

SALER, B.M.; POPOVIC, V.; RADEKA, R.

Determination of the apparent age of nuclear explosions. Arh. hig.
rada 13 no.4:307-310 '62:

1. Institut za medicinska istraživanja i medicinu rada, Zagreb.
(RADIOACTIVE FALLOUT)

POPOVIC, V.; SALER, B.M.

The efficiency of an apparatus for counting KClO₃. Arh. hig. rada
13 no.2:101-106 '62.

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.
(RADIOMETRY)

YUGOSLAVIA

B.M. SALER and V. POPOVIC, Institute for Medical Research and Occupational Medicine (Institut za medicinska istrazivanja i medicinu rada), Zagreb.

"Correlation of the Radioactivity of Specimens of Air."

Zagreb, Arhiv za Higijenu Rada i Toksikologiju, Vol 13, No 4, 1962; pp 283-288.

Abstract [English summary modified]: Radioactivity of 13 air specimens collected in Zagreb city during 13 consecutive weeks in Feb-May 1962 was compared with corresponding specimens collected at Sljeme, a 1000-meter mountain near city. Consistently higher values in the city are considered attributable to it being an industrial center. Diagram, formulae, 2 tables; 3 US, 1 British and 1 Yugoslav (statistics' text) references.

1/1

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1/1

PERISIC, Milutin; POPOVIC, Vojislav

Intradural prolapse of the intervertebral disk. Srpski arh.
celok. lek. 90 no.9:875-878 S '62.

1. Neurohirurska klinika Medicinskog fakulteta Univerziteta
u Beogradu Upravnik: prof. dr. Slobodan Kostic.
(INTERVERTEBRAL DISK DISPLACEMENT)

S

S/194/62/000/002/089/096
D271/D301

AUTHOR: Popovic, Vajin, and Marincić, Aleksander

TITLE: Some improvements in the methods for measuring frequency by means of an electronic oscillograph

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-7-239kh (Publ. Elektrotechn. fak. Univ. Beogradu, Ser. Telekomun. i elektron., 1960, no. 22, 11 pp.)

TEXT: When frequency ratio f_1/f_2 is determined with an oscillograph by the method consisting in anode modulating with f_2 , the circular scanning frequency f_2 , or by the method of superposition of two scanning frequencies f_1 and f_2 , and thus obtaining cycloids, the counting of very numerous loops is made even more difficult because of the rotation of the display on the screen. It is suggested that instead of loops, intersections be counted of the os-

Card 1/2

S, 194/62/000/001/060/066
D201/D305

AUTHOR: Popović, Vojin, S.

TITLE: The cycloid method of oscilloscope frequency measurements

PERIODICAL: Referativnyy zhurnal, Avtomatika i radicelektronika, no. 1, 1962, abstract 1-7-227 ch (Publ. Elektrotehn. fak. Univ. Beogradu, ser. Telekomun. i elektron., 1961, no. 28-29, 6-8)

TEXT: A short derivation of the formula for numerical frequency evaluation with their relative determination using the oscilloscope cycloid method. The advantages (wide range of frequencies being compared, etc.) and disadvantages (dependence of the accuracy of measurements on the relative dimensions of generalized Lissajou figures and of the line thickness on the CRT screen) of the described method of frequency measurements are discussed. It is shown that sometimes, when it is impossible to measure the amplitude of deflection system voltages, it is necessary to go over to the

Card 1/2 ✓

JEVTIĆ, Zivojin, doc. dr.; MAROVIĆ, Drago, dr.; ZEC, Risto, dr.; POPOVIĆ, Vojin, dr.

Tin therapy of taeniasis. Med. galsn. 13 no. 11: 547-549 N '59.

1. II Interna klinika Medicinskog fakulteta u Sarajevu, upravnik:
prof. dr. M. Simić.

(TIN ther.)

(TAPEWORM INFECTIONS ther.)

POPOVIC, V.

Brief directions for the construction of road surface using bituminous emulsion. p. 280

(GESTE I M STOVI. Vol. 5, No. 7, July 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (IFAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

POPOVIC, V.

Contribution to the conversion of paraboloidal timber. p. 1096.

(TEHNIKA. Vol.12, No. 7, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (FEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

POPOVIC, V.

Belgrade city transportation in the past, at present, and in the near future.

p. 1394.

(TEHNIKA. Vol. 12, No. 8, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (FEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

POFOVIC, Vojin.

Cooperative agriculture in the People's Republic of Serbia. Beograd
Izd. Ureda za informacije pri Predsednistvu Vlade Narodne Republike
Srbije, 1949. 75 p. (55-16252)

HDI491.S4P6

Agriculture, Cooperative - Serbia.

FORVTC, V.

"Cooperatives for the mutual use of agricultural machinery." p. 5 (SOCIALISTIČKA
POLJOPRIVREDA, Vol. 4, no. 4, Apr. 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, Vol. 2, #3, Library of Congress
August, 1953, Encl.

POP-OVIC, V.

Popović, V. Sur un théorème de N. Obrechhoff. Srpska Akad. Nauka. Zb. Rad. 43. Mat. Inst. 4, 57-61 (1955), (Serbo-Croatian. French summary)

1 - F/W

The author proves that if $f^{(n)}(x) \rightarrow \delta_1$ ($x \rightarrow +\infty$) and $f^{(n)}(x) \rightarrow \delta_2$ ($x \rightarrow -\infty$), then $x^{-n}f(x) \rightarrow \delta_1/n!$ ($x \rightarrow +\infty$) and $x^{-n}f(x) \rightarrow \delta_2/n!$ ($x \rightarrow -\infty$). Using this, he gives a short proof and generalization of a theorem of Obrechhoff which deals with limit conditions forcing a given function to be a polynomial [Acta Sci. Math. Szeged 12, Pars B, 231-235 (1950); MR 11, 583].

