

**MAKSIMOVIC, Z.; NIKOLIC, R.**

Physical and chemical states of fission products in the heavy-water system of the Bn reactor; abstract. Glas. Kem. dr 27 no.9/1964:25-29 '64

1. The Radoje Dedinic Institute of Nuclear Sciences, Hot-Laboratory Department, Belgrade-Vinca.

JOVANOVIC-KOVACEVIC, G.; NIKOLIC, R.

Obtaining carrier-free  $^{32}\text{P}$  from the neutron-irradiated  
MgO. Pt. I; abstract. Glas Hem dr 27 no.9/10:526 '64

1. The Boris Kidric Institute of Nuclear Sciences, Nat  
Laboratory Department, Belgrade-Vinca.

YUGOSLAVIA

C. STANKOVIC, S. LUKIC and R. NIKOLIC [Affiliation not given]

"Epizootic of Feather Pecking at a Turkey Farm."

Belgrade, Veterinarski Glasnik, Vol 17, No 2, 1963; p 165.

Abstract: Outbreak of pecking bared backs of large proportion of all birds, causing many subsequent wounds, infections; some fatal. One of the contributing conditions was considered to be overcrowding. No ectoparasites could be found. Feed was poor. When housing and feed were improved, the phenomenon stopped.

1/1

**NIKOLIC, Nedeljko**

**COMOVIC, Milica; NIKOLIC, Nedeljko**

The effect of urea and maltose on the plants cultured in liquid media. Acta pharm. Jugosl. 4 no.1:25-37 1954.

1. Botanički institut, Farmaceutički fakultet Beograd; prijaljeno: 1.IV.1954.

(OILS

\*volatile, eff. of urea & maltose on prod. in liquid medium)

(PLANTS

\*etheral oil prod., eff. of urea & maltose in liquid medium)

(WAX, eff.

\*on etheral oil prod. by plants cultivated in liquid medium)

(MALTOSA, eff.

\*on etheral oil prod. by plants cultivated in liquid medium)

17

1. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).
2. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).
3. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).
4. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).
5. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).
6. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).
7. The Research Center for the Study of the Communist Party, U.S.A., in its activities, has established a network of the Party in the U.S.A. (see pp. 177-180).

NIKOLAI R

BOZOVIC, Borislav; GRACOVAC, Bogdan; RUCINI, Milan; GLIGORIJA, Lada; BANJELOVIC, Miloje; SLEPCOVIC, Dragoljub; STOJANOVIC, Gradimir; ARACIC, Ivan; NIKOLIC, Ruzica.

Bronchial carcinoma during the period of 1955-1961 in the Clinic B of the Belgrade Medical Faculty. Srpski arch. celok. lek. 92 no.3:241-248 Mr '64.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu. (Upravnik: prof. dr. Mativoje Berovic).

NIKOLEC, S.

The Geograph Institute for Cartography in Belgrade. p. 61.

GLASNIK. (Srpsko geografsko društvo.) Beograd, Yugoslavia.  
Vol. 30, no. 1, 1950.

Monthly List of East European Accessions (MEAI), LS, Vol. 9, no. 2, Jan 1960.

Uncl.

**NIKOLIC, Stasa, građevinski savetnik (Balevar Oktobarske revolucije  
32a, Beograd)**

**A consultative conference of the engineers and technicians  
of Yugoslavia on the education of professional cadres. Tehnika  
Jug 17 no.5:613-620 My '62.**

**1. Komora za industriju, rudarstvo, građevinarstvo i saobraćaj  
NR Srbije, Savet za građevinarstvo, Beograd.**



NIKOLIC, Sinisa, ins.

Professional periodical in the field of architecture, agriculture, forestry, and textiles. System of communes, and introduction of modern technique and technology. Formation of professional centres. Tehnika Jug 17 no.10:1829-1843 0 '62.

NIKOLIC, Sinisa, ins.

Three-stage education in the departments of engineering. Tehnika  
Jug 18 no.5:804b-804m My '63.

RISTIC, Miodir; NIKOLIC, Slavisa

Apropos of a case of eutizone poisoning. Srpski arh. celok. lek.  
92 no.9:907-909 S'64.

1. Interno odeljenje Opste bolnice u Pristini (Sef. dr.  
Dikomir Filipovic).

MILICVIC, Dragoslav; KOVACVIC, Miodrag; NIKOLIC, Slobodan

One of possible complications after appendectomy. Srpski arh. calok. lek, 89-no.2:221-223 P '60.

1. Hirurški odelok Onkološkog instituta medicinskog fakulteta, universiteta u Beogradu, Sof: prof. dr. Sava Sinic.  
(APPENDICITIS compl.)

MILICEVIC, B.; NIKOLIC, S.

Recent observations on edema of the arm following therapy of malignant neoplasms of the breast and its possible prevention. Acta chir. Iugosl. 8 no.4:340-349 1961.

