

KRCMERY, VL

KRCMERYOVA, H.

SURNAME, Given Names

5

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: OUNZ /Okresny ustav narodneho zdravia; Okres Institute of Public Health/, Bratislava-Country; Director: J. DUCHON, MD.

Source: Bratislava, Lekarsky Obzor, Vol X, No 6, 1961, pages 321-330.

Data: "Novobiocin (Cathomycin) and Vankomycin. Two Effective Anti-Staphylococcic Antibiotics"

Co-author:

KRCMERY, VL, State Scientific Institute of Veterinary Medicine (Statny vedecky veterinarni ustav); Director: M. HALASA, Md.

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ARC B M / V

17

Bratislava, Farmaceutický časopis, Vol 30, No 11, 1981.

(No copyright)

1. Specialization of Pharmacists and Preparation for the Qualification Examination in the Department of Pharmacy, Institute for Qualification Examination (Farmaceutická akadémia lekárov pro doskovenani lekarnu-) Prague; pp 821-824.
2. Correlation of the Quality and Strength of Herba. Abstrakt with the Preparation Technic. Průmysl léků, lékárenství a veterinární lékařství (Průmysl a veterinární lékařství) Bratislava; pp 128-130.
3. Preparation of Ethers of Some Quinolonecarboxylic Acids as Possible Antitubercular Drugs. Průmysl léků, lékárenství a veterinární lékařství (Průmysl a veterinární lékařství) Bratislava; pp 131-132.
4. Department of Pharmaceutical Chemistry (Laboratory of Local Chemie) Department of Chemistry of the Faculty of Pharmacy (Czechoslovak Pharmaceutical Faculty) in Comenius University (Un. Comeniana) Bratislava, Bratislava and State Veterinary University Bratislava (Státní veterinární univerzita Bratislava) Bratislava; pp 132-133.
5. Spiro lactones, a New Class of Narcotics O. Průmysl léků, lékárenství a veterinární lékařství (Průmysl a veterinární lékařství) Bratislava; pp 133-134.
6. Department of Pharmacy, Institute for Qualification Examination (Farmaceutická akadémia lekárov pro doskovenani lekarnu-) Bratislava; pp 810-811.
7. Reorganization of the Pharmacy Service network in the Class of Spisakova Nora Vasa L. Průmysl léků, lékárenství a veterinární lékařství (Průmysl a veterinární lékařství) Bratislava; pp 812-814.

FERENCIK, M.; KRCMERY, Vl.; KRISKA, J.

Fish poisoning caused by histamine. J. hyg. epidem., Praha 5 no.3:
341-348 '61.

(FISH toxicol) (FOOD POISONING etiol)
(HISTAMINE)

KRCMERYOVA, H.; KRCMERY, Vl.; TRANGOS, V.

Resistant staphylococci and staphylococcal nosocomial infections.
Cas.lek.cesk 100 no.3:Lek Veda Zahr:1-6 20 Ja '61.

1. Interne oddel. OUNZ Bratislava-Okolie, prednosta MUDr. J. Duchon.
Statny vedecky veterinarny ustav v Bratislave, riaditel MVDr. M.
Halasa.

(STAPHYLOCOCCAL INFECTIONS) (HOSPITALS)

KRCMERY, Vl.; FERENCIK, M.; KRIZANOVA, H.

On the mechanism of action of tetracycline antibiotics. IV. Effect of chlortetracycline and oxytetracycline on the catalase activity of sensitive and polyresistant staphylococci. Cesk. epidem. 11 no.2:115-121 Mr '62.

1. Statny veterinarny ustav, pobočka v Bratislave a Veterinarna vyse-
trovacia stanica v Bratislave.

(CHLORTETRACYCLINE pharmacol)
(OXYTETRACYCLINE pharmacol)
(STAPHYLOCOCCUS metabolism)
(CATALASES metabolism)

HALASA, M.; KRCMERY, V.

The effect of some antibiotics, particularly polymyxin, on *Leptospira* strains in vitro. *Cesk. epidem. mikrob. imun.* 11 no.4:267-275 J1 '62.

1. Statny veterinarny ustav, pobočka v Bratislave.
(ANTIBIOTICS pharmacol) (LEPTOSPIRA)

HALASA, M.; BYSTRICKY, V.; LADZIANSKA, K.; KRCMERY, V.; NERMUT, M.

Electron microscope determination of the effect of polymyxin on
Leptospira in vitro. Cesk. epidem. 11 no.5:305-307 S '62.