R. P. Boas, Jr. (Evanston, Ill.)

Popovic, V

621.317.382 : 621.317.755

A contribution to power measurement with the cathode-ray oscilloscope. V. POPOVIĆ AND D. POPOVIĆ. *Elektroizh. Vestnik*, 23, No. 2, 2-6 (1955). In Serbian, with English translation pp. a1-a4.

The method of measurement, which is intended for l.f. and h.f. ranges, consists in connecting one pair of plates across the load and the other across a capacitor in series with it. The area of the resulting ellipse is then a measure of the power in the load. The presence of the series capacitor alters the circuit conditions but this can be countered by taking a series of measurements with different values of capacitance and then plotting $1/P$ against either (a) $1/C$ or (b) $1/C^2$, where P is the power and C is the capacitance. By extrapolating, the value of P can be determined for $C = \infty$. As the curve $1/P$ v. $1/C^2$ is a straight line, the extrapolation is easy and reliable. Examples are worked out for a resistance and an inductive load.

H. G. M. SPRATT

①

PEPOVIC, V.

Picking firewood and wood for chemical purposes. p. 12. (DZVNA INDUSTRIJA,
Vol. 4, no. 9/10, Sept./Oct. 1953, Zagreb, Yugoslavia)

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, no. 1
Jan. 1955, Uncl.

POPCVIC, V.

Measuring of the trunk and rational use of timber in logging operations.
p. 17. (GLASNIK, No. 6, 1953, Beograd, Yugoslavia)

OO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 1,
Jan. 1955, Uncl.

FOFOVIC, V.

Rational use of wood in making oars. p.133. Belgrade. Univerzitet.
Sumarski fakutet. GLASNIK. BULLETIN. Beograd. No. 6, 1954

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 6, June 1956

PCPOVIC, V.

PCPOVIC, V. A contribution to the problem of cutting conic logs. p. 1615.

Vol. 11, No. 11, 1956.

TEHNIKA

TECHNOLOGY

Beograd, Yugoslavia

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

POPOVIC, V. (Dr. Engr.)

"Bordering of the pavement."

Air, AA, Belgrade, IP-135-54, 26 April 1954, "Izgradnja" No. 1-2 for Jan & Feb. 1954,
1954 info., Unclas.

POPOVIC, V.

Influence of vitamin E on creatinuria produced by X rays.
Bul sc Yug 7 no.1/2:13 F-Ap '62.

1. Institut za medicinska istrazivanja; Novi Sad.

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POPOVIC, V.; SALER, B.M.

The efficiency of an apparatus for counting KClO-3. Arh. hig. rada
13 no.2:101-106 '62.

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.
(RADIOMETRY)

VOUK, V.B.; POPOVIC, V.

Methods for determination of radioactivity in the atmosphere. Arh.
hig. rada 13 no.3:245-250 '62.

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.
(AIR POLLUTION, RADIOACTIVE)

5

FOHOVIC, V.

Effect of tires upon road surfaces. p. 357. GESTE I MOSTOVI. Zegreb.
Vol. 3, No. 9, Sept. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

POPOVIC, V.

POPOVIC, V. Application of emulsions in the construction of pavements on bridges.
p. 474.

Vol. 3, no. 12, Dec. 1955

CESTE I MOSTOVI

TECHNOLOGY

Zagreb, Yugoslavia

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

POPOVIC, V.

"Brief directives for using emulsions in construction of roadways."

p. 23 (Put I Saobracaj) No. 4, Apr. 1957
Belgrade, Yugoslavia

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

POPOVIC, V.

POPOVIC, V. White asphalt. p. 38

Vol. 5, no. 1, Jan. 1957
CESTE I MOSTOVI
TECHNOLOGY
Zagreb

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

POPOVIC, V.

Construction of pedestrian, park, and bicycle lanes by emulsions. p. 74,
(Ceste I Mostovi. Vol. 5, no. 2, Feb. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) 15, Vol. 6, no. 7, July 1957, Uncl.

POPOVIC, V.

"Experiences with highways in Germany."

p. 48 (Put I Saobračaj) No. 5/6, May/June 1957
Belgrade, Yugoslavia

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

POPOVIC, Vladeta; JOVANOVIC, Bosko

Our experiences and therapeutic results in malignant tumors of the ovaries during 1948-1958. Srpski arh. celok. lek. 88 no.11:1111-1116 N '60.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Bogoljub Bosnjakovic.

(OVARY neopl)

POPOVIC, V. VIDOVIC, V.

"Suprarenal glands and hibernation." p. 3 (ARHIV BIOLOSKIH NAUKA, Vol. 3, no. 1/2,
June 1951, Beograd, Yugoslavia)

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

V. POPOVIC

"Oxygen pressure and winter sleep." p. 211. (BULLETIN, SCIENCES NATURELLES, Vol. 4,
no. 2, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accession, L. C., Vol. 1, No. 7, July 1953, Uncl.

POPOVIC, V.

"The Influence of Temperature and Season upon the Oxygen Consumption of
Hibernates during Winter" p. 43
(GLAS, Vol. 208, no. 6, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1955/Uncl.

SAHOVIC, K.; POPOVIC, V.; ANAF, M.

Study of thermoregulation; effect of hypophysectomy and adrenalectomy.
Glas srpske akad. nauka, odelj med. 211 no.7:27-31 1953.

1. Priljeno na XVIII skupu Gdelj. med. nauka 18 XII 1952 god.
(BASAL METABOLISM, physiol.
eff. of adrenalectomy & hypophysectomy in rats)
(ADRENAL GLANDS, eff. of excis.
on basal metab. in rats)
(PITUITARY GLAND, eff. of excis.
on basal metab. in rats)

POPOVIC, V.