1. Hirurški odeljenje Onkološkog instituta Medicinskog fakulteta u Beogradu (Šef prof. dr Sava Simic).

(MASTECTOMY compl) (BREAST NEOPLASMS surg)  
(ARM dis) (EDMA etiol)

**MILICVIC, Dragoelav; NIEDLIC, Slobodan**

Open malignant tumor and tetanus. Srpski arh. celek. lek. 89 no.5:  
633-635 Ny '61.

1. Onkološki institut Medicinskog fakulteta Univerziteta u Beogradu.  
Upravnik: prof. dr Marija Vianjic-Frajnd.

(TETANUS compl) (SKIN NEOPLASMS compl)

NIKOLIC, Sofija

Treatment of chemical injuries of the eye. Serpaki ark.  
celek. lek. 85 no. 4:418-425 Apr 57.

1. Klinika za očne bolesti Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Djerdje Bozic.  
(MFB, vdo. & inž.  
chem, ther. (Ser))

NIKOLIC, Sefija, dr

The problem of diabetic cataract. Med. glas. 16 no.2:72-75 P '62.

1. Klinika za bolesti očiju Medicinskog fakulteta u Beogradu (V. d. upravnik: prof. dr I.Stankovic)

(DIABETES MELLITUS compl) (CATARACT etiol)



NIKOLIC, Sofija; ILIC, Ruzica

Congenital glaucoma and some developmental anomalies. Srpski  
arh. celok. lek. 91 no.10:885-889 0\*63.

1. Klinika za očne Medicinskog fakulteta Univerziteta u  
Bogradu; upravnik: prof.dr. Ivan Stankovic.

3

NIKOLIC, Sreten, ing. (Beograd)

Some more important factors on which depends labor efficiency in the exploitation of forests. Produktivnost 3 no.5:339-348 Ny '61.

NIKOLIC, Sreten, ing., asistent

Utilization of one-handed gasoline-motor-driven saws; basic indexes of productivity, standards, and organization of work. Produktivnost a no.11:727-734 N '61.

1. Smarski fakultet Universiteta, Beograd.

Nikolic, Steven

✓ New information received from Nikolic and Petrovich has  
 shown that the...  
 1. Laskov was...  
 2. Laskov was...  
 3. Laskov was...  
 4. Laskov was...  
 5. Laskov was...  
 6. Laskov was...  
 7. Laskov was...  
 8. Laskov was...  
 9. Laskov was...  
 10. Laskov was...

Agree 3

NIKOLIC, Svetožar, inž., docent za predmet "Čelične konstrukcije (Krajska 3, Sarajevo); MILIC, Svetislav, inž., 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.

NIKOLIC, Svetozar

Adaptation coefficient for the Zenica rolled profiles.  
Publ Teh fak Sarajevo 1 no. 1:65-79 '58.

NIKOLIC, Slavisa, S., Dr.

Fibrelastosis endocardii. Med. arh., Sarajevo 8 no.6:  
39-42 Nov-Dec 54.

1. Patološko anatomijski instit. Med. fakult. u Beogradu  
Upravnik prof. K. Sahovic.

(CARDIOVASCULAR DEFECTS, CONGENITAL,  
endocardial fibre-elastosis (Ser))

*NIKOLIC, Slavica C.*  
**NIKOLIC, Slavica C.**

Papillary tumor of the choroid plexus. Srp arhiv lekar 82 no.2:  
250-253 F '54. (REAL 3:7)

1. Patološko-anatomski institut Medicinskog fakulteta u Beogradu,  
upravnik: prof. dr. Šehovic Esmafer. (Rad je Urednistvo primilo  
20-VI-1955 god.)

(CHOROIDAL VENTRICLES, neoplasm  
\*choroid plexus papilloma)

(PAPILLOMA  
\*choroid plexus)



**NIKOLIC, Sreten, ins. (Beograd, Kataniceva 16)**

**Magnetic materials for electronic equipment. Tehnika Jug  
19 no.5:Suppl:Elektrotehnika 13 no.5:915-918 Ny '64.**

**STOJILJEVIC, Srdeljub; NIKOLIC, Slavica**

**Atrophy of cerebral cortex and hydrocephalus in alcoholics.  
Srpski arch. colok. lek. 54 no.11:1227-1234 Nov 56.**

**1. Neuropsihijatrijska klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. Uroš Jankic.**

**(CEREBRAL CORTEX, dis.**

**atrophy in alcoholics, with hydrocephalus (Ser))**

**(HYDROCEPHALUS, compl.**

**atrophy of cerebral cortex in alcoholics (Ser))**

**(ALCOHOLISM, compl.**

**atrophy of cerebral cortex & hydrocephalus (Ser))**

**(ATROPHY,**

**cerebral cortex with hydrocephalus in alcoholics (Ser))**

NIKOLIC, Trifun, ins. (Loznica, Mose Pijade 19)

Some economic, technical and metallurgical problems of antimony. Tehnika Jug 19 no.3:Suppl:Radarsvo geol metalurg 15 no.3:459-467 Mr '64.

