

**"APPROVED FOR RELEASE: 06/14/2000**

**CIA-RDP86-00513R000825020017-6**

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**CIA-RDP86-00513R000825020017-6"**

POL/46-4-2-10/12

21(1),28(1)

AUTHOR: Kosacki, J.S., and Sawicki, A.

TITLE: 144-Channel Neutron Time-of-Flight Analyzer Designed to Work with a Mechanical Selector

PERIODICAL: Nukleonika, 1959, Vol 4, Nr 2, pp 221-225 (Poland)

ABSTRACT: A description of the equipment with block-diagram (Fig. 1) of the 144-channel neutron time-of-flight analyzer is given. Furthermore the equipment is illustrated with and without case (Fig. 2,3, and 4). The range of application is outlined in brief. Extract of technical specifications: 1) and 2) number of channels; 3) width of channel of analyzer; 4) stability of width of channel; 5) impulse starting, amplitude, continuance of time, polarization; 6) retarding change of starting impulse; 7) analysis impulse, amplitude, continuance of time, polarization; 8) efficiency of separation of channel; 9) register of analyzer channel; 10) working conditions; 11) size. There are 3 photographs and 1 diagram.

Card 1/2

KOSACKY, Z.

We released carrier pigeons in Schwerin. p. 7

OBZOR VLASTI. Praha, Czechoslovakia. Vol . 3, no. 33, Aug. 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 3, no. 33, Aug. 1955  
Uncl.

18.9506

1043 1143 3309 1521

30803  
S/181/61/003/011/050/056  
B104/B138

AUTHORS: Kurov, G. A., Vasil'yev, V. D., and Kosaganova, M. G.

TITLE: Conditions for growing germanium crystals in thin films

PERIODICAL: Fizika tverdogo tela, v. 3, no. 11, 1961, 3541-3543

TEXT: Conditions were studied for the growth of large germanium crystals possible in thin films. The material was vacuum evaporated at about  $10^{-5}$  mm Hg; plates of quartz, graphite, and other substances were used as substrates. n-type germanium with a resistivity of 10 ohm·cm was evaporated. The rate of increase in the thickness of the films was about 100 Å/sec. The temperature of the substrate was varied between 500°C and the melting point of germanium and the thickness of the germanium films from 1 to 20 μ. Between 500 and 800°C polycrystalline films with crystals of about 0.1 μ and less were formed; at 900°C grain size was about 1 μ. There was no noticeable increase in grain size after 3 to 6 hrs annealing at 600-900°C. To find the recrystallization temperature of Ge a second quartz plate was layed on top of the one with the germanium film. This system was heated to 960°C. The germanium layer only melted at a few

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Conditions for growing ...

places, where drops were formed. Microscope analysis showed that the drops formed plane single crystals with diameters of 100-200  $\mu$ . The fine grain structure of germanium was preserved at distances of 200  $\mu$  or more from the drop. This means that the recrystallization temperature of Ge is close to its melting point. Several hours annealing at 900-958°C produced single crystals of up to 2 mm in diameter and 1-20  $\mu$  thick. Like the starting material, these relatively large crystals also had n-type conductivity. There are 2 figures and 7 references: 3 Soviet and 4 non-Soviet. The two references to English-language publications read as follows: J. W. Thornhill, K. Lark-Horovitz. Phys. Rev., 82, 762, 1951; W. Shockley, G. L. Pearson. Phys. Rev., 74, 232, 1948.

ASSOCIATION: Institut kristallografii AN SSSR Moskva (Institute of Crystallography AS USSR, Moscow)

SUBMITTED: July 15, 1961

Card 2/2

L 12924-66 (A) EWT(1)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD/WW/QG

ACC NR: AP6000182

SOURCE CODE: UR/0032/65/031/012/1450/1451

AUTHOR: Iglitsyn, M. I.; Ivanova, I. I.; Konstantinova, G. Ye.; Kosaganova, M. G.; Pavlov, N. M.ORG: State Scientific Research and Design Institute of Rare Metals Industry (Gosudarstvennyy nauchno-issledovatel'skiy i proektnyy institut redkometatallicheskoy promyshlennosti)TITLE: Determination of nitrogen content in  $\alpha$ -SiC by EPR technique

SOURCE: Zavodskaya laboratoriya, v. 31, no. 12, 1965, 1450-1451

TOPIC TAGS: silicon carbide, EPR, Hall effect, nitrogen, single crystal

ABSTRACT: An attempt was made to use EPR technique for determining nitrogen content in single crystals of hexagonal silicon carbide ( $\alpha$ -SiC). The method is based on determining the number of paramagnetic centers (nitrogen atoms) in a crystal sample by comparing its EPR spectrum with the spectrum of a reference sample ( $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ ). Both spectra were taken at the liquid nitrogen temperature with a PE 1301 radiospectrometer. The relationship between the concentration of the free charge carriers at room temperature as determined from the Hall effect ( $n_{\text{Hall}}$ ) and the concentration of non-compensated and non-ionized nitrogen centers at the liquid nitrogen temperature ( $N_{\text{EPR}}$ ) is:

$$N_{\text{EPR}} = 4.87 n_{\text{Hall}}$$

All the experimental results obtained with silicon carbide samples

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UDC: 543.42

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ACC NR: AP6000182

with various nitrogen contents are to the right of the  $N_{EPR} = 4.87 n_{Hall}$  line (see fig. 1). This indicated that EPR technique gives only the concentration of the non-compensated nitrogen centers while the technique based on the Hall effect is indiscrimina-

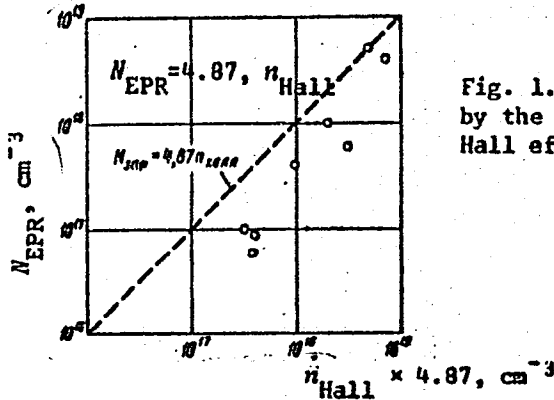


Fig. 1. Comparison of the results obtained by the EPR technique and on the basis of Hall effect.

tive (gives all non-compensated ionized donor centers). The accuracy of the EPR technique is better by one-half of an order of magnitude. The EPR technique is recommended as a rapid method of determining nitrogen content in silicon carbide crystals.