The adrenal and thyroid glands of the ground squirrel during hibernation. V. L. Vidovic and V. Popovic (Fac. Nat. Sci., Belgrade, Yugoslavia). *J. Endocrinol.* 1954, 33 (1954).—Hibernation in the ground squirrel ended 1-2 hrs. after total adrenalectomy and never recurred. Body temp. during hibernation ($\pm 18^\circ$) became normal (37°) 1-2 hrs. after adrenalectomy when the animals were kept at 17° . O consumption at 4° on the 7th day was 4 times that at $31-2^\circ$ on the 8th day; body temps. were normal. Survival time after adrenalectomy in lab.-kept nonhibernating squirrels during Nov. and Dec. averaged greater than during Sept.-Oct. and Feb.-March. I^{131} uptake by the thyroid in nonhibernating squirrels is considerably smaller in Sept.-Oct. than during the winter. I^{131} is not accumulated by the thyroid of the hibernating ground squirrel, but 3 days after adrenalectomy the I^{131} accumulated is equiv. to that taken up by the thyroid of the nonhibernating animal. In adrenalectomized rats, O consumption at 4° averaged less than twice that at $31-2^\circ$ and body temps. fell rapidly; in intact rats it averaged about 3-fold. During autumn the I^{131} uptake of the rat thyroid was greater than that for the squirrel, but little difference was seen during winter. Conclusion: Factors other than the adrenals are concerned in temp. regulation in hibernating animals.

Kathryn Keawilton

GIRBEA, St , prof.; POPESCU, D., prof.; TURCEANU, L., conf.; DUNAREANU, O.,
dr.; POPOVICI, V., dr.

The role of diseases of mothers in pregnancy, labor and the
puerperium in the origin of deafness in the newborn. Otorino-
laringologie (Bucur) 10 no.1:80-88 Ja-Mr'65.

POPOVIC, V.

Crisis of passenger traffic on the European railroads, and
tourism. Medun transp 9 no.3:188-191 Mr '63.

POPOVIC, Veljko, inz. (Rudnik Aleksinac, Marsala Tita 7a)

Geologic and stratification conditions in the Bogovina Mine,
and application of the Blazny stoping method. Pt. 2. Tehnika
Jug 18 no.9:Suppl.:Rudarstvo metalurg 14 no.9:1668-1675 S
'63.

1. Glavni inzenjer investicija u Rudniku Aleksinac, Aleksinac.

YUGOSLAVIA

MILINKOVIC, Petar, and Vojislav POPOVIC, Neurological Clinic
in (Neurohirurška Klinika), Faculty of Medicine (Medicinski
skol fakultet), Belgrade.

"Variations of the Arnold-Ciari Type."

Belgrade, Stambli Arhiv za Pedagogiku i Pedagogiju, Vol 90, No
17, December 1961, pp 1151-1157.

Abstract: [Authors' French summary modifying] Variations
of the Arnold-Ciari type should be considered a possibility
in the examination of children with obstructive cere-
bellar atrophy even if meningitis has not manifested
itself. Radiography can sometimes disclose the symptoms
in such cases. Diagnosis prior to operation in adults is
rare because of the similarity of the symptoms to those of
an expansive process in the frontal skull cavity. Decom-
pressive frontal craniotomy can yield good results in the
treatment of patients, with a newer method consisting of
the derivation of the ventricular liquid as a possible
adjunct. Photographs, 15 references (mainly US).

YUGOSLAVIA

Milutin PERISIC and Vojislav POPOVIC, Neurosurgical Clinic Medical Faculty of University (Neurohirurška klinika Medicinskog Fakulteta Univerziteta); Head (Upravnik) Prof Dr Slobodan KOSTIC, Belgrade.

"Intradural Prolapse of the Intervertebral Disk."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 9, Sept 1962; pp 875-878.

Abstract [English summary modified]: Case report in 46-year-old farmer with back and hip pains of many years' duration; 2 days of vigorous snow shoveling brought on acute symptoms: double incontinence, impotence, leg paralysis and paresthesia; diagnostic difficulties; operation 6 months after onset; slow incomplete recovery. Early diagnosis and surgical treatment is essential. Two Western references, 1 Yugoslav dissertation.

1/1

JEVTIC, Zivojin, doc.dr.; MAROVIC, Drago, dr.; POPOVIC, Vojin, dr

Our experiences with hydrochlorothiazide. Med.glasn. 14 no.5:246-248 My '60.

1. Interna klinika medicinskog fakulteta u Sarajevu (Upravnik: prof. dr B.Zimonjic)
(CHLOROTHIAZIDE rel cpds)

GUZINA, Bosko, ing.; PCPOVIC, Velizar, ing.

Hydrologic analysis and investigations of stream sources in the vicinity of Niksic. Vodoprivreda Jug 2 no.4/5:63-70 '59. (EEAI 9:10)

1. Energoprojekt, Beograd, Carice M.lice 2.
(Montenegro--Water)

JEVTTIC, Zivojin; POPOVIC, Vojin; MAROVIC, Drago; RAJEVIC, Nedeljko

Contribution to Wolff-Parkinson-White syndrome. Med. arh.,
Sarajevo 12 no.2:41-57 Mr-Apr '59.

1. II Interna klinika Medicinskog fakulteta u Sarajevu, sef:
v.d.: doc. d-r Miron Simic.
(HEART BLOCK)

S/194/62/000/001/061/056
D201/D305

AUTHORS: Popović, Vojin, S. and Radović, Miodrag, B.
TITLE: Some variants of the oscillograph HF power measurement method
PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 1, 1962, abstract 1-7-229 m (Publ. Elektrotehn. fak. Univ. Beogradu, ser. Telekomun. i elektron., 1961, no. 30, 12s, 11.)