1. Director General, "Zajaca" Mining and Foundry Basin, Loznica.

**NIKOLIC, B.; NIKOLIC, V.; PAVLOVIC-KENTERA, V.; LAPCEVIC, E.;  
PAVLOVIC, O.; PAUNOVIC, S.; CIRIC, O.; KNEZEVIC, N.;  
MINAILOVIC, M.**

**Experimental intoxication of dogs with venoms from Vipera  
berus and Vipera ammodytes. II. Biochemical blood changes.  
Vojnosanit. pregl. 20 no.1/2:7-13 Ja-F '63.**

**1. Veterinarski fakultet u Beogradu, Fiziološki institut &  
Interni klinika, Institut za medicinska istraživanja u Beogradu.  
(VENOMS) (ERYTHROCYTE COUNT) (BLOOD VOLUME)  
(BLOOD COAGULATION) (BLOOD PLATELETS)  
(CAPILLARIES) (PROTHROMBIN TIME)  
(BLOOD CHEMICAL ANALYSIS)**

S

NIKOLIC, V.

Some contributions to popular medicine in the region of Podrim. p. 565  
(GLASNIK Vol. 2/3, 1953/54 (Published 1957)

SO: Monthly List of East European Accessions (MEAL) IC. Vol. 6, No. 12, Dec. 1957  
Uncl.

NIKOLIC, V.

Safety measures in highway transportation.

P. 85 (PUT I SAOPRACAJ) (Beograd, Yugoslavia) No. 3/5, Mar./May 1956

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5, 1956

**NIKOLIC, V.**

**MILITARY & NAVAL SCIENCES**

**NIKOLIC, V; Jovanovic, S. Some experiences in the use of the Lycoming  
O-435-1 motor with adapted aggregates. p. 479.**

**Vol. 15, no. 4, July/Aug. 1958**

**Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3  
March 1959 Unclass**

10/27/70  
[Faint, illegible text]



NIKOLIC, V.

Shipping news. Medun transp 10 no.11:24-28 N '64.

**NIGLIC, V.**

**Pakistan's shipping and its current problems. Medium transp.  
9 no. 12:804-805 D '63**

JANKOVIC, M.H.; MISIC, V.; POPOVIC, R.; DANON, J.; RADHI, S.; JOVANOVIC, B.;  
ZABIJAKIN, V.; MICEVSKI, K.; MARINOVIC, R.Z.; DIKLIC, N.; PIPOLIC, V.;  
PAVLOVIC, Z.; TATIC, B.; BLECIC, V.; STJEPANOVIC, Lj.; COROVIC, W.

Review of periodicals; botany. Bul ac Youg 9 no.4/5:139-140  
Ag-0 '64.

114. Variations of the mean...

Variations of the mean...  
temporal base...

NIKOLIC, Vasilije

On collateral branches of the upper segment of the common carotid artery. *Med. med. fak. Zagreb. 9 no.3:269-278 '61.*  
(CAROTID ARTERIES anat & histol)

NIKOLIC, V.

The relationship between the hepatic artery and the pancreatic head.  
Acta chir. iugosl. 9 no.3/4:288-292 '62.

1. Is Anatomskog instituta Medicinskog fakulteta u Zagrebu (Predstojnik  
prof. dr J. Krmpotic).  
(HEPATIC ARTERY) (PANCREAS)

5

NIKOLIC, Vasilije

Rare abnormalities of the salivary glands. Rad. med. fak. Zagreb. 10  
no.2:175-181 '62.

(SALIVARY GLAND)

From: ...  
no. 2:175

YUGOSLAVIA

Vasilije NIKOLIC, Department of Anatomy, Medical Faculty, University  
(Anatomski ~~institut~~ Medicinskog fakulteta Sveucilista) Zagreb.

"Relations of Portal Vein and Hepatic Artery."

Zagreb, Radovi Medicinskog Fakulteta u Zagrebu, Vol 10, No 3, 62; pp  
183-195.

Abstract [English summary modified]: Study of hepatic pedicle of 225  
cadavers: normally (83.55% of cases studied) hepatic artery crosses  
ventral aspect of portal vein, but portal vein may be between two  
hepatic arteries (12.9%); the artery may cross behind the vein (3.11%)  
or fail to cross vein proper, crossing only its branches or roots (1  
case, i.e. 0.44%.) Anatomical details with discussion of surgical  
implications. Table, specimen photograph; 4 diagrams; 3 Soviet, 1  
Japanese and 26 Western references.

1/1



NIKOLIC, Vasilije

On the relationship between the ethmoid labyrinth, the frontal sinus and the bullous protrusions in the frontal sinus. Result of the examination of 1,100 anatomical preparations. Rad. med. fak. Zagreb 11 no.2:141-161 '63

At the time of the hearing, the following information was available:

A defect of the thyroid gland, but not of the pituitary gland, was found in 1953.  
2'-34, 164.

NIKOLIC, V.

Shipbuilding in the world in the first quarter of 1962. *Medun*  
transp 8 no.7:479-481 J1 '62.

NIKOLIC, V.

Role of Bulgarian harbors in the economic integration of  
East European countries. Modern transport & mail: 770-779  
# 162.