Orig. art. has: 2 figures, 1 table.

SUB CODE: 0720/ SUBM DATE: 00/

ORIG REF: 001/

OTH REF: 001

Card 2/2

24.7000,

40574

S/070/62/007/005/009/014  
E132/E460

AUTHORS: Kurov, G.A., Vasil'yev, V.D., Kosaganova, ~~M.G.~~  
TITLE: Experiments on growing crystals of germanium in thin layers

PERIODICAL: Kristallografiya, v.7, no.5, 1962, 773-779

TEXT: Layers of germanium were obtained by vacuum evaporation onto substrates of different materials (quartz, graphite, steel etc). The influence of temperature and the material of the substrate on the dimensions and the form of the crystals were studied. The temperature region of recrystallization of germanium in thin layers was established. By the choice of annealing regime and substrate the dimensions of grains could be increased by some  $(1 \text{ to } 2) \times 10^4$  times. The importance of the perfection of very thin layers of germanium from an electrical point of view is considerable. Ge was evaporated at a pressure of about  $10^{-5}$  mm Hg from a basket of W wire. The substrates could be heated during and after evaporation to  $1000^\circ\text{C}$  if necessary. The usual rate of evaporation was 1 micron/min and the final thickness 1 to 20 microns. It was found that the  
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+



GOMEL'SKAYA, G.L.; KOSAGOVSKIY, I.V.; LAVROVA, I.G.; RODOV, Ya.I.;  
SOBOLEVSKIY, G.N.; TROSHINA, I.M.; FERSHTUDT, V.I.;  
SHTRAUS, Z.E.; MEL'NIKOV, Ye.B., red.

[Problems for practical work on the organization of public  
health] Zadaniia k prakticheskim zaniatiyam po organizatsii  
zdravookhraneniia. Izd.2., ispr. i dop. Moskva, 1963. 167 p.  
(MIRA 16:12)

1. Moscow. Pervyy meditsinskiy institut. Kafedra organizatsii  
zdravookhraneniya. 2. Kafedra organizatsii zdravookhraneniya  
Pervogo moskovskogo meditsinskogo instituta (for all except  
Mel'nikov).

(PUBLIC HEALTH—HANDBOOKS, MANUALS, ETC.)

KOSAGOVSKIY, I. V.

"Organization of Antiepidemic Work in the RSFSR in the Period from 1918 to 1929." Sub 10 Sep 51, First Moscow Order of Lenin Medical Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

RODOV, Ya.I.; KOSAGOVSKIY, I.V.; GOMEL'SKAYA, G.L.; LAVROVA, I.T.;  
SOBOLEVSKIY, G.N.; SHTRAUS, Z.E.; TROSHINA, I.M.; FERSHTUDT, V.I.

"Theory and organization of the Soviet public health system"  
by G.A. Batkis and L.G.Lekarev. Reviewed by IA.I. Rodov and  
others. Zdrav. Ros. Feder. 6 no.4:41-42 Ap '62. (MIRA 15:4)  
(PUBLIC HEALTH) (BATKIS, G.A.) (LEKAREV, L.G.)

KOSAK, B.

"Cultivation Of The Black Currant In Czechoslovakia." p. 1491.  
(Za Socialistické Zemědělství. Vol. 3, No. 12, Dec. 1953, Praha.)

SC: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress, March 1954, Uncl.

KOSAK, F.

AGRICULTURE

Periodical MECHANISACE ZEMEDELSTVI. Vol. 8, no. 24, Dec. 1958.

KOSAK, F. Tasks of machine-tractor stations in the pre-Congress campaign of collective farms. p. 555.

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

KOSAK, K.

Kopylov, A. Significance of the process of closed operation for steam engines.  
p. 173.  
RUDARSKO-METALURSKI ZBORNIK, Ljubljana, No. 3/4, 1954.

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

KOSAK, K.

"Introduction to engineering mechanics" by John V. Huddleston.  
Reviewed by K. Kosak. Rud met zbor no.1:61 '62.

KOSAK, K.

"Theoretical and practical treatise on gearings" by G. Henriot.  
Vol. 2: "Manufacture, control, lubrication, thermal treatment,  
aggregates with gearings." 3d ed. Reviewed by K. Kosak. Rud  
met zbor. no.1:81-82 '62.



KOSAK, K.

"Atlas of strain fields in technical building parts" by Will  
Kloth. Reviewed by K. Kosak. Rud met zbor no.1:83-84 '62.

KOSAK, K.

"A new computation of resistance in machine construction" by  
Richard Hanchen. 2d ed. Reviewed by K. Kosak. Rud met zbor  
no.1:71-72 '62.

KOSAK, K.

"Evaporation in theory and practice" by Zoran Rant. Reviewed  
by K. Kosak. Rud met zbor no.3:277 '62.

KOSAK, K.

"Course of general physics for the use of higher scientific and technical education. Mechanics" by G. Gruhat. 6th ed. Reviewed by K. Kosak. Rud met zbor no.2:167-168 '62.

KOSAK, K.

"Physical and experimental mechanics" by A. Foch. Vol. 1. Rud met  
zbor no.2:170 '62.

K. Cazafura; PAVKO, D.; SIRCA, F.; KERSNIC, Viktor, prof. dr. inz.;  
KOSAK, K.; GRAFENAUER, S.; PODGORNIK, A.; KERNC, J.; DOBOVISEK,  
Bogomir, docent, dr. inz.; OCEPEK, Drago, docent, dr. inz.;  
HOMAN, A.; MARCEC, M.; RANKEL, J.; GRNIVEC, M.; SMAJIC, N.;  
CUCEK, I.; KERSNIC, V., ml.; VODOPIVEC, F.

New books. Rud met zbor no. 2:144-187 '63.

1. Glavni urednik, "Rudarsko-metalurski zbornik" (for Viktor Kersnic).
2. Clani Uredniškega odbora, "Rudarsko-metalurski zbornik" (for Dobovisek and Ošeppek).