TEXT: An improved method of measuring power dissipated in the load in the HF range by means of a C.R.O. is given. The disadvantages of the above method are discussed together with those of the so-called graphical method (Ljubljana 'Elektrotech. vesn.', 1954, no. 1-2) which result in large measurement errors. It is shown that if a capacitor of a predetermined capacity is connected in series with the dissipative load then, in order to determine the dissipated power, it becomes enough to evaluate the area of one or three ellipses obtained on the C.R.O screen. Both variable and fixed

Card 1/2

POPOVIC, V.; REZAKOVIC, Dz.; GMAZ, E.; CVJETICANIN, A.

Clinical contribution to plasmocytic leukemia. Med. arh.,
Sarajevo 12 no.2:77-82 Mr-Apr '59.

1. II Interna klinika Medicinskog fakulteta u Sarajevu, sef, v.d.:
doc. d-r Simic.

(MYELOMA PLASMA CELL compl.)
(LEUKEMIA etiol.)

REZAKOVIC,Dz.,d-r; KULENOVIC,S.,d-r; POPOVIC,V.,d-r

Clinical contribution to the abdominal form of Hodgkin's disease.
Med. arh.,Sarajevo 13 no.6:107-112 N-D '59.

1. II. Interna klinika Medicinskog fakulteta u Sarajevu, sef:
prof. d-r Simic.

(STOMACH NEOPLASMS)
(HODGKIN'S DISEASE)

POPOVIC, V.

Determining forms of logs, p. 552, Prob. of our construction industry; material for discussion, p. 553

TEHNIKA (Savez inženjera i tehnicara Jugoslavije) Beograd, Yugoslavia.
Vol. 14, no. 4, Apr. 1959

Monthly List of East European Accession EEAI IC, Vol. 8, no. 6, June 1959
Uncla.

POPOVIC, Veljko, inz. (Rudnik Aleksinac, Marsala Tita za)

Hoisting tower as statically undetermined lattice girder. Tehnika
Jug Suppl:Gradevinarstvo 17 no.11:2013-2022 N '63.

1. Glavni inzenjer za investicije u Rudniku Aleksinac.

STEFANOVIC, Bozidar; POPOVIC, Vladeta; CVETKOVIC, Stevan; DORDEVIC, Miroslav

Malignant tumors of the maxilla. Srpski arh. celok. lek. 91
no.9:819-824 S'63

1. Otorinolaringološka klinika Medicinskog fakulteta Univer-
zитета u Beogradu (upravnik: prof.dr. Srećko Podvinec) i Ra-
dioloski institut Medicinskog fakulteta Univerzитета u Beo-
gradu (upravnik: prof.dr. Bogolub Bosnjakovic).

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POPOVIC, Vladeta, dr.

Cancer and bone metastases. Srp arhiv lekar 82 no.4:443-468
Ap '54. (KFAL 3:7)

1. Radioloski institut Medicinskog fakulteta u Beogradu, Upravnik:
prof. dr. Stojan Dedic. (Rad je Urednistvo primilo 26-IV-1953 god.)
(BREAST, neoplasms (BONES, neoplasms
*metastasis to bones) *metastatic from breast)

JOVANOVIC, Vasilije; POPOVIC, Vukosava; MINIC, Bozidar

Glucose titration curves in 2 cases of renal diabetes.
Srpski arh. celok. lek. 84 no.4:468-475 Apr 56.

1. II Interna klinika Medicinskog fakulteta u Beogradu.
Upravnik: Djordje Brkic.

(GLYCOSURIA,

renal, blood sugar titre determ. (Ser))

(BLOOD SUGAR, in various dis.

renal glycosuria, titre determ. (Ser))

POPOVIC, Vojin S.

A variant of impedance measuring method with the aid of
transmission line. Publ telekom elektr Univ Beograd
no.1:1-9 '56

POPOVIC, Z.; PRICA, V.

Movement of phosphorus through natural earth and earth in
test tubes. Zemljiste biljka II no. 1/3:559-561 '62

1. Poljoprivredni fakultet, Sarajewo.

Popovic, Z.; Arsenijevic, M.; Jovanovic, R.

Conditioning of some types of Yugoslav wheat. I. P. 1597

Tehnika. Beograd, Yugoslavia. Vol. 14, no. 9, Sept. 1959

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

Uncl.

TCFOVIC, Z.

Determination of possible cases of grading for telephone selector outlets. p.l. ZBORNIK RADOVA. Beograd. No. 37, 1954

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 6, June 1956

POPOVIC, Z.

Quality of cyclic connections of telephone selectors. p. J. (BEOGRAD VOL. 4, No. 1, Jan 1955)

SO: Monthly Lists of East European Accessions. (BEAL, LC, Vol 4, No. 6, June 1955, Uncl.

POPOVIC, Z.

Phosphoric-acid fixation in a podzol and chernozem soil.
Z. Popović. *Zemlj. Bilj.* 1, 339-47(1952); *Soils and Fer-
tilizers, Commonwealth Bur. Soil Sci.* 16, 176(1953).—
The lab. study showed a high fixing capacity and a low
coeff. of soly. of fixed P in both soils, particularly if the soil
were treated with low concns. of $\text{Ca}(\text{H}_2\text{PO}_4)_2$. Fixation in-
creased with the time of contact of P soln. with the soil, and
in chernozem it was greater in the 20-40-cm. than in the
0-20-cm. layer. Results indicate that the coeff. of utilization
of P fertilizers is increased by band application not long be-
fore sowing, and by the use of granulated material.

K. L. C.

M.D.

POPOVIC, Z.

Practical laboratories for research on soils. p. 20.
(HEMIZACIJA POLJOPRIVREDE. JOURNAL OF FERTILIZERS AND CROP PROTECTION. No. 2,
1956. Yugoslavia.)

SO: Monthly List of East European Accessions (EEAL) LC, vol. 6, no. 7, July 1957. Uncl.

POPOVIC, M.

Fixation of phosphoric acid in the principal types of soils of Serbia.