1. Statny veterinarny ustav, pobočka v Bratislave. -- Laboratorium
elektronovej mikroskopie Katedry techn. mikrobiologie a biochemie SVST
v Bratislave. -- Katedra obecnej biologie Lekarskej fakulty Univerzity
J.Ev. Purkyne v Brne.

(LEPTOSPIRA)

(POLYMYXIN)

STRICKER, F.; FISERA, J.; KRCMERY, V.; FERENCIK, M.

Comparison of virulence and activity of some enzymes of listeria monocytogenes. Folia microbiol. 8 no.2:89-92 '63.

1. State Veterinary Institute, Bratislava.

(LISTERIA MONOCYTOGENES) (ENZYME TESTS)
(DEHYDROGENASES) (LACTATE DEHYDROGENASE) (CATALASE)
(ASPARTATE AMINOTRANSFERASE)

Patent, Madison, Ind.; Ciba, Ltd., Sw.

method of electrophoretic and osmometric determination of determining the artificial neutralization of milk acidity. Water solution of no. 1: 0.1-0.2%.

1. Central State Veterinary Institute, Washington, D.C., and Institute of Pathology and Bacteriology, Zurich, Sw.

KRCMERY, Vladimir, inz. CSc.; CIZNAR, Ivan, inz.; HEICLOVA, Miroslava, inz.;
ZELINKOVA, Eva, dr.

Simple microbiological determination of chlortetracycline and
vitamin B₁₂ in feed mixtures. Veter medicina 9 no. 2:123-130
Mr '64.

1. Central State Institute of Veterinary Medicine, Bratislava
Branch; Veterinary Hygiene Service of the Central People's
Committee Prague; and Biochemical Institute of the Faculty of
Medicine, Comenius University, Bratislava.

KRCMERY, V., GRUNERTOVA, Helena

On the mechanism of action of tetracycline antibiotics. V.
The effect of oxytetracycline on the reduction of triphenyl-
tetrazolium by staphylococci and some other microorganisms.
Folia microbiol. (Praha) 9 no.4:222-231 15 Je'64

1. The State Veterinary Institute, Bratislava.

6

HOCHMANOVA, M.; KRČMERY, V.

Differentiation of bovine and avian mycobacteria by the determination of nicotine- and isonicotinamidase activity. (Short amidase group). Cesk. epidem. 13 no.4:241-243 J1 '64.

1. Statny veterinary ustav, pobočka Bratislava.

HUSTAVOVA, H.; KELLEN, J.; MCMERY, V.

Mechanism of action of tetracycline antibiotics. VII. Effect of substances influencing the oxidation-reduction potential of the medium on the antibacterial activity of oxytetracycline. J. hyg. epidem. (Praha) 9 no.2:212-219 '65.

1. Research Institute of Hygiene, Bratislava.

KELLEN, J.; HUSTAVOVA, Helena; KRCMERY, V.

New method of detection of certain bacterial oxidoreductases and transaminases by the indicator reaction on agar. Folia microbiol. 10 no.5:271-274 S ' 65.

1. Research Institute of Hygiene, Bratislava. Submitted October 1, 1964.

1/1

CZECHOSLOVAKIA

PARRAKOVA, E.; SECKAROVA, A.; ~~KRCKERY, V.~~; Research Institute of Hygiene (Vyskumny Ustav Hygieny) Project Head (Ideovy Vedouci Ukolu) Prof Dr P. MACUCH

"The Characteristics of Enterobacteriaceae of the Environment of Establishments of Livestock Production."

Prague, Veterinarni Medicina, Vol 13, No 2, Feb 67, pp 69 - 72

Abstract [Authors' English summary modified]: The resistance of 286 enteropathogenic strains of E. coli (selected from a total of 4864 strains) to tetracycline antibiotics was investigated. When the farm animals were fed antibiotics, resistant mutants of E. coli were found. On a farm where antibiotics were not used in the food, only 2 out of 107 strains were resistant; where antibiotics were used the majority of the strains were resistant. 1 Table, 4 Western, 1 USSR reference. (Manuscript received 27 Jun 66).

1/1

1/1

EAST GERMANY/CZECHOSLOVAKIA

KELLEN, J., KRCMERY, V., and MUSTAVOVA, H., Research Institute for Hygiene
[Original-Language version not given], Bratislava.

