK, Jozef.

Pioneer of scientific hydrotherapy Dr. Jozef Strus. Polski tygod.  
lek.10 no.46:1519-1520 14 Nov.'55.

1. W 400 rocznice wydania jego dzieła pt. Nauka o tetnie. Z  
Instytutu Balneoklimatycznego w Poznaniu, dyrektor: dor. dr Jozef  
Jankowiak.

(HYDROTHERAPY, history,  
in Poland, contribution of Jozef Strus)

(BIOGRAPHIES,  
Strus. Jozef.)



JANKOWIAK, Jozef

Effect of short wave diathermy and balneotherapy of acute rheumatism  
on urinary 17-ketosteroids. Fysiat.vest., Praha 33 no.5:182-192  
Oct 55.

1. Z Balneoklimatologickeho ustavu v Poznani, reditel doc. dr.  
J.Jankowiak

(URINE,

17-ketosteroids in rheum. arthritis, eff. of diathermy  
& balneother.)

(STEROIDS, in urine,

17-keto, in rheum. arthritis, eff. of diathermy &  
balneother.)

(BALNEOLOGY, in various diseases,

rheum. arthritis, eff. on urinary 17-ketosteroids)

(DIATHERMY, in various diseases,

short wave, in rheum. arthritis, eff. on urinary  
17-ketosteroids)

EXCERPTA MEDICA Sec. 17 Vol. 3/5 Public Health May 57

1541. JANKOWIAK J. Inst. Balneoklimatycznego, Poznań. \*Niekóre zagadnienia z dziedziny leczenia uzdrowiskowego. Certain problems of treatment in health resorts PROBL. LEK. 1956. 3/1 (8-18)  
The importance of treatment of occupational diseases in health resorts is emphasized. Diseases treated in the health resorts are enumerated and data about pathological cases treated presented. Diseases of the locomotor system (rheumatism, post-traumatic states) amount to 50% of the total. Diseases of the circulatory system are second (17%), those of the digestive system third (11%) and diseases of the respiratory system (tb excluded) fourth (10%). The still existing drawbacks in the work of Polish health resorts are discussed and the long-term plan announced providing the outlines of a considerable modernization.

JANKOWIAK, Josef

Physical treatment of rheumatic diseases. Postępy reumat. no.3:159-166  
1957.

1. Z Instytutu Balneoklimatycznego w Poznaniu. Dyrektor: doc. dr  
J. Jankowiak.

(RHEUMATISM, ther.

phys. ther. in rheum. dis. (Pol))

(PHYSICAL THERAPY, in various dis.

rheum. dis. (Pol))

JANKOWIAK, Jozef (Poznan, ul. Slowackiego 8/10. Inst. Balneoklimatyczny)

Balneotherapy in the light of foreign theories. Polski tygod. lek.  
13 no.44:1738-1741 3 Nov 58.

1. (Z Instytutu Balneoklimatycznego w Poznaniu; dyrektor: doc. dr med.  
J. Jankowiak)  
(BALNEOLOGY  
review (Pol))

EXCERPTA MEDICA Sec 19 Vol 2/5 Rehabilitation May 59

1128. The influence of thermal balneological stimuli on the water metabolism of the body Wpływ termicznych bodźców kąpielowych na gospodarkę wodną ustroju. JANKOWIAK J., BISKUPSKA G., DURKALIC J., GÓRNIOK A., KUHN M., RACHLEWICZ J., TYSPIR Z. and WOJCIK A. Inst. Balneoklimat., Poznań *Pol. Arch. Med. wewn.* 1958, 28, 1 (519-521) Graphs 4

The influence of balneological stimuli at 39° C. and of intensive balneological stimuli at 42° C. (according to Walinski) on the water and electrolyte metabolism of the body was examined. Tests were carried out on healthy persons and on rheumatic patients. After baths at 39° C. a general decrease in hydration of the blood cells was observed, while the total amount of water in the blood and in the plasma, as well as the extracellular hydration of the tissues (conductometric method) and the mineral components of the plasma and blood, were not affected. The general loss of water by extrarenal routes amounted on the average to 250 g. Compared with the healthy group, a distinct increase in extrarenal loss of water was found in phase I of hypertensive vascular disease and in hyperthyroidism, while a decreased loss was noted in the late phases of hypertensive vascular disease and in hypothyroidism. In balneological procedures at 42° C. (according to Walinski), the general loss of water by extrarenal routes amounted to 900-2,600 g. Here, changes were found in the total amount of water in the blood and blood cells, as well as changes of the haematocrit and of the plasma protein concentration. Investigations performed with Evans blue and sodium rhodanate showed that under the influence of a powerful thermal stimulus there are shifts within both the intravascular and the extracellular spaces.