P. 1 (ZEMLJISTE I BILJKA) (Beograd, Yugoslavia) Vol. 5, no. 1/3, Jan./Dec. 1956

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5, 1958

Papavić, Života

✓ Effect of calcium cyanamide and calcium ammonium nitrate on yield and quality of sugar beets. Durđe B. Jelenić and Života Popović (Univ. Belgrade, Zemun, Yugoslavia). *Zemljoradnja Biljka* 1, 51-51 (1952) (English summary).
—CaCN₂ (I) and Ca NH₄ nitrate (II), i.e. NH₄NO₃ + CaCO₃, were used on various kinds of chernozem soils for the fertilizing of sugar beets; the soils received in addition sufficient P as superphosphate and sufficient K as 40% KCl. The dose of N of either I or II was 30, 60, 90, 120, or 150 kg./ha., and all expts. were repeated 5 times. The results are not too easily interpreted, as the meteorological conditions have a large influence on the beet yields and qualities. However, these large-scale expts. showed beyond any doubt, that N, if added as II, shows better effects than if added as I. —Werner Jacobson

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NIKOLIC, Stevan, prof. dr.; JELENIC, Durde, prof. dr.; POPOVIC, Z.

Fertility of Yugoslav soils, and use of fertilizers. Zemljista
biljka 10 no.1/2:11-52 '61

1. Poljoprivredni fakultet Univerziteta u Beogradu. 2. Oigovorni urednik, "Zemljiste i biljka. Soil and Plant" (for Nikolic). 3. Clan Redakcionog odbora, "Zemljiste i biljka. Soil and Plant" (for Jelenic).

POPOVIC, Zlatoje dr.

POPOVIC, Zlatoje, dr.

Etiology of torsion of normal fallopian tube; case report. Med. pregl., Novi Sad 7 no.4:309-312 1954.

1. Ginekolosko-porodjajno odeljenje Glavne pokrajinske bolnice, Novi Sad, sef dr. Djura Dekanic.
(FALLOPIAN TUBES, dis.
torsion, etiol. & surg.)

POPOVIC, Zlatoje, dr.

Case of torsio colli uteri myomatosis. Med. pregl., Novi Sad 7 no.
5:400-401 1954.

1. Ginekolosko-porodjajno odeljenje Glavne pokrajinske bolnice -
Novi Sad. Sef: dr. Dj.Dekanic.

(CERVIX, UTERINE, neoplasms
leiomyoma, causing torsion, surg.)

(LEIOMYOMA
uterine cervix, causing torsion, surg.)

POPOVIC, Zivojin M., dr (Cuprija)

Speranskii and his teaching. Med. glasn. 15 no.11:407-409 N '61.

(BIOGRAPHIES)

POPOVIC, Zlatoje, Dr.

Lactogenesis and delactation, our experiences. Med.pregl.Novi Sad
8 no.1:31-34 1955.

1. Ginekolosko-porodjajno odelenje Glavne pokrajinske bolnice, Novi
Sad. Sef: prim. dr Dj Dekanic.

(MILK, HUMAN,
delactation, physiol.(Ser))

FANINGER, Aleksandar, dr; POPOVIC, Zivana

Case of herpes gestationis. Med.pregl, Novi Sad ? no.6:475-476
1954

1. Kozno-veneriche odeljenje Opste bolnice Djordje Joanovic,
Zrenjani. Sef: dr A. Faninger. Ginekolosko-akusersko odeljenje
Opste bolnice Djordje Joanovic, Zrenjani. Ser:dr Bozidar Novic.
(DERMATITIS, HERPETIFORMIS, in pregnancy)
(PREGNANCY, complications,
dermatitis herpetiformis)

MIHAJLOVIC, V., Dr.; POPOVIC, Z. dr.

Evaluation of BCG vaccination in tuberculous meningitis.
Tuberkuloza, Beogr. 8 no.3-4:167-169 May-Aug 56.

1. Antituberkulozni dispanzer u Leskovcu (saft dr. V. Mihajlovic)
Infektivno odeljenje u Leskovcu (advsef: dr. Z. Popovic).
(TUBERCULOSIS, MENINGEAL, prev. & control
BCG vacc. in child. (Ser))
(BCG VACCINATION,)

POPOVIC-DANI, Ivc; MAJDER, Albert; LJUBENOVIC, Aleksander

Our experience with pulmonary echinococcosis. Tuberkuloza no.1:
72-74 '62.

1. Hirursko odeljenje bolnice "Dr Dragisa Misovic", Beograd, (nacelnik:
prof. dr I. Popovic-Dani).
(ECHINOCOCCOSIS PULMONARY) (PNEUMONECTOMY)

POPOVIC-DANI, I.; RISTIC, M.; MADER, A.

Case of leiomyoma of the esophagus. Acta chir. Jugosl. 10
no.1:71-74 '63.

1. Hirursko odeljenje Bolnice "Dr Dragisa Misovic" u Beogradu
(Nacelnik prof. dr I. Popovic-Dani).
(ESOPHAGEAL NEOPLASMS) (LEIOMYOMA)

EXCERPTA MEDICA Sec 15 Vol 13/2 Chest Dis. Feb 50

404. MEDIASTINAL TUMOURS - Medijastinalni tumori - Popović-Dani J. and
Majder A. Hirurško Odel. Bolnice Dr Dragiša Mišović, Beograd - TUBER-
KULOZA 1958, 10/5 (274-284)

Case report of 9 cases of mediastinal tumours with the description of the sympto-
matology and diagnosis. In all the cases surgical intervention was performed with
the pathohistological verification. Furlan - Golnik (XV, 16)

INDIN, Katarina, dipl. hem.; POPOVIC-DIMITRIJEVIC, Persida, dipl. inz.

Rational analysis of manganese ores. Rudar glasnik 1
53-54 '64.