NIKOLIC, V.

Growing importance of the Soviet merchant marine in the world  
sea trade. Medun transp 10 no.12:18-19 D '64.

**NIKOLIC, Velibor**

**Common Market countries preparing for the unification of activities  
of their merchant marines. Modern transport no. 12/860 D '62.**

NIKOLIC, Velibor

The European Economic Union shipping. Medium transp 9  
no.1:26-27 Ja '63.

HINDLIC, V.

Containers, promising element of modern transport. *Medun transp*  
9 no.129-31 Ja '63.



NIKOLIC, V.

Norway, example of a country which understood the importance of merchant marine. Medun transp 9 no.1:34 Ja '63.

**NIEGLIS, V.**

Coastal shipping companies at the end of 1962. Medium transp 9  
no.21107-108 Pa '63.

**MINOLIC, Valter**

**Free navigation at the turning point. Moscow transp 9 no.4:231-  
232 Ap '63.**

NIKOLIC, Velibor

Automation in shipping. Medium transport 9 no. 7a461-462 JI'63.

NIKOLIC, V.

Speed, the main characteristic in the development of oceangoing  
freighters. Medun transp 10 no.1:30-31 Ja '64.

PAVLOVIC, S.; NIKOLIC, D.R.; MILOJKOVIC, Radmila; NIKOLIC, Vera

Pegmatite sillimanite of Resavski Humovi and staurolite of crptalline  
schists of the Stales Mountains (Serbia). Dal sci nat SAN 25 no.7:  
35-36 '99. (ERA1 9:12)

(Serbia--Minerals) (Pegmatites) (Sillimanite)  
(Staurolite) (Schists)

**PAVLOVIC, S.; NIKOLIC, D.R.; NIKOLIC, Vera**

**Manganesiferous montmorillonites from Krnja Jela (central Serbia).  
Bal sci nat SAM 25 no.7:147-148 '59. (SERAI 9:12)**

**1. Laboratoire de Mineralogie, Universite de Beograd.  
(Manganese) (Serbia--Montmorillonite)**

PAVLOVIC, S.; NIKOLIC, D.R.; NIKOLIC, Vera

Manganio montmorillonite from Krnja Jela, Sandija. Glas Prir mat  
SANU 241 no.18:77-82 '60.

1. Mineraloško-petrološki zavod Prirodno-matematičkog fakulteta  
Univerziteta u Beogradu



RISTIC, Predrag; NIKOLIC, Vera; OBRADOVIC, Jelena

Occurrence of ocher-sienna northwest of Arandolevac. Glas  
Prir mas / 14/15:105-113 '61.

MAKSIMOVIC, Z.; BRABEC, D.; NIKOLIC, Vera

Geochemical prospecting for molybdenum in Mackatica area (east Serbia). Bul sc nat SANU 32 no.9:155-167 '63.

1. Submitted February 13, 1963.

MAKSIMOVIC, Z.; LEBEDEV, S.; NIKOLIC, Vera

A contribution to the geochemical study of Avala Mountain near Belgrade: a hydromorphic anomaly in the Precica stream and its origin. Bul sc nat SANU 33 no.10:43-50 '64.

1. Department of Mineralogy and Petrology, University of Belgrade.  
Presented by Prof. Stojan Pavlovic and Prof. Pavle Savic.

NIKOLIC, Vlada, pukovnik dr.

Evaluation of military fitness in cases of eye disease. Voj.  
san. pregl., Beogr. 13 no.9-10:461-463 Sept-Oct 56.

(MEDICINE, MILITARY AND NAVAL  
evaluation of military fitness in eye dis. (Ser))  
(EYE DISEASE,  
in armed forces personnel, evaluation of military  
fitness (Ser))

NIKOLIC, Vladimir, pukovnik dr.

The value of visual acuity in various military services. Voj. san. pregl., Beogr. 11 no.11-12:686-690 Nov-Dec 54.

(VISION

acuity, importance in various military services)

(ARMED FORCES PERSONNEL

vision acuity, importance)

NIKOLIC, V.

Yugoslavia (430)

Science

The influence of body exertion on urine  
constituents. p. 231, Zbornik Radova,  
Vol 20, No 1, 1952.

East European Accessions List, Library of Congress,  
Vol 2, No 4, April 1953.

UNCLASSIFIED

NIKOLIC, V.; IVEKOVIC, L.; NIKOLIS, B.; CIRIC, O.; PAVLOVIC, B.

The blood serum protein system in persons hypersensitive to cold.  
Acta med. Scand. 19 no. 313-318 '59.

(URTICARIA blood)

(COLD off. inj.)

(BLOOD PROTEINS)

KORAC, D., saradnik; NIKOLIC, V.

Electrophoresis of the albumens in the urine of children  
with nephrotic syndrome. Glas SANU 12 no.2:225 '60 [publ.'62].

1. Odeljenje za medicinu rada SANU, Beograd.



NIKOLIC, V., naučni saradnik; KORAC, D., asistent

Serum proteins and lipoproteins in children with nephrotic syndrome. Glas SANU 12 no.2:227 '60 [publ.'62].