KOSAK, K.

"Revolving oscillation of double-wheel chain gear" by Hans-Günther Radner.  
Reviewed by K. Kosak. Rud met zbor no.2:172-173 '62.

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LAVRIC, B.; KOSAK, M.; MAHKOTA, S.

Aortic coarctation and its surgical treatment. Zdrav. vest.,  
Ljubljana 23 no.3-4:61-68 1954.

1. Kururgicna klinika Medicinske visoke sole v Ljubljani (predstojnik  
prof. dr. Bozidar Lavric)- Interna klinika Medicinske visoke sole  
v Ljubljani (predstojnik prof. dr. Igor Tavcar)  
(COARCTATION OF AORTA, surg.)  
\*



KRETIC, M.; BESAROVIC, Z.; KOSAK, O.

Our first results with the application of hibernotherapy in severe and acute cerebrocranial injuries. Acta chir.iugosl. 7(8) no.3: 185-200 '60.

1. Kirurska klinika Medicinskog fakulteta u Sarajevu (v.d.sefa prof. dr F.Lukac)

(BRAIN wds & inj)

(HIBERNATION ARTIFICIAL)

CA

17

White cinquefoil (*Potentilla alba*). Dragutin Tonic  
and Raths-Kohl: *Farm. Glasnik* 5, No. 9/10, 178-84  
(1949).—Botanical and anatomical description is given  
of *P. alba*. Calcd. as dry substance, the leaf contains  
7.7% ash. Water-sol. ext. is 38.8%, alc.-sol. exts.  
27.5%, water-sol. non-tannin substances 20.5%, and  
gallotannin 12.2% (skin powder method). E. J. P.

B.A.

III -16

**Cell-membrane permeability and allergy.** P. Stern and H. Koshik  
(*Acta med. Scand.*, 1951, 5, 147-155).—With a modification of  
Helm's apparatus (*Arch. exp. Path. Pharmac.*, 1930, 200, 1 and 212), the  
permeability of abdominal muscle of small mammals was studied.  
Permeability for Binger's solution is reduced at the moment of contact  
of sensitized membrane of abdominal muscle with homologous anti-  
gen. Anaphylaxis does not prevent this reduction in permeability, i.e.  
does not prevent antibody-antigen union. Histamine may reduce  
permeability but never increases it. Intravenous injection of urea  
offers a new way of testing permeability, the substance gradually  
disappearing from the blood after allergic reaction. The experiments  
suggest that allergic reaction increases tones of the cholinergic  
nervous system. S. S. B. GILDER.



KOSAK, Ratko

Method for measurement of the motility of small animals; multiple-regulated apparatus. Acta pharm. jugosl. 4 no.2:83-94 1954.

1. Farmakološki institut, Medicinski fakultet, Sarajevo.

(MOVEMENT

determ. in small animals, appar.)

(APPARATUS AND INSTRUMENTS

appar. for determ. of motility in small animals)

**KOSAK, Ratko**

The effect of prostigmine on choline content in normal and alloxan-diabetic rat. Acta pharm. jugosl. 4 no.3:119-136 1954.

1. Farmakoloski institut, Medicinski fakultet, Sarajevo.

(DIABETES MELLITUS, exper.

eff. of neostigmine on choline metab. in rat)

(NEOSTIGMINE, eff.

on choline content in normal & alloxan-diabetic rat)

(CHOLINE, metab.

in normal & alloxan-diabetic rat, eff. of neostigmine)

KOSAK, R.  
STERN, P., prof. dr.; MILIN, R., prof. dr.; KOSAK, R., dr.

Mechanism of action of a water soluble azulene derivative. Med.  
Pregl., Novi Sad 7 no.4:265-275 1954.

1. Institut za farmakologiju Medicinskog fakulteta, Sarajevo, sef  
prof. dr. P.Stern; Institut za histologiju i embriologiju Medicinskog  
fakulteta, Sarajev, sef prof. dr. R.Milin.

(ENDOCRINE GLANDS, eff. of drugs on  
chamarulene in tadpoles)

KOSAK, R

STERN, P.; KOSAK, R.; MISIRLIJA, A.

Iron resorption from sterile intestinal tract. Acta med. iugosl.  
8 no.2:164-173 1954.

1. Farmakoloski insitut Medicinskog fakulteta, Sarajevo.

(IRON, metab.

resorp. in penicillin & oxytetracycline-treated rabbits)

(GASTROINTESTINAL SYSTEM, physiol.

iron resorp. in penicillin & oxytetracycline-treated  
rabbits)

(PENICILLIN, eff.

on iron resorp. by intestinal tract after oral admin.  
in rabbits)

(OXYTETRACYCLINE, eff.

on iron resorp. by intestinal tract after oral admin.  
in rabbits)



KOSAK, R.

(4)

Iron absorption in the intestine. P. Stern, R. Kosak, and A. Misić (Univ. Sarajevo, Yugoslavia). *Experientia* 10, 227(1954)(in German).—Rabbits were given 30 mg. Terramycin + 25,000 I.U. penicillin daily. After 3-4 days the feces contained no bacteria other than *Proteus vulgaris*. Animals in this condition failed to absorb Fe even when made anemic. Fe absorption was restored by addn. of Terramycin-resistant *Escherichia coli* or enterococci to the diet.  
D. S. Farner.

✓ The action of azulene. P. Stern, R. Milin, and R. Kofak  
(Med. Fac., Sarajevo, Yugoslavia). *Liječnički Vjesnik*  
76, No. 11-12, 833-8(1954).—In continuation of earlier  
MD work (*Medicinski pregled*, 1954, Vol. vii, n. 255) azulene  
was given to tadpoles of *Rana temporaria*, where it inhibited  
the metamorphosis and cut down the growth, and to rats,  
where it passed through the hypophyseal-suprarenal axis and  
thus caused the secretion of adrenocorticotropin. The hypo-  
thalamic nuclei of rats and especially the supraoptic and  
paraventricular nuclei show gross histophysiol. changes.  
The histological changes are presented in the form of micro-  
photographs, the physiol. ones are an increased neuro-  
secretorial activity of the ganglion cells and a hyperemia,  
which means that the hypothalamus-hypophysis complex  
has been activated. Werner Jacobson

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U.S. D

transmission of the report...