1. Bureau of Analytic Chemistry of the Mining Institute,
Belgrade.

YUGOSLAVIA

Mihailo MOJOVIC, Ljubisav RAKIC and Djordje POPOVIC-ERAK, Department of Physiology of Medical Faculty of University (Fizioloski institut Medicinskog fakulteta Univerziteta), Head (Upravnik) Prof Dr Milutin NESKOVIC, Belgrade.

"Effect of Fatigue on Chronaxia of Leg Muscles."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 1, Jan 63; pp 1-5.

Abstract [English summary modified]: Chronaxy studies in 30 ballet dancing students aged average 16&7/12 before and after strenuous practice period of 2 hours: chronaxy of m. fibularis longus and m. tibialis anterior increased by average 0.34 sigma in all, back to normal in 15 minutes. Table; 3 Soviet, 2 Western, 3 Yugoslav refs.

1/1

TASOVAC, Borivoje; CALIC-PERISIC, Nada; DUKIC, Dragica; POPOVIC-ROLOVIC,
Milana

Early tonsillectomy in acute glomerulonephritis. Srpski arh.
celok. lek. 93 no.1:1-5 Ja '65.

1. Pedijatrijska klinika Medicinskog fakulteta Univerziteta u
Beogradu (Upravnik: prof. dr. Borivoje Tasovac).

POPOVIC-ROLOVIC, Milana; BAKLAJA, Radmila; TASOVAC, Borivoj

Blood coagulation factors in newborn infants. Srpski arh. celok.
lek. 93 no.2:155-161 F '65.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta Univerziteteta u Beogradu (Upravnik: prof. dr. Bosiljka Milosevic); Pedijatrijska klinika Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Borivoj Tasovic) ; Zavod za transfuziju krvi SR Srbije u Beogradu (Upravnik: dr. Paula Lah).

YUGOSLAVIA / Chemical Technology. Artificial and
Synthetic Fibers.

H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75875.

Author : Popovich.

Inst : ~~Not given.~~

Title : The Significance of the Copper Number in the
Determination of the Degree of Decomposition
of Cellulose Fibers.

Orig Pub: Tekstil. ind., 1955, 3, No. 12, 18-21.

Abstract: No abstract.

Card 1/1

Card 1/1

POPOVICH, A.

POPOVICH, A.

[Kurgan breed of cattle] Kurganskaia poroda krupnogo rogatogo
skota. Kurgan, "Krasnyi Kurgan," 1956. 123 p. (MIRA 10:12)
(Cattle breeds)

POPOVICH, A.

Cotton - Diseases and Pests

Using a suspension of hexachloran dust in controlling aphides and thrips on cotton.
Khlopkovodstvo No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. ~~1953~~, Uncl.

ROPOVICH, Andrey, (Bukharest, Rumynskaya Narodnaya Respublika).

Nonlinearity and conformal reciprocity. Dokl. AN SSSR 111 no.1:74-77
N-D '56. (MLRA 10:2)

1. Predstavleno akademikom N.N. Bogolyubovym.
(Field theory) (Relativity (Physics))

56-4-19/52

AUTHOR
TITLEPCPOVICH, ANDREY (Bucharest, Romania)

The Nonlinearity of the Field in the Conformal Theory of the Reciprocity Theorem

(Nelineynost' polya v conformnoy teorii vzaimnosti. Russian).

Zhurnal Eksperim i. Teoret. Fiziki, 1957, Vol 32, Nr 4, pp 781 - 793

PERIODICAL

ABSTRACT

The paper under review derives the first variant of the nonlinear electrodynamics by Bohr-Infeld and the inconstancy of the gravitation constant from the conformal-covariant gravitation equations which correspond to a certain generalized reciprocity theorem. This theorem is based on the group theory and it leads to a nonpunctiform field theory. Then the paper under review also sets up a principle of correspondence between the reciprocity theorem and the theory of relativity.

Chapter I deals with the field equations. In this context, also the case of the static and of the spheric distribution of matter of the particle and of the field is dealt with.

Chapter II - The groups of the conformal quantities. In this chapter, the author of the paper under review defines, inter alia, generalized scalar curvatures, Lagrange functions and certain tensors. The normalized fundamental scalars of the nonlinear conformal theory of reciprocity form isomorphous, cubic, dihedral (projective) groups D_b , - in quantum theory they therefore are substituted by groups of operators.

Card 1/2

POPOVICH, A. (st.Kizner, Udmurtskaya ASSR); PLOTNIKOV, I.

Resolutions of the November Plenum of the Central Committee of the CPSU inspire new labor victories; communist labor at grain receiving enterprises. Muk.-elev.prom. 29 no.1:3-7 Ja '63.
(MIRA 16:4)

1. Vostochno-Kazakhstanskoye upravleniye khleboproduktov (for Plotnikov).

(Grain elevators)

POPOVICH, A.

SUBJECT USSR / PHYSICS
 AUTHOR POPOVIC, A.
 TITLE Nonlinearity and Conforming Reciprocity.
 PERIODICAL Dokl. Akad. Nauk 111, fasc. 1, 74-77 (1956)
 Issued: 1 / 1957