1. Asistent Medicinskog fakulteta u Beograd (for Korac).

KORAC, D.; NIKOLIC, V.; PAVLOVIC-KENTERA, V.

Contribution to the study of the blood protein system in childbirth  
with erythroderma desquamativum. Acta med. iugosl. 16 no.1:1-14 '62.

1. Pedijatrijska klinika Medicinskog fakulteta u Beogradu i Institut  
za medicinskih istrasivanja u Beogradu.

(ERYTHRODERMA)

(BLOOD PROTEINS)

5

YUGOSLAVIA

NIKOLIC, Bosidar; NIKOLIC, Vladislava; PAVLOVIC-KENTERA, Vera; and STEFANOVIC, Stanoje; Institute for Medical Research (Institut za medicinska istrazivanja); Director Prof Dr Bosidar S. DJORDJEVIC, Belgrade.

"Paraproteinemia in Malignant Reticuloses."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 91, No 4, Apr 63;  
pp 359-370.

Abstract [English summary modified]: Results of studies of serum proteins in 9 patients with myeloma (1 alpha, 2 beta, 2 beta-gamma and 4 gamma): free electrophoresis, ZnSO<sub>4</sub> and (NH)<sub>2</sub>SO<sub>4</sub> sedimentation - turbidimetry, W<sup>E</sup>ltmann, all indicate presence of abnormal proteins and protein components. Three graphs; 3 Yugoslav (including 1960 thesis of senior author) and 17 Western references.

**NIKOLIC, Fackal, dr.; RADOJICIC, Perivoje, doc., dr.; NIKOLIC, Vojislav, dr.**

**Vegetative cardiac manifestations in chorea minor in children.  
Med. glasnik. 14 no.11:530-531 N '60.**

**1. Pedijatrijska klinika Medicinskog fakulteta u Beogradu (Upravnik: prof. B. Tasevic). Neuropsihijatrijska klinika Medicinskog fakulteta u Beogradu (Upravnik prof. dr V. Jekic).**

**(CHOREA compl) (HEART physiol)**

Page 4

**Report (1).** Streptococcus carnosus Pasteur a very fast growing organism on agar. (*Streptococcus carnosus* Pasteur and the possibility of protecting Pigs from infection.)—*Food Pres., Suppl.*, 1959, 1, pp. 68-70, 7 figs., 1 graph, 1959. [English summary.]

To prevent pork tail rot (*Streptococcus carnosus*) (R.A.M., at pp. 64, 69; pp. 68) in Yugoslavia, one 1 per cent. Boric acid spray should be given at the beginning of May; a second is necessary only in wet seasons. In experiments conducted in 1959 and 1960 certain swarms were detected at the end of April and beginning of May; the incubation period lasted for four to five days, the optimum temperature for germination being about 38° C.

AM

Kozlov, V.A. New virus infections with a P.S.R.V. (New virus disease of  
stone fruits in the F.P.R.V.) - Zhurnal Vsesoyuznogo Nauchnogo Tsentra  
2, pp. 68-70, 6 Apr., 1964. [English summary.]

In addition to the virus disease already described on stone fruits in Yugoslavia  
[R.A.M., 27, p. 27], mosaic was observed on apricots (ibid., 28, pp. 100, 1964)  
and peaches (ibid., 28, p. 101) in Belgrade, on pears in the Vukovar district, and on  
cherries (ibid., 28, p. 102) near Kragujevac in 1967 and 1968. (Further mentions are  
described.)

*H M*

**Kozlov (Y.). Virus on Sempervivum. [A virus disease of Liliac.]—Sensata Sinea  
[Plant Prot., Bulgaria], 1961, 3, pp. 71-72, 1 fig., 1961. [English summary.]**

A virus disease of liliac, similar in its symptomatology to that described as stag-  
spot in Bulgaria [R.A.M., 14, p. 408], was observed for the first time in Yugoslavia  
at Kozan in the summer of 1960, and in 1960 at Kozan and Belgrade.

AM

*Notes of (K.) Saito Sakuma Sogo—parasitology (Papers East yellow  
preliminary note.) Japanese News (Plant Prot., Bangkok), 1954, 2, pp. 25-  
26, 1 pl., 1954. [English summary.]*  
*Sugar beet yellow virus (R.G.M. 30, p. 217) is reported from Senegal, Yagu-  
davia, for the first time. The disease is fairly widespread throughout the country  
and is probably of long standing.*



AM

Novelty (N.L.) Spina non causa in causa et causa causativa. (A  
new fly-bone disease in our country. Preliminary note.) Intervista Sanza  
(Plant Prot., Beograd), 1967, 9, pp. 39-40, 1967. (English summary.)

At the Institute for Plant Protection, Zemun, Yugoslavia, Peronospora causa  
laris (R.A.M., 31, p. 68) was identified on my-bone received from Bugojit, Medva.  
There appears to be no previous record of the disease in the country and it was  
probably introduced on imported wood.

NIKOLIC, V.