EXCERPTA MEDICA Sec 19 Vol 2/5 Rehabilitation May 59

1162. The influence of ultra-sound on the heart muscle of rats, based on histological findings Der Einfluss des Ultraschalls auf den Rattenherzmuskel auf Grund histologischer Untersuchungen. JANKOWIAK J., HASIK J. and MAJEWSKI C. Poln. Staatl. Inst. für Balneol. und Klimatol., Poznań *Arch. phys. Ther. (Lpz.)* 1958, 10/1 (51-58) Illus. 4

A report on the application of an ultra-sound apparatus to the heart muscle of one-year-old male anaesthetized rats, with a frequency of 800 kHz and sound-strength of 1 Watt/sq. cm., for periods ranging from 5 to 12 min. In all myocardia of rats subjected to the ultra-sound, subsequently found were: high passive hyperaemia, reduced or completely absent glycogen, as well as small foci of necrosis. (XIX, 18)

EXCERPTA MEDICA SEC 5 Vol 12/6 Gen. Path. June 59

133. INFLUENCE OF ULTRASOUND ON SOME HISTOLOGICAL AND HISTOCHEMICAL REACTIONS IN THE LIVER OF THE RAT - Jankowiak J., Hasik J., Majewski Cz. and Markowski R. Inst. Balneologii-Matyczny (Balneoclimatol. Inst.) Poznań - AMER. J. PHYS. MED. 1958. 37/3 (135-142) Tables 3 Illus. 7

The authors performed histological and histochemical experiments on 21 livers from white rats. Nine of the livers were treated with ultrasound. 9 were exposed to short-wave diathermy, and the other 3 were taken from control rats. After 5 min. of ultrasonic irradiation there appeared an intense passive hyperaemia, fatty degeneration and a partial loss of glycogen. Among changes increasing quantitative

POLAND/Acoustics - Ultrasonics.

J

Abs Jour : Ref Zhur Fizika, No 8, 1959, 18804

Author : Hasik, J., Jankowiak, Majawski, C., Markowski, R.  
Inst : -

Title : Action of Ultrasound on the Liver of Rats in Light of  
Histological and Histochemical Research

Orig Pub : Balneol. polska, 1958, 8, 42-50

Abstract : No abstract.

Card 1/1

- 132 -



JANKOWIAK, Jozef; STRAUBURZYNSKI, Gerard; SZULC, Stefan

Behavior of glutathione in the blood during the course of therapy of degenerative osteoarticular rheumatism with artificial sulfide-sulfate baths. Reumatologia Polska no.3:329-334 '60.

1. Z Instytutu Balneoklimatycznego w Poznaniu Dyrektor: doc. dr  
J. Jankowiak Z Zakladu Chemii Fizjologicznej AM w Poznaniu Kie-  
rownik: prof. dr Z. Stolzmann  
(ARTHRITIS RHEUMATOID ther)  
(GLUTATHIONE blood)  
(BALNEOLOGY)

JANKOWIAK, J.

Complex balneological therapy of chronic evolutive polyarthritis.  
Med. intern., Bucur 12 no.9:1405-1409 S '60.

1. Lucrare efectuata in Institutul polonez de baine si climatologie,  
director, docent J.Jankowiak.  
(ARTHRITIS, RHEUMATOID, therapy) (BALNEOLOGY)  
(PREDNISOLONE, therapy)

JANKOWIAK, Jozef  
SURNAME, Given Names

2

Country: Poland

Academic Degrees: Docent; Dr med.

Affiliation: Director of the Balneoclimatic Institute (Instytut Balneo-  
klimatyczny), Poznan

Source: Warsaw, Przeglad Lekarski, No 6, 1961, pp 230-232.

Data: "Influence of Partial Graduated Baths on the Ballistocardiogram in  
Essential Arterial Hypertension."

Co-author:

DURKALEC, Jerzy, Balneoclimatic Institute (Instytut Balneoklimatyczny);  
Poznan; Director: Jozef JANKOWIAK, Docent, dr med.

670 981643

LIMAN, Stefan; JANKOWIAK, Jozef

Pulmonary hemorrhage in tuberculosis and its relation to the weather and seasonal climatic changes. Gruzlica 31 no.4: 289-303 '63.

1. Z Instytutu Balneoklimatycznego w Poznaniu Dyrektor: prof. dr J. Jankowiak.

(TUBERCULOSIS, PULMONARY) (CLIMATE)  
(WEATHER) (HEMOPTYSIS) (STATISTICS)  
(SEASONS)

JANKOWIAK, Jozef, prof.

Activities of the Balneoclimatic Institute. Nauka polska 12 no.4:  
107-116 JI-Ag '64.

1. Director, Balneoclimatic Institute, Warsaw.

JANKOWIAK, Jozef, prof. dr

Technical civilization and health. Problemy 20 no.11:669-  
674 '64.

1. Director, Balneoclimatic Institute, Poznan.

JANKOWIAK, Jozef, professor dr

The activities of the Institute for Balneo-and Climatology.  
Review Pol Academy 9 no.4:59-63 O-D '64.

1. Director, Institute for Balneo-and Climatology, Poznan.  
Submitted May 1964.

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**CIA-RDP86-00513R000619510012-6"**



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APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619510012-6"

ASSOCIATION: Instytut Balneoklimatyczny, Poznan (Balneoclimatic Institute)

MILANOWSKA, Kazimiera; JANKOWIAK, Krystyna; TELEZYNSKA, Teresa

The course of regression of muscle paralysis in poliomyelitis.  
(Functional recovery in paralysed muscles in poliomyelitis and  
segmental innervation). Chir. narz. ruchu ortop. polska. 26  
no.3:253-257 '61.

1. Z Kliniki Ortopedycznej AM w Poznaniu Kierownik: prof. dr W.Dega.  
(POLIOMYELITIS)

JANKOWIAK, Wieslaw, dr inz.

Tie networks spanning a rectangle. Inz i bud 20 no.7:238-244,  
Jl '63.

1. Politechnika, Poznan.