KOSAK, V.

Overhead irrigation as a protection against unexpected frosts.

p. 103 (Zemedelske Stroje) Vol 2, no. 5, May 1957 Praha, Czechosllovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

KOSAK, V. ; HOFMAN, J.

AGRICULTURE

PERIODICAL; ZEMEDELSKE STROJE, VOL. 3, no. 12, Dec. 1958

Kosak, V. ; Hofman, J. Transportation of bulky and chopped materials. p. 265.

Monthly List of East European Accessions, (EEAI), IC, Vol. 8, no. 5,  
May 1959, Unclass.

KOSAK, V. ; HOFMAN, J.

AGRICULTURE

PERIODICAL: ZEMELELSKE STROJE. VOL. 2, no. 3, Mar. 1959

Kosak, V. ; Hofman., J. Transportation of bulky and chopped material. p. 2 43.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

BARTASHEV, Leonid Veniaminovich, kand.tekhn.nauk; SHUKHGAL'TER, L.Ya..  
nauchnyy red.; KOSAKOVSKAYA, M.A., red.; ATROSHCHENKO, L.Ye..  
tekhn.red.

[Continuous methods for production processes in the machinery  
industry] Potochnye metody organizatsii proizvodstva v mashi-  
nostroenii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe  
obshchestvo po rasprostraneniю politicheskikh i nauchnykh  
znaniy. Ser.3, Ekonomika, no.19). (MIRA 13:7)  
(Machinery industry)



AZHAZHA, Vladimir Georgiyevich; KOSAKOVSKAYA, N., red.

[Deep-sea divers] Gidronavty. Moskva, Izd-vo "Znanie,"  
1964. 93 p. (MIRA 18:1)

1. Zamestitel' predsedatelya sektsii podvodnykh issledovateley okeanograficheskoy komissii AN SSSR (for Azhazha).

SHCHERBAKOV, Dmitriy Ivanovich; KOSAKOVSKAYA, N.A., red.

[Foresight of a geologist] Predvidenie geologa. Moskva,  
Izd-vo Znanie, 1964. 70 p. (MIRA 17:10)

MENYAYLOV, Aleksandr Alekseyevich; KOSAKOVSKAYA, N.A., red.

[Volcanoes] Vulkany. Moskva, Znanie, 1965. 93 p.  
(MIRA 18:2)

LEPOTIEN, A.; KOSAROWSKY, W.

Changes in the thyrotropic cells in different pathological and experimental states. Stud. cercet. endocr. 15 no.3:211-215 '64.

KOSALS, Ya.A.

Helvin-bearing skarn deposits. Geol. i geofiz. no.2:3-15 '61.  
(MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,  
Novosibirsk.

(Siberia—Helvite)

(Siberia—Skarns)

ARKHIPENKO, D.K.; GRIGOR'YEVA, T.N.; KOSALS, Ya.A.

Identification of micas. Rent. min. syr. no.2:46-51 '62.  
(MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii  
institut Ministerstva geologii i okhrany neдр SSSR.

Card 1/2

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of thermal neutrons is investigated

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- 25 -

HUNGARY/Nuclear Physics - Penetration of Charged Neutral  
Particles Through Matter.

C

Abs Jour : Ref Zhur Fizika, No 2, 1960, 3067

neutrons are emitted by a source of fast neutrons.

Card 2/2

KOSALY, Gyorgy; NEMETH, Geza

On the average and the fluctuation of the slowing down time of  
neutrons. Koz fiz kozl MTA 7 no.6:352-356 '59. (EEAI 9:8)

1. Reaktorfizikai es Technikai Laboratorium es Szilardtestfizikai  
Laboratorium, Kosponti Fizikai Kutato Intezet, Magyar Tudomanyos.  
(Neutrons)



KOSALY, Gyorgy

On the statistica theory of neutron transport. Koz fiz kozl MTA  
7 no.6:357-365 '59. (EEAI 9:8)

1. Reaktorfizikai es Technikai Laboratorium, Kozponti, Fizikai  
Kutato Intezet, Magyar Tudomanyos Akademia.  
(Neutrons)

HRASKO, Peter; KOSALY, Gyorgy

Physical theory of thermal reactors. II. (To be contd.). Fiz szemle  
10 no.2:53-58 F '60.

1. Kozponti Fizikai Kutato Intezet.

HRASKO, Peter; KOSALY, Gyorgy

Physical theory of thermal reactors. III. (To be contd.). Fiz szemle  
10 no.3:71-76 Mr '60.

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete.

HRASKO, Peter; KOSALY, Gyorgy

Physical theory of thermal reactors. IV. Fiz szemle 10 no.4:117-122  
Ap '60.

1. Kozponti Fizikai Kutato Intezet.

H/008/60/013/04/07/009  
B022/B014

AUTHOR:

Kosály, György

TITLE:

The Statistical Theory of Neutron Gas /9

PERIODICAL:

Energia es Atomtechnika, 1960, Vol. 13, No. 4-5, pp. 233-236

TEXT: The present paper describes the behavior of stable particles moving in a non-multiplying medium. In view of the fact that parameters characterizing the gas-physical state of some particle are probability variables, and that their change in time is a stochastic process according to Markov, the second Kolmogorov-Feller equation is derived, which is identical with the well-known kinetic equation. The collision number is also taken into account as a variable of this equation, as well as the possible local dependence of the macroscopic cross section on its position. After proceeding to the case of steady state, the author studies the case of the slowed down neutron. He determines the probability  $P_N(u, \mu) \cdot du d\mu$  that, as a result of  $N$  collisions, the lethargy of a neutron changes by the value that is found within the range

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KOSALY, Gyorgy

Conference of mathematicians and physicists on Dobogoko. Magyar tud  
67 no.8:497-499 Ag '60. (EAI 9:11)  
(Hungary--Mathematics) (Hungary--Physics)

ACCESSION NR: AP4019873

8/0181/64/006/003/0958/0960

AUTHORS: Kesamanlyu, F. P.; Klotywn'sh, E. E.; Lagunova, T. S.; Nasledov, D. N.