Results of alien analysis of post boxes in Louat Zeljic. p. 123

GLASNIK. PUBLIČNO. SRBIJA I: PUBLIČNO. vol. 7, no. 2, 1955

Yugoslavia

so. EARLY FOREIGN AFFAIRS LIAISON vol. 5, no. 10 Oct. 1990

NIKOLIC, Vojislav; DIKLIC, Nikola

The flora of Jablanik and Medvednik, with a review of vegetation.  
Glas Prir mas B no.12:64-98 '58.

(Yugoslavia--Botany)

GIGOV, Aleksandar; NIKOLIC, Vojislav

Results of the analysis of pollen on some peaty soils in Croatia.  
Glas Prirodoslovca B no.15:3-26 '60.

VURDELJA, Nemanja, prof. dr.; MIYOLIC, Veljko; FARAGO, Franja;  
KAPAMADZIJA, Borislav.

A new anti-epileptic drug. Med. pregl. 17 no.10:605-607 '64.

1. Klinika za neuropsihijatrijske bolesti Klinicke bolnice  
u Novom Sadu (Nacelnik: Prof. dr. Nemanja Vurdelja).

NIKOLIC, Volislav

Psychiatric problems in old age homes in Vojvodina. Med. pregl.  
17 no.10:601-604 '64.

1. Klinika za neuropsihijatrijske bolesti Klinicke bolnice u  
Novom Sadu (Nacelnik: Prof. dr. Nemanja Vurdelja).

NIKOLIC, V.P. YUGOSLAVIA/Human and Animal Physiology. Metabolism.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36092,

Author : Nikolic, V.P., Nikolic, B.P., Pavlovic, D , Riskovic, A.

Inst :

Title : Comparative Studies of Serum Proteins in Some Domestic and Laboratory Animals.

Orig Pub: Glasnik biol. sek Hrvatsko prirodosl. drustvo, 1953 (1955), Ser 2B, 7, 284-286.

Abstract: The total content of albumin, gamma-globulins (I), and various protein fractions (microelectro-phoresis) was determined in fresh nonhemolyzed serum (from 15-30 animals) of cows, sheep, horses, pigs, dogs, cats and rabbits. The content of total protein in the serum of all the investigated animals was in accord with data in the literature. Individual and species variations were

Card : 1/3

6

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36092.

various protein fraction in the serum but also on the physico-chemical condition and the colloido-chemical stability of the whole system of serum protein.

Card : 3/3

7

**DJURICIG, I.; NEDOLIG, V.; GAVRILOVIC, Z**

**White blood picture in anaphylactic and histaminic shock in dogs.  
Bull.Acad.serbe sc., classe med. II no.2:119-120 1954.**

**(LEUCOCYTE COUNT, in various diseases,**

**exper. allergy)**

**(ALLERGY, experimental,  
leukocyte count)**



**SAHOVIC, K; NIKOLIC, V; KASANIN, B.**

Comparative studies on lipid metabolism in certain organs of normal and sarcoma-bearing rats. Glas.Srpske akad.nauka, od.vij. med. 215 no.9:47-55 1955.

1. Institut d'oncologie de la Faculte de medecine de Beograd.  
(LIPIDS, metabolism,  
in exper.sarcoma)  
(SARCOMA, experimental,  
lipid metab.in)  
(NEOPLASMS, experimental,  
sarcoma, lipid metab.in)

**DURICIC, I.; NIEDLIC, B.; NIKOLIC, V.; PAVLOVIC, O.**

**Lipoproteins and stability of serum proteins in dogs during the course of anaphylactic reaction. Acta med. iugosl. 13 no. 4:442-453 '59.**

- 1. Institut de physiologie de la Faculte veterinaire de Belgrade.  
(BLOOD PROTEINS)  
(ALLERGY exper.)  
(LIPOPROTEINS blood)**

**NIKOLIC, V. P.; NIKOLIC, B.**

**zinc insulin turbidity quotient of the serum in normal and pathological conditions of human subjects. Acta med. ingoel. 13 no. 4: 454-463 '59.**

**1. Odeljenje za medicinu rada Instituta za medicinsku istraivanja  
Srpske Akademije Nauka u Beogradu.  
(CANDIA OIGOLIN)  
(INSULIN pharmocel.)**

NIKOLIC, Z. ; DELIC, D. ; GRIZO, A.

Importance of determining free lime in cement, a survey  
of methods of determination. p. 248. Vol. 11, No. 2,  
1956. **TEHNIKA**. Beograd, Yugoslavia.

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

STOJANOVIC, Svetislav, prof., dr.; GRADISTANAC, Dobrivoje; NIKOLIC, Zarko;  
SIDIC, Petar

Arthrodesis of the carpus (radiocarpal joint). Srpski arh. celok.  
lek. 89 no.9:829-834 8 '61.

1. Klinika za ortopedsku hirurgiju i traumatologiju Medicinskog  
fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Svetislav  
Stojanovic.

(WRIST surg)

NIKOLIC, Z.; ADAM, O.; MALESVIC, I.