CARD 1 / 2

PA - 1973

This is a very concisely written purely mathematical treatise. There follow several important points of this work: The variation of $L\sqrt{g}$ according to g_{ik} and p_i results in conformingly-covariant equations $Q_{ik} = -S_{ik}$ (or $L_{ik} = Lg_{ik}/4$) and $\partial(p^{ik}\sqrt{g})/\partial x^k = 0$. The first equation applies to the field of gravitation, the second to the electromagnetic field. Here g_{ik} and p_{ik} (with the potential p_i) denote the electromagnetic field, $L_{ik} = \Gamma_{ik} + Pp_{ik}$, $L = L_r\sqrt{-2} + P^2$, $P_{ik} = p_{ir}p_k^r/P$, $Q_{ik} = \Gamma(\Gamma_{ik} - g_{ik}/4)$, Γ_{ik} - the contracted gravitation tensor, Γ - the gravitation scalar, $P/\sqrt{2}$ - the absolute amount of the electromagnetic field. It further holds that $(Q_i^k\sqrt{g})_{;k} + (S_i^k\sqrt{g})_{;k} = 0$. Next, the equations for L and their solutions are given. They are similar to the formulae of the first variety of BORN-INFELD electrodynamics. The close connection between the tensors Γ_{ik} and P_{ik} has also a connection with the theory developed by V.A. FOK, Zs.f. Phys. 57, 261 (1929). On this occasion the following "conformal" relations are obtained as well as some analogous relations for the quanta of time, "momentum", and amperage: $a/e_0 = e_0/W = \lambda\delta(a/e-c/m = \lambda)$; $q_0/e_0 = e_0/\varphi_0 = (\epsilon'\epsilon_0)^{1/2} = (c^2\mu'\mu_0)^{-1/2}$.

Dokl. Akad. Nauk 111, fasc. 1, 74-77 (1956)

CARD 2 / 2

PA - 1973

Here q'_0 and $\varphi'_0 = c\varphi_0$ denote the electric and magnetic (canonically conjugated) measures of the charge, $e_0 = e/\delta$ - the mechanical ("gravitation-" measure of the charge, a - the radius of the charged elementary particle, $W = m/\delta^2$ - its energy, $\delta = \sqrt{k/c}$. The modification of the dielectricity constant $\epsilon' \epsilon_0$ demanded by nonlinear electrodynamics as well as the modification of the gravitation constant demanded by DIRAC and by the projective theory of relativity follow here automatically from the conformal character (i.e. which is quadratic with respect to Γ and P) of the LAGRANGIAN L ; the equations for $\epsilon' \epsilon_0$ and $k \lambda^2$ resulting from it become variable quantities on this occasion. These nonlinearities of the "second kind" on this occasion express the interaction of various fields, i.e. the interaction law and the existence of several maximum fields. These nonlinearities of the second kind are distinguished from nonlinearities of the "first kind" of the curvature tensor with respect to the Christoffel symbols. The formulae obtained are specialized also for the electrostatic spherical case. The case $\xi_1 = G_1 = 0$ is analogous to the relativistic static case. Next, the more general case and the case with any relative tensor are discussed. The here discussed conformal theory generalizes the interaction law leading to covariant physical laws and can be generalized also for complex LAGRANGIANS, asymmetric ϵ_{ik} , etc.

INSTITUTION: Bucarest, Roumania

ALEKSANDRU, L. [Alexandru, L.]; KOMAN, M. [Coman, M.]; RIZESKU, T.
[Rizescu, T.]; POPOVICH, A. [Popovici, A.]

Effect of the nature of stabilizers on the stability of polycaprolactam. Khim.volok no.4:4-8 '62. (MIRA 15:8)

1. Nauchno-issledovatel'skiy institut khimii, Bukharest, Rumynskaya Narodnaya Respublika.

(Nylon)

COUNTRY : YUGOSLAVIA
CATEGORY : Weeds and Weed Control N
ABG. JOUR. : RZhBiol., No.23, 1958, No. 104939
AUTHOR : Popovich, A.
INST. : -
TITLE : Wild Oat Considerably Contaminate the Sowings of Cereals.
ORIG. PUB. : Pol'oprivreda, 1957, 5, No. 3, 39-42
ABSTRACT : No abstract.

Card: 1/1

POPOVICH, A. D., Cand. Medic. Sci. (diss) "Effect of Some Factors of Internal and External Environment on Course of Experimental Syphilis of Rabbits," Minsk, 1961, 25 pp. (Minsk Med. Inst.) 200 copies (KL Supp 12-61, 288).

POPOVICH, A.D.

PROKOPCHUK, A.Ye.; POPOVICH, A.D.

Effect of interoceptive stimulation on the course of experimental
syphilis in rabbits. Trudy Inst. fiziol. AN BSSR 1:119-128
'56 (MLRA 10:5)
(SYPHILIS) (BLADDER--INNERVATION)

PROKOPCHUK, A.Ya., professor (Minsk); POPOVICH, A.D. (Minsk)

Effect of interoceptive stimulation from the bladder on the course
of experimental syphilis. Vest.ven. i derm. no.3:55-56 My-Je '56.

(SYPHILIS)

(MLRA 9:9)

(BLADDER--INNERVATION)

POPOVICH, A.D.

Influence of ionizing irradiation on the course of experimental
syphilis in rabbits. Sbor.nauch.rab.Bel.nuach.-issl.kozhno-ven.
inst. 6:63-68 '59. (MIRA 13:11)
(X RAYS--PHYSIOLOGICAL EFFECT)
(SYPHILIS)

POPOVICH, A.D.; KHOMICH, F.A.

Influence of cortisone on the course of experimental syphilis in rabbits surviving radiation sickness. Sbor.nauch.rab.Bel.nauch.-issl. kozhno-ven.inst. 6:130-132 '59. (MIRA 13:11)

(CORTISONE)

(SYPHILIS)

(RADIATION SICKNESS)

PROKOPCHUK, A.Ya. [Prakapchuk, A.IA.]; SOSNOVSKIY, A.T. [Sasnouski, A.T.];
GRINGAUZ, M.Ya.; POPOVICH, A.D. [Papovich, A.D.]; SOSNOVSKIY, G.A.
[Sasnouski, H.A.]; SMOL'SKIY, P.F. [Smol'ski, P.F.]

Radioactive cerium (Ce^{144}), cesium (Cs^{137}), promethium (Pm^{147})
and their therapeutic effect. Vestsi AN BSSR. Ser. *biol. nav.*
no.4:84-90 '62. (MIRA 17:8)

POPOVICH, A.D.