TITLE: The impurity band in crystals of n type InP

SOURCE: Fizika tverdogo tela, v. 6, no. 3, 1964, 958-960

TOPIC TAGS: crystal, Hall constant, electron concentration, semiconductor band structure

ABSTRACT: This is a continuation of investigation in support of previous work (F. P. Kesamanlyu, E. E. Klotywn'sh, Yu. V. Mal'tsev, D. N. Nasledov, and Yu. I. Ukhanov, FTT, 6, 134, 1964), indicating that the increase in Hall constant in n-type InP with decrease in temperature below 200K is due to conduction in the impurity band. One of the consequences of an impurity band in a crystal is a maximum on the curve showing temperature dependence of the Hall constant. Investigation in the region of 2-300K of n-type InP with electron concentration of  $8.2 \cdot 10^{16} \text{ cm}^{-3}$  has shown that the Hall constant increases as T declines down to 40-50K and then reaches a maximum, after which it begins to decline till the

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GOL'DSHTEYN, Ya.Ye., kand. tekhn. nauk (SSSR); VESNLY, A., inzh. (Chekhoslovatskaya Sotsialisticheskaya Respublika); BZASH, V. [Lukas, V.], inzh. (Chekhoslovatskaya Sotsialisticheskaya Respublika); KOSHAN, I. [Kosan, I.], inzh. (Chekhoslovatskaya Sotsialisticheskaya Respublika); STOYANOVA-TASEVA, S.V. (Narodnaya Respublika Bolgariya)

Effect of metallurgical factors on the mechanical properties and fatigue strength of 18KhNVA steel. Stal' 24 no.11:1033-1037 N '64.  
(MIRA 18:1)



KOSAN, Josef, Ing.

Production of stainless steel in the Poldi Metallurgical Works.  
hut 11stý 19 no. 6s382-383 Js. 1964.

1. Spojené dočeláry National Enterprise, Kladno.

S/137/62/000/003/120/191  
A060/A101

18. 2200

AUTHOR: Kosańda, S.

TITLE: Microstructure of the fatigue-fracture of specimens of carbon steel structural elements

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 26, abstract 3I151 (Wytrzymałość zmęczeniowa tworzyw i elementów metalowych". Warszawa, 1961, 170-175, Polish)

TEXT: A study was carried out, using an electron microscope, of the nature of the fatigue fractures of normalized steel with 0.38% C subjected to fatigue testing under alternate bending under stress exceeding the  $\sigma_w$  by 1 - 2 kg/mm<sup>2</sup>. The investigation was carried out by means of 2-step colloid-carbon replicas, graduated Cr replicas, and straight carbon replicas. In a number of specimens the fracture occurs along the ferrite grain. Impact specimens after testing at -196°C have an analogous fracture. The fracture occurs along definite crystallographic planes when the critical stress is attained. The fracture begins at a nuclear crack and spreads in various directions. The microfractogram shows also characteristic protrusions having a definite crystallographic orientation. The

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Card 1/2

KOGANE FUZESSI, Iren

Registration of snow-covered water supply. Hidrológiai közlöny  
44 no.8:345-346 Ag '64.

1. Scientific Research Institute of Water Resources Development,  
Budapest.

DRAGANIC, Z.; DRAGANIC, I.; KOSANIC, M.

Radiolysis of aqueous solutions of oxalic acid. Pt. 1.; abstract.  
Glas Hem dr 27 no. 9/10:537-538 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department  
of Radiation Chemistry, Belgrade-Vinca.

KOSANIC, Miroslav, dipl., fiz., hem., asistent; DRAGANIC, Ivan, dr., naucni saradnik (Beograd, Jevremova 16)

Utilization of already used nuclear reactor fuel elements as a source of radiation. Tehnika Jug 16 no.11:1908-1917 '61.

1. Nuclear Science Institute "Boris Kidric", Beograd-Vinca.

KOSANOVIC, Bogdan, prof. dr.; DJORDJEVIC, Zivojin, dr.

Cystis dermoides pulmonum congenita. Med. pregl. 7 no.1:46-50 1954.

1. Hirursko odeljenje Gradske bolnice, Beograd. Sef: prof. dr.  
Bogdan Kosanovic.

(LUNGS, neoplasms,  
\*teratoma)

(TERATOMA,  
\*lungs)

KOSANOVIC, Bogdan, prof. dr.; JANKOVIC, Nikola, asistent, dr.

Diagnosis and treatment of osteosarcoma of the chest wall. Med. pregl. 7 no.2:136-139 1954.

1. Hirurske edeljenje Gradske bolnice u Beogradu; sof: prof. dr. Bogdan Kesanovic.

(SARCOMA, OSTEOGENIC

\*ribs, metastasis to lungs, surg.)

(RIBS, neoplasms

\*sarcoma, osteogenic, metastasis to lungs, .surg.)

(LUNGS, neoplasms

\*sarcoma, osteogenic, metastatic from ribs, surg.)

KOSANOVIC, Bogdan, prof. dr.

Acute abdomen in adult. Med. arh., Sarajevo 8 no.4:1-17 July-  
Aug 54.

1. Hirursko odeljenje gradske bolnice u Beogradu. Šef prof. dr.  
Bogdan Kosanovic.

(ABDOMEN, ACUTE, differ. diag.  
in adult)



KOSANOVIC, Bogdan, Prof., dr.; DORDEVIC, Zivota, asistent Dr.

Fibromioma musculorum erectores pilorum permagnum. Med. arh.,  
Sarajevo 8 no.6:25-30 Nov-Dec 54.

1. Hirursko odeljenje Gradske bolnice u Beogradu--sef Prof.  
Dr. B. Kosanovic.

(LEIOMYOMA, case report

arrectores pilorum of neck, surg. (Ser))

(MUSCLES, neoplasms

leiomyoma of arrectores pilorum of neck, surg. (Ser))

(HAIR

follicle, leiomyoma of arrectores pilorum of neck,  
surg. (Ser))

KOSANOVIC, Bogdan

KOSANOVIC, Bogdan, prof. dr.; JANKOVIC, Nikola, assist. dr.

Dehiscencia suturae post resectionem ventriculi subtotalis propter  
ulc. curvaturae minoris cum penetratione in pancreas. Srp arhiv  
lekar 82 no.4:549-555 Ap '54. (REAL 3:7)

1. Hirursko odeljenje Gradske bolnice u Beogradu, sez prof. dr.  
Bogdan Kosanovic. (Rad je Urednistvo primilo 21-L-1953 god.)  
(PEPTIC ULCER, perf.)