Evaluation of the incidence of accidents as a basis for preventive measures in coal mining industry. Arh. hig. rada 15 no.4:409-412 '64.

1. Institut za medicinu rada , Socijalisticke Republike Srbije, Beograd.

**PAVLOVIC, M.; KRAJOVAN, R.; NIJKIC-SALIBENKA, K.**

**Direct results of endoscopic adhesiolysis from 1951-1953. Voj. san. progl., Beogr. 11 no.11-12:609-617 Nov-Dec 54.**

**(COLLAPSE THERAPY**

**therapeutic, indic. & results)**

**(PNEUMOTHORAX, ARTIFICIAL**

**indic. & results)**

**NIKOLIC-LJUBISAVIJEVIC, Bozica, dr (Beograd)**

**Use of roentgen rays in daily practice. Med.glasn. 14 no.6:331-333  
Ja '68.**

**(RADIOGRAPHY)**



NIKOLIC-LJUBISAVLJEVIC, R., dr; ANTIC, R., doc., dr

Sclerosis of the thoracic aorta and its clinical and roentgenological manifestations. Med. glas. 16 no.5:221-222 My '62.

1. Interna klinika "B" Medicinskog fakulteta u Beogradu (Upravnik: prof. dr R. Berovic)

(ARTERIOSCLEROSIS) (AORTA dis)

S

NIKOLIC-LJUBISAVLJEVIC, R.

Roentgenological picture of pneumonia. Med. glas. 18 no.6:  
195-197 Je-Jl '64.

NIKOLICEVA, V.

Yugoslavia (430)

Science

The influence of body exertion on blood sugar concentration. p. 225, Zbornik Radova, Vol 20, No 1, 1952.

East European Accessions List, Library of Congress,  
Vol 2, No 4, April 1953.

UNCLASSIFIED

AID P - 3276

**Subject** : USSR/Mining

**Card 1/1** Pub. 78 - 6/24

**Authors** : Sklovskiy, G. O. and A. S. Mikolich

**Title** : Application to drilling operations of auxiliary centrifugal pumps maintaining suction head

**Periodical** : *Eng. tech.*, v. 33, #9, 29-33, S 1955

**Abstract** : Pumps operating at the drilling of oil wells often work with great fluctuation of suction head. In order to maintain a more constant suction head, the inclusion in the pumping system of an auxiliary centrifugal pump to avoid cavitation difficulties is suggested. Diagrams, tables.

**Institution** : None

**Submitted** : No date

**NIKOLICH, A.S.**

The **NS-150** five-plunger pump. Dial. tech.-ekon. inform. no. 3:10-11  
'98. (MIRA 1106)

(Oil well pumps)

14(o).

SOV/92-59-2-19/40

AUTHOR: Nibelich, A.S.TITLE: Five Plunger Circulating Pump (Pystiplunshernyy barovoy nasos)PERIODICAL: Neftyanik, 1959, Nr 2, pp 19-20, (USSR)

**ABSTRACT:** The only type of circulating pump used in drilling until just recently was the heavy, awkward UB-3 pump. However, the necessity of having a light-weight pump was realized, and in 1957 a new five-plunger circulating pump, developed by Oipromstommasch, was built by the Ichinsky Machine Building Plant. In 1958 this new light-weight pump was used for the first time for driving the drilling and in to an oil well. Five horizontal cylinders of this pump, installed in a steel housing, drive the drilling fluid under a pressure of 150 atm with a speed of 18 lit/sec., or under a pressure of 110 atm with a speed of 19 sec. Each crankshaft revolution enables the plunger of each cylinder to make both the suction stroke and the pressure stroke. The pump can be driven by an engine of any type. While the two cylinder circulating pump usually starts to vibrate at 100 revolutions per minute, the new EN-145 pump withstands 265 revolutions per minute without vibrating. Testing of the new pump revealed that it is capable of driving

Card 1/2

Five Plunger Circulating Pump

807/92-59-2-19/40

23.7 liters of liquid per second at a pressure of 150 atm. Its hydraulic power rating is 500 hp. The size of the new light-weight pump is compared with that of the old UG-3 pump in Fig. 1. Fig. 2 shows the view of the new EN-150 pump. By diagrams of Fig. 3 the author compares the operation of each type of pump under discussion.

ASSOCIATION: Oilyromftannash (State Design and Scientific Research Institute for Petroleum Machinery)

Card 2/2

S/122/60/000/002/002/018  
A161/A130AUTHOR: Nikolich, A. S., Engineer

TITLE: Torsion in a canted hollow drilling rod

PERIODICAL: Vestnik mashinostroyeniya, no. 2, 1960, 10 - 13

TEXT: A torsion calculation method is suggested for a straight square rod with a pierced round center hole used in oil well drilling. The method applies also for other standard rods with six or eight faces. The torsion problem for the solid square rod had been solved long ago by Sen-Venan who developed an approximate analytical method. The problem of the hollow rod is solved by the author graphically, starting with construction of a solid square rod. A surface presenting the stress function  $\bar{\Phi}$  ( $\bar{F}$ ) for one quarter of the cross section is sufficient in view of the symmetry. The geometrical characteristic ( $J_T$ ) of the cross section is determined, equal to a double volume of the stress function hill constructed over the entire cross section:

$$J_T = 2 \iiint \bar{\Phi} \, dx dy \, cm^4, \quad (1)$$

and the geometrical section characteristic for torsion-resistance calculation:

Card 1/5



S/122/60/000/002/002/018  
A161/A130

Torsion in a canted hollow drilling rod

$$W_T = \frac{J_T}{\left(\frac{d}{n}\right)_{\max}} \text{ cm}^3 \quad (2)$$

where  $\left(\frac{d}{n}\right)_{\max}$  is the largest tg of the incline angle of the tangent to the surface of the function  $\bar{\varphi}$ . The accuracy of the graphical solution has been verified with the known formulae for the solid square rod:

$$J_T = 0.141 a^4; \quad (3)$$

$$W_T = 0.208 a^3; \quad (4)$$

The error did not exceed 2%. The obtained stress lines divide the function  $\bar{\varphi}$  into five equal portions through the height. The stresses in all points are tangential. For convenience, Fig. 4 gives the found values of the K factor in the formula

$$W_T = Ka^3, \quad (5)$$

being analogous with the formula (4). The K values (curve 1) are given in relation to the  $\frac{d}{a}$  (d is the diameter of circle inscribed into the stress line, and a the

Card 2/5

Torsion in a canted hollow drilling rod

S/122/60/000/002/002/018  
A161/A130

side of the square); curve 2 gives the K values for a hollow square rod the section of which is limited on the inside by a stress line inscribed into a circle with diameter d. The  $K_1$  value for calculation of torsion resistance of the hollow rod in formula

$$J_T = K_1 a^4 \quad (6)$$

analogous to the formula (3) for solid rod is easily found by the relation

$$K_1 = 0.675 K \quad (7),$$

as it was obtained in formula (3) for the solid rod;  $0.141 = 0.675 \cdot 0.208$ . The relation  $\frac{d}{a}$  in standard drilling rods does not exceed 0.65, and the rough bore diameter tolerances make accurate calculation practically senseless. The formulae suggested for square hollow rods are

$$W_T = \frac{0.141 - \frac{\pi}{32} \left(\frac{d}{a}\right)^4}{0.675} a^3 \quad (9)$$

and

$$J_T = \left[ 0.141 - \frac{\pi}{32} \left(\frac{d}{a}\right)^4 \right] a^4 \quad (10)$$

Card 3/5

S/122/60/000/002/002/018  
A161/A130

## Torsion in a canted hollow drilling rod

where  $a$  is the distance between opposite rod faces, and  $d$  - the central hole diameter. For rods with any regular polygonal outline with an even number of faces it is necessary to use other coefficients instead of 0.141 and 0.675 being known for many solid sections [they are, for instance, given in the manual by Ponomarev, S. D., et al., *Rascheti na prochnost' v mashinostroyeni* (Strength calculations in machine building), Mashgiz, 1956]. For example, the formulae for hexagonal hollow rods will be

$$W_T = \frac{0.115 - \frac{\pi}{32} \left(\frac{d}{a}\right)^4}{0.61} a^3 \quad (11)$$

and

$$J_T = \left[0.115 - \frac{\pi}{32} \left(\frac{d}{a}\right)^4\right] a^4 \quad (12)$$

and for octagonal hollow rods

$$W_T = \frac{0.108 - \frac{\pi}{32} \left(\frac{d}{a}\right)^4}{0.585} a^3 \quad (13)$$

and

$$J_T = \left[0.108 - \frac{\pi}{32} \left(\frac{d}{a}\right)^4\right] a^4 \quad (14)$$

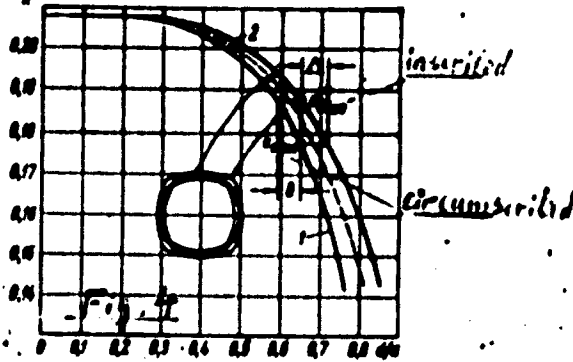
Card 4/5

Torsion in a canted hollow drilling rod

3/122/60/000/002/002/018  
A161/A130

The error in such calculation decreases rapidly with the increasing number of faces. The analysis of external loads on the rod is not included in the article, though it is mentioned that tangential stresses can be considerable and must be taken into account. A practical example is calculated; The equivalent stress in the cross section of a square drill rod and the yield limit reserve factor in tension with the simultaneous turning of the jammed tool in the well by the rotor. The conclusion is made that formulae (9) - (14) are sufficiently accurate for practical calculations of strength and rigidity. There are 4 figures.

Fig. 4.



Card 5/5