"Antibiotic Multiresistance as a Result of a Resistance to Oxytetracycline
Acquired in Vitro in the Case of Staphylococci and Escherichia Coli"

East Berlin, Zeitschrift fuer Allgemeine Mikrobiologie, Vol 7, No 1, 1967; pp
77-79.

Abstract: Contact with an antibiotic, in the present case oxytetracycline, may
bring about the development of multi-resistant variants of originally sensitive
strains (St. aureus ATCC 5824 and E. coli). Tetracycline acts as an inductor
on the penicillinase formation. In the case of staphylococci the multiresistance
is linked, in addition, with pigment loss. The possibility of induction of
multiresistance through tetracycline alone (especially the development of resis-
tance to penicillin) deserves to be studied with the greatest attention. 6
References, mainly Western. Manuscript received 1 Apr 66 .

1/1

KRCMERY-SZOLDOVA, M.

Public health personnel in Slovakia. Zdravot. rev. 25 no.5:107-108
20 May 50. (CJML 19:4)

TRANGOS, V.; KRČMĚŘOVÁ, H.

Antibiotic therapy of bacterial endocarditis. Cas. lek. cesk. 98
no.12:Lek. veda zahr. 64-71 20 Mar 59.

1. Z interneho oddelenia OUNZ Bratislava--okolie, prednosta MUDr.
J. Duchon.

(ENDOCARDITIS, SUBACUTE BACTERIAL, ther.
antibiotics, review (Cz))

(ANTIBIOTICS, ther. use,
endocarditis, subacute bact., review (Cz))

KRCMERYOVA, H.

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Affiliation: OUNZ /Okresny ustav narodneho zdravia; Okres Institute of Public Health/, Bratislava-Country; Director: J. DUCHON, MD.

Sources: Bratislava, ^{Outside of city of Bratislava} Lekarsky Obzor, Vol X, No 6, 1961, pages 321-330.

Data: "Novobiocin (Cathomycin) and Vankomycin. Two Effective Anti-Staphylococcic Antibiotics"

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KRCMERYOVA, H.; KRCMERY, Vl.; TRANGOS, V.

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Cas.lek.cesk 100 no.3:Lek Veda Zahr:1-6 20 Ja '61.

1. Interne oddel. OUNZ Bratislava-Okolie, prednosta MUDr. J. Duchon.
Statny vedecky veterinarny ustav v Bratislave, riaditel MVDr. M.
Halasa.

(STAPHYLOCOCCAL INFECTIONS) (HOSPITALS)

KRCMERYOVA, H.

(3)

CZECHOSLOVAKIA

DUCHON, J., MD; FERENCIKOVA, B; BUCHVALDOVA, S; KRCMERYOVA, H.

1. Internal Medicine Ward OUNZ (Interni oddelenie OUNZ), Bratislava-vidiek (for Duchon); 2. Kraj hygienicko-epidemiologicka stanica (Krajaka hygienicko-epidemiologicka stanica), Bratislava (for all)

Bratislava, Lekarsky obzor, No 4, 1963, pp 235-240

"The Use of Quantitative Bacteriological Examination of the Urine in the Diagnosis of Infections of the Uropoietic Tract."

YUGOSLAVIA

VUSIC, B., and P. KRZALIC, Institute for Veterinary Improvement (Zavod za Unapredjenje Veterinarstva) in Belgrade and Veterinary Center (Veterinarski Centar) in Sjenica.

"The Use of Selenium in the Prevention and Therapy of Muscular Dystrophy."

Belgrade. Veterinarski Glasnik, Vol 17, No 3, 1965, pp 249-255.

Abstract: [Author's English summary modified] Muscular dystrophy is widespread among lambs and calves in the Sjenica-Bester Macledania. Outbreaks occur in the spring. Symptoms were observed mainly in lambs two weeks old, although lambs three months old and more were also affected. Diagnosis was by clinical post-mortem examination and histopathology. Prevention and treatment were successful with two milligrams of sodium selenite per kilogram of body weight in lambs and 0.1 milligrams per kilogram in calves. Chart, photos, 19 references.

KRSTALIC, P.; VUJIC, B.; and BABIC, P., of the Veterinary Improvement Institute (Zavod za Unapredjenje Veterinarstva) in Belgrade, the Veterinary Center (Veterinarski Centar) in Sjenica, and the Galenika FIB [abbreviation not explained] in Belgrade.

"Bronchial Pneumonia among Lambs in the Sjenica-Pester Highlands."