\*into pancreas, surg., subtotal gastrectomy, postop.  
suture dehiscence)  
(PANCREAS

\*perf. of peptic ulcer into, surg., subtotal gastrectomy,  
postop. suture dehiscence)

KOSANOVIC, Bogdan, prof.dr.; LAZOVIC, Viktor, asist. dr.

The knowledge and treatment of pancreatic pseudocysts. Srpski  
arh. celok. lek. 82 no.6:819-826 June 54.

1. Hirursko odeljenje Gradske bolnice u Beogradu, sef prof. dr.  
Bogdan Kosanovic, (Rad je urednistvo prim. lo 15.I.1954 god.)

(PANCREAS, cysts  
pseudocyst, surg.)

(CYSTS  
pancreas, pseudocyst, surg.)

KOSANOVIC, Bogdan, prof. dr.; DJORDJEVIC, Zivota, asist. dr.

Duodenal dilatation following torsion of the small and large intestine. Srpski arh. celok. lek. 82 no.7-8:990-994 July-Aug 54.

1. Hirurako odeljenje Gradske bolnice u Beogradu, sef: prof. dr. Bogdan Kosanovic.

(INTESTINAL OBSTRUCTION

volvulus causing duodenal dilatation, surg.)

(DUODENUM, dis.

dilatation, caused by volvulus of small & large intestine, surg.)

KOSANOVIC, Bogdan, prof.dr.; BRANKOVAN, Konstantin, dr.

Teratoma abdominis. Srpski arh. celok lek. 82 no.9:1132-1136  
Sept 54.

1. Hirursko odeljenje Gradske bolnice u Beogradu, sef prof. dr.  
Bogdan Kosanovic. Institut za patologiju Vojno-medicinske akademije  
JNA u Beogradu, nacelnik prof. dr. Miodrag Bucic.

(ABDOMEN, neoplasms  
teratoma, surg.)

(TERATOMA  
abdom., surg.)

KOSANOVIC, Bogdan, prof. dr.

Carcinoma of the gallbladder. Srpski arh.celok.lek. 87 no.10:  
1202-1217 Oct '54.

1. Hirursko odeljenje Gradske bolnice u Beogradu.Sef.prof. dr  
Bogdan Kosanovic.  
(GALLBLADDER, neoplasms)

KOSANOVIC, Bogdan

KOSANOVIC, Bogdan, Prof. dr; LAZOVIC, Viktor; dr.

Struma maligna. Med.glasn.9 no.6:227-230 June '55.

1. Hirursko odeljenje Gradske bolnice u Geodradu (upravnik prof.  
dr B. Kosanovic)  
(THYROID GLAND, neoplasms)

KOSANOVIC, Bogdan

The effects of methylthiouracil & aminothiazole in severe thyreotoxic strumas. Srpski arh. celok. lek. 83 no.9:925-936 Sept 55.

1. Hirursko odeljenje Gradske bolnice u Beogradu. Sef:  
Bogdan Kosanovic.

(HYPERTHYROIDISM, ther.

aminothiazole & methylthiouracil, eff. on cancer form. (Ser))

(THIOURACIL, deriv.

methylthiouracil, ther. of hyperthyroidism, eff. on cancer form. (Ser))

(THIAZOLES, ther. use,

amonithiazole in hyperthyroidism, eff. on cancer form. (Ser))



KOSANOVIC, Bogdan; DJORDJEVIC, Zivota

Case of cancer and tuberculosis of the cecum treated with right hemicolectomy. Srpski arh. celok. lek. 83 no.10:1172-1178 Oct 55.

1. Hirursko odeljenje Gradske bolnice u Beogradu. Sef: prof. dr. Bogdan Kosanovic.

(CECUM, neoplasms

with tuberc., surg., right hemicolectomy. (Ser))

(TUBERCULOSIS, GASTROINTESTINAL,

cecum, with cancer, surg., right hemicolectomy. (Ser))

KOSANOVIC, B.: ALEKSIC, A.

Solution of exploratory choledochotomy by choledochoduodenostomy.  
Acta chir. iugosl. 3 no.2:127-133 1956.

1. Hirursko odeljenje Gradske bolnice u Beogradu (sef: prof.  
dr. B. Kosanovic).

(BILE DUCT COMMON, surg.

exploratory choledochotomy with choledochoduodenostomy,  
indic. (Ser))

KOSANOVIC, B.; ALEKSIC, A.

Multiple hepatocellular adenoma of the liver. Acta chir.  
iugosl. 3 no.4:372-379 1956.

1. Hirursko odeljenje Gradske bolnice u Beogradu (sef prof.  
dr. B. Kosanovic).

(LIVER, neoplasms

multiple hepatocellular adenoma, surg. (Ser))

KOSANOVIC, Bogdan; Djordjevic, Zivota; LAZOVIC, Viktor

Indications for surgical treatment of thyroid gland diseases.  
Med. glas. 10 no.4-5:166-169 Apr-May 56.

1. Hirursko odeljenje Gradske bolnice u Beogradu (Upravnik;  
B. Kosanovic).

(GOITER, surg.  
indic. & statist. (Ser))  
(HYPERTHYROIDISM, surg.  
same)

KOSANOVIC, Bogdan, Prof., dr.; BUCIC, Miodrag, potpukovnik prof., dr.

Neuroma of bronchi caused by foreign bodies. Voj. san. pregl.,  
Beogr. 13 no.9-10:503-505 Sept-Oct 56.

1. Hirursko odeljenje bolnice Dr. Dragisa Misovic.  
(BRONCHI, neoplasms,  
neuroma caused by foreign body (Ser))  
(NEUROMA, case report  
bronchi, caused by foreign body (Ser))

KOSANOVIC, B.; DJORDJEVIC, Z.

Megacecum and megacolon treated with right hemicolectomy.  
Srpski arh. celok. lek. 84 no.12:1443-1447 Dec 56.

(MEGACOLON, compl.

megacecum, surg., right hemicolectomy (Ser))

(CECUM, abnorm.

megacecum with megacolon, surg., right hemicolectomy  
(Ser))

KOSANOVIC, B.; GLIDZIC, V.; OBRADOVIC, D.