Influence of stimuli from the stomach and the urinary bladder in rabbits
on the course of experimental syphilis. Sbor.nauch.rab.Bel.nauch.-
issl.kozno-ven.inst. 6:321-329 '59. (MIRA 13:11)

(SYPHILIS)

(STOMACH)

(BLADDER)

POPOVICH, A.F.

Unimolecular character of the (synthetic) ammonia process. A. F. Popovich. *Khimistrol* 6, 258 (1934).— An attempt is made to give a math. interpretation of the kinetic mechanism of NH₃ synthesis as a function of the unimol. law. The empirical treatment is based entirely on literature material. Chas. Blanc

450-31A METALLURGICAL LITERATURE CLASSIFICATION

POPOVICH, A.F.

Reaction of the oxidation of nitrous with nitric acid.
 A. F. Popovich. *Khimia* 7, 202-3(1955).—Expts. showed that the reaction of NaNO_2 with HNO_3 is a bimol. process. Hence the operation time is detd. by an equation of the reaction of the 2nd order: $t = [2.303/b(a - b)] \cdot \log [b(a - x)/a(b - x)]$, where a and b are the initial concs. of NaNO_2 and HNO_3 , or with NaNO_2 and HNO_3 in the proportion of 1:1, $t = a/b(a - a)$. Curves for the kinetics of the reaction and a tabular presentation of the concs. of reaction velocity at various temps. are given together with an approx. formula of $\log k_a = 11.77 - (27,7/T)$, $\log k_a$ the magnitude k_a at least for 20-80°. Con- siderably better results were obtained by the inversion of highly concd. $\text{NaNO}_2 + \text{NaNO}_3$ liquors. . . . C. B.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

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CLASSIFICATION

INDEX

POPOVICH, Agnessa Grigor'yevna; GERASIMENKO, N.I., redaktor; BEL'CHIKOVA,
Yu.S., tekhnicheskiy redaktor

[Guarding the health of school children in the village] Okhrana
zdorov'ia shkol'nikov na sele. Moskva, Gos. izd-vo med. lit-ry,
1956. 44 p. (MLRA 9:7)

(RURAL SCHOOLS--SANITARY AFFAIRS)

KOGAN, F.I.; POPOVICH, A.I.

Application of the statistical analysis in selecting the pressure gauge for the "APRS-1" sterilization regulators. Izv.vys.ucheb.zav.; pishch.tekh. no.1:126-131 '63. (MIRA 16:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlennosti i Proyektno-konstruktorskiy institut avtomatizatsii pishchevoy promyshlennosti.

(Mathematical statistics)
(Sterilization--Equipment and supplies)

POPOVICH, A.I. (Komsomol'sk-na-Amure); KARCHIK, Ye.G. (Komsomol'sk-na-Amure)

Using a positioner for the welding of flat plate. Avtom. svar.
17 no.8:79-81 Ag '64. (MIRA 17:11)

POPOVICH, A.I.; KOGAN, F.I.

Make a more efficient use of the capacity of tin containers. Kons.1 ov.
prom. 18 no.4:21-24 Ap '63. (MIRA 16:3)

1. Proyektno-konstruktorskiy institut avtomatizatsii pishchevoy promyshlennosti (for Popovich). 2. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlennosti (for Kogan).
(Tin cans)

POPOVICH, A.S., starshiy agronom-entomolog; VOYTENKO, A.N., master po
zashchite rasteniy

Steaming of soil in greenhouses to control the root knot nematode
Meloidogyne marioni. Zashch.rast.ot vred.i bol. 4 no.6:34-35
N-D '59. (MIRA 15:11)

(Root knot) (Soil disinfection)

(Greenhouse management)

COUNTRY : USSR
CATEGORY : Farm Animals. Cattle
ABS. JOUR. : RZBiol., No. 13, 1958, No. 59502
AUTHOR : Popovich, A. S.
INST. : Novosibirsk Agricultural Institute
TITLE : Experience and Tasks of the Breeding Work
for the Improvement of Cattle of the Kurgan
Breed
ORIG. PUB. : Tr. Novosib. s.-kh. in-ta, b. g., 11, 75-91
ABSTRACT : In 35 rayons of Kurganskaya Oblast, as well
as in Tyumenskaya, Chelyabinskaya and Omska-
ya Oblasts, the Kurgan breed is the most
widespread. Its population amounts to 120,000
heads. The live weight of cows on the leading
farms averages 520-580 kg. and the milk pro-
duction is 4,500-5,000 kg. The percentage of
of fat in the milk of cows on the breeding
farms averages 4.03%. On farms poorly sup-

CARD: 1/2

Q - 19

KUCHERENKO, Ye.T.; POPOVICH, A.S.

Apparatus for controlled pulsed admision of gas. Prib. i tekhn.
eksp. 8 no.5:165-166 S-0 '63. (MIRA 16:12)

1. Kiyevskiy gosudarstvennyy universitet.

USSR/Farm Animals. Cattle

Q-2

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35640

Author : ~~Net Given~~ Popovich A.S.

Inst :

Title : An Important Factor in the Rearing of Animals of a Desired Type (Vazhnyy faktor v sozdani zhivotnykh zhelatel'nogo tipa)

Orig Pub : Zhivotnovodstvo, 1957, No 6, 55-59

Abstract : The results of the experiments in the rearing of young cattle of the Kurgan breed with the use of different types of feeding are described. The raising of thoroughbred young cattle on moderate rations of milk (260 kg. of whole milk and 550 kg. of skim milk), concentrates (80 kg.) and increased feeds of roughages (25 centners), succulents (36 centners) and green foods (56 centners) fed to the animals up to 2 years of age furthered the rearing of the animals of the dairy-meat type.

Card : 1/1