Clinical manifestations & therapy of diaphragmatic hernia. Acta chir. jugosl. 4 no.3:259-265 1957.

I. I Hirurska klinika Medicinskog fakulteta u Beogradu (Upravnik prof. dr. B. Kosanovic)

(HERNIA, DIAPHRAGMATIC,  
manifest. & surg. (Ser))

KOSANOVIC, Bogdan, dr.; LITRICIN, Triva

Surgical treatment of congenital lung cyst. Srpski arh.  
celok. lek. 85 no.4:471-476 Apr 57.

1. I Hirurska klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Bogdan Kosanovic.  
(LUNG, cysts  
congen., surg. (Ser))



KOSANOVIC, Bogdan; PESIC, Padoslav

Epiphrenic diverticulum of the esophagus. Srpski arh. celok.  
lek. 88 no.1:53-61 Ja '60.

I. I. Hirurška klinika Medicinskog fakulteta univerziteta u  
Beogradu, Upravnik: prof. dr Bogdan Kosanovic.  
(ESOPHAGUS dis.)

KOSANOVIC, Bogdan; BUKUROV, Stanislav; STEVANOVIC, Dobrivoje

Echinococcosis of the spleen. Srpski arh. celok. lek. 88 no.2:  
121-128 F '60.

1. I. Hirurška klinika medicinskog fakulteta univerziteta u  
Beogradu, Upravnik: prof. dr. Bogdan Kosanovic.  
(SPLEEN dis.)  
(ECHINOCOCCOSIS case reports)

YUGOSLAVIA

Stanislav BUKUROV, First Surgery Clinic of Medical Faculty of University  
(I hirurska klinika Medicinskog fakulteta Univerziteta) Head (Upravnik)  
Prof Dr Dogdan KOSANOVIC, Belgrade.

"Major Hemorrhages in the Upper Gastrointestinal Tract."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 1, Jan 63;  
pp 35-47.

Abstract: Review of the literature: causes of gastroduodenal and  
esophageal hemorrhages, diagnosis, evaluation and localization;  
surgical treatment of various types. Two tables compare data as  
reported by various authors. One Soviet and 29 Western references.

1/1

YUGOSLAVIA

Bogdan KOSANOVIC, Prof Dr and Head (Upravnik) First Surgical Clinic of Medical Faculty of University (I hirurska klinika Medicinskog fakulteta Univerziteta), and Gjorgje GJORGJEVIC-CAMBA; Belgrade.

"Infected Choledochal Hydatid Cyst."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 3, Mar 63; pp 293-296.

Abstract [French summary modified]: Case report in 23-year-old student with purulent hydatid cyst in wall of biliary duct, causing severe stasis jaundice and fever; excision and choledochoduodenal anastomosis was followed by uneventful recovery. Five Yugoslav, 1 Rumanian, and 10 Western references.

1/1

1/1

KOSANOVIC, Bogdan; BORDEVIC-CAMBA, Dorce

Suppurating echinococcosis of the choledochus. Srpski arh.  
celok. lek. 91 no.3:293-296 Mr '63.

1. I hirurska klinika Medicinskog fakulteta Univerziteta u  
Beogradu Upravnik: prof. dr Bogdan Kosanovac.

(COMMON BILE DUCT)

(ECHINOCOCCOSIS, HEPATIC)

(SUPPURATION)

5

KOSANOVIC, Bogdan; PESIC, Radoslav

Cystosarcophyllodes mammae. Srpski arh. celok. lek. 91  
no.6:617-621 Jb '63

1. I hirurska klinika Medicinskog fakulteta Univerziteta u  
Beogradu. Upravnik: prof. dr. Bogdan Kosanovic.

\*

KOSANOVIC, Bogdan; STEFANOVIC, Branislav; ZECEVIC, Bozidar

Intrathoracic neuroma. Srpski arh. celok. lek. 91 no.12:1223-1227  
D '63.

1. I hirurska klinika Medicinskog fakulteta Univerziteta u Beogradu  
(Upravnik: prof. dr. Bogdan Kosanovic).

KOSANOVIC, B., prof. dr.; STEJANOVIC, B., dr.; MICANOVIC, V., dr.

Primary cancer of the gallbladder. Med. arh. 18 no.2:23-29  
Mr-Je '64.

1. Prva hirurska klinika Medicinskog fakulteta Beograd (Upravnik:  
Prof. dr Bogdan Kosanovic).



KOSANOVIC, D.

Tutundzic, P.; Kosanovic, D. Refractive index of the sulfuric acid fluid systems with lower sebacic acids." p. 541. (Priroda. Vol. 18, No. 9, 1953. Zagreb)

ACC NR: AP6032907

SOURCE CODE: YU/0001/66/000/009/1600/1604

AUTHOR: Borisavljevic, R. (Graduate chemist; Advisor); Despic, A. (Doctor; Graduate engineer; Associate professor); Kosanovic, D. (Graduate engineer; Advisor)

ORG: [Borisavljevic] Research Laboratory "Galenika", Belgrade-Zemun (Razvojne laboratorije "Galenika"); [Despic] Division of Chemical Technology, Belgrade University (Tehnoloskog fakulteta Univerziteta u Beogradu); [Kosanovic] Pharmaceutical and chemical Industry "Galenika", Belgrade-Zemun (Farmaceutsko-hemijske industrije "Galenika")

TITLE: Contribution to the study of methacrylacetone polymerization

SOURCE: Tehnika, no. 9, 1966, 1600-1604

TOPIC TAGS: polymerization, polymerization catalyst, methacrylacetone, methylmethacrylate, intrinsic viscosity

ABSTRACT: Radical type bulk polymerization of methacrylacetone was studied in the 0—100% conversion range at various temperatures (50, 60, 70 and 80C) and with different amounts of  $\alpha$ -azo-iso-butyronitrile as polymerization catalyst

Card 1/2

UDC: 678.744=861

ACC NR: AP6032807

(0.3%, 0.5% and 1%). The results are compared with those obtained for methylmethacrylate polymerization. It was found that there is considerable similarity between the two processes with the rate of the former being considerably lower and the gel effect somewhat less pronounced. The change in molecular weight during polymerization was also investigated. The relation between the intrinsic viscosity and the molecular weight  $[\eta] = KM^\alpha$  was assumed and the constants were found experimentally to be  $K = 6.8 \times 10^{-5}$  and  $\alpha = 0.8$ . Molecular weight distribution function was obtained by fractionation of a sample of the polymer resulting from polymerization at 50° with 0.5% of the catalyst. Orig. art. has: 3 figures. [Authors' abstract]

SUB CODE: 07/SUBM DATE: none/ORIG REF: 003/SOV REF: 003/OTH REF: 016/

Card 2/2

MRSEVIC, Slavka; KOSANOVIC, Desanka; SCEPAN, Vlado; POPOVIC, Jelisaveta;  
Tatic, Cveta.

Serological reactions in infectious mononucleosis. Srpski arh.  
celok. lek. 92 no.9:817-827 S'64.

1. Mikrobioloski Institut Medicinskog fakulteta Univerziteta  
u Beogradu (Upravnik: prof. dr. Milutin Djurisić); Klinika za  
infektivne bolesti Medicinskog fakulteta Univerziteta u Beogradu  
(Vd. upravnika: prof. dr. Mihailo Nikolic).

*KOSANOVIC, DJURA*

YUGOSLAVIA/Physical Chemistry. Thermodynamics, Thermochem- B-8  
 istry, Equilibria, Physical-Chemical Analysis, Phase  
 Transitions.

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14715

Author : Panta Tutundjic, Milica Liler, Djura Kosanovic  
 Inst : Chemical Society  
 Title : Viscosity, Electrical Conductivity, Refraction Index  
 and Density of Binary Liquid Systems: Sulfuric Acid -  
 Ethyl Ester, Sulfuric Acid - Amyl Ester and Phosphoric  
 Acid - Ethyl Ester.

Orig Pub: Glasnik hem. drustva, 1955, 20, No 6, 349-361

Abstract: The viscosity, electrical conductivity and density of  
 liquid systems  $H_2SO_4$ - ethyl ester,  $H_2SO_4$  - amyl ester  
 and  $H_3PO_4$  - ethyl ester at 25 and 40°, as well as the  
 refraction indices of the binary systems of  $H_2SO_4$  and  
 $H_3PO_4$  with ethyl ester at 25° were measured. The vis-  
 cosity curves of these systems possess a maximum owing  
 to the formation of molecular compounds. The positive

Card 1/3

YUGOSLAVIA/Physical Chemistry. Thermodynamics, Thermochem- B-8  
 istry, Equilibria, Physical-Chemical Analysis, Phase  
 Transitions.

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14715

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825020017-

Abstract: divergence of refraction indices from the additivity  
 rule and the computation of contraction confirm this  
 conclusion. The electrical conductivity curves of mix-  
 tures of esters with  $H_2SO_4$  show maximum values at high  
 $H_2SO_4$  concentrations, while the electrical conductivity  
 of the system  $H_3PO_4$  - ethyl ester gradually drops from  
 $H_3PO_4$  to ethyl ester. An equilibrium with the formation  
 of compounds of the composition 1 : 1 is observed in the  
 systems, but it is impossible to arrive at any conclusion  
 regarding the formation of compounds containing one mole  
 of the acid per two moles of the ester. The compound is  
 more dissociated into components in the system  $H_2SO_4$  -  
 amyl ester than in the system  $H_2SO_4$  - ethyl ester in con-  
 sequence of the steric influence of the long alifactic  
 chain. The compound in the system  $H_3PO_4$  - ethyl ester  
 is also less stable than the compound in the system

Card 2/3

YUGOSLAVIA/Physical Chemistry. Thermodynamics, Thermochem- B-8  
 istry, Equilibria, Physical-Chemical Analysis, Phase  
 Transitions.

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14715

ACC NR: AP6032809

propiolactone, carbonyl (Reppé's), acrylonitrile, and propylene processes.  
[Based on authors' abstract] [KS]

SUB CODE: 07, 11/SUBM DATE: none/ORIG REF: 001/SOV REF: 001/  
OTH REF: 013/

Card 2/2

BORISAVLJEVIC, Ruza; EBEL, Franja; KOSANOVIC, Duro

Application of the Baker-Philippoff equation in determining internal viscosity of polymethylmethacrylate and the dimethylitaconate-styrol copolymer. Glas Hem dr 27 no.7/8:355-366 '62

1. Galenika Development Laboratory for Scientific Research in the Organic and Pharmaceutical Chemistry, Belgrade-Zemun/

DESPIC, Aleksandar R.; KOSANOVIC, Dura

Contribution to the knowledge of metacrylacetone. Pt. 2.  
Glas Hem dr 28 no. 1: 9-18 '63.

1. Tehnoloski fakultet, Zavod za fizicku hemiju i elektrohemiju, Beograd.



KOSANOVIC, Duro, inz., saradnik (Kosmajka 53, Beograd); MILOSAVLJEVIC,  
Lazar, inz., saradnik; EBEL, Franjo, dipl. fiz. hem., saradnik

Determining molecular weight of polymethylmethacrylate by  
viscometric method. Tehnika Jug 17 no.6:Suppl.: Hemindustrija  
16 no.6:1159-1165 Je '62.

1. Razvojna laboratorija za naučna istraživanja u organskoj  
i farmaceutskoj hemiji "Galenika," Beograd-Zemun.

TUTUNDZIC, Panta S., prof. dr. inz.; LILER, Milica; KOSANOVIC, Dura

Viscosity, electric conductivity, refraction index, and density of the liquid systems of the orthophosphoric acid with the sulfuric, acetic, valeric, and isovaleric acids respectively. ~~Glasnik~~ dr 20 no.1:1-21 '55.

1. Hemijski institut, Beograd, Zavod za fizicku hemiju i elektrohemiju, Beograd. 2. Urednik i clan Uredivackog odbora, "Glasnik Hemijskog drustva, Beograd" (for Tutundzic).

KOSANOVIC, J.

"Measures for the maintenance and care of ammunition depots."

p. 657 (Vojno-Tehnicki Glasnik) Vol. 5, no. 9, Sept. 1957  
Belgrade, Yugoslavia

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

KOSANOVIC, M.

Selecting and determining the section of a road in a test of practical training  
in road construction p. 536.  
(GLASNIK, Vol. 5, No. 7, July 1957)

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