Belgrade, Veterinarski Glasnik, Vol 17, No 7, 1963, pp 641-644.

Abstract: In contrast to incidence among adult sheep, in which bronchial pneumonia is most likely to strike during times of transition from one season to another, bronchial pneumonia is most common among lambs in the Sjenica-Pester highlands during the hottest months of summer. The observations of the authors lead them to reject lung parasites and viruses as possible causes. Two factors seem to be the most important, viz., inadequate diet and the climate of the area in summer (extremely hot days and cold nights). Lambs need better feed and to be allowed to build up resistance.

Four illustrations, one table, no references.

1/1

YUGOSLAVIA

KROZALIC, Pera, Institute of Parasitology and Veterinary Center (Institut za Parazitologiju i Veterinarski Centar), Sjenica

"Gastrointestinal Nematodes in Sheep in the Sjenica-Poster Area With Special Attention to the Dynamics and Intensity of Clinical Manifestations"

Belgrade, Acta Veterinaria, Vol 16, No. 3, 1966; pp 275-281

Abstract [German summary modified] :Condensation of doctoral thesis. Study of digestive organs of 127 lambs, 95 sheep and 87 cattle; description of frequency and types of gastric and intestinal parasites in various animals during various seasons; discussion of ecology. Thesis defended at the Veterinary College in Belgrade, 3 Jul 64.

1/1

KRDZHIYEVA, Lidiya; KRAVCHENKO, B. [translator]; KRAVCHENKO, Ye. [translator];
SOLODOVNIKOVA, T., red.; ISUPOVA, N., tekhn.red.

[Homemade preserves. Practical advice and recipes for making fruit preserves, salting, pickling, and preserving fruits, vegetables, and other products] Domashnie zagotovki; prakticheskie sovety-retsepty po izgotovleniiu varen'ia, solenii, marinadov, konservirovaniu plodov, ovoshchei i drugih produktov. Simferopol', Krymizdat, 1960. 208 p. (MIRA 13:8)
(Food--Preservation)

COUNTRY : Bulgaria
 CATEGORY : Farm Animals, General Problems
 ABS. JOUR. : ZEMiol., No. 1, 1950, No. 16615
 AUTHOR : Rusinov, Bt., Nirdzalova, I.; Stabanov, D.
 INST. : Agricultural Faculty of G. Dimitrov Uzhov
 TITLE : The stalks of the tobacco plant as feed
 for animals.
 ORIG. PUB. : Zhurnal sv. Viskh. sel. hosp. Inst. "G.
 Dimitrova." Zootekhn. fak., 1950, 6, 139-141
 ABSTRACT : According to data of a chemical analysis and
 experiments of digestibility, the nutritive
 value of 100 kg silage tobacco plants equals
 15 feed units. The digestibility was deter-
 mined in an experiment with two rams. -- G. A.
 Sorokhteyn

CARD: 1/1
 *Institute of Agriculture.

BULGARIA / Cultivated Plants. Medicinal Plants. M
Essential-Oil Plants. Poisonous Plants.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25122

Author : K"rdzhiyeva, N.

Inst : Zootechnical Faculty, Supreme Agricultural
Institute "G. Dimistrov"

Title : Study of Poisonous Substances and Oil in the
Cockle Seeds

Orig Pub : Nauchni tr. Vissh. selskostop. in-t
"G. Dimitrov." Zootekhn. fak., 1956, 6,
285-293

Abstract : In the seeds of the cockle (*Agrostemma*
githago) of the family Caryophyllaceae from
different localities in Bulgaria, the
contents of oil and githagin (I) (saponin,
which causes the toxicity of cockle seeds)

Card 1/2

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BULGARIA / Cultivated Plants. Medicinal Plants. K
Essential-Oil Plants. Poisonous Plants.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25122

were determined. The seeds contain, on the average, 5.8% of oil, 11% of water and 4.7% of I. A purer I preparation is obtained (melting point, 265°), according to Lebedev's method on species variability. Yield of pure I is about 2½% of the seeds' weight. The oil of I is rich in sterols and vitamins (about 3.42%); contains solid fat acids (8%), oleic acid (2.31%), and volatile substances (1%). Its refraction index is 70.75° at 20°; its acid number, 4.6; acidity degree, 8.16; saponification number, 184.5, and iodine number, 120.15. -- V. I. Safonov

Card 2/2

B/0010/64/000/006/0002/0002

ACCESSION NR: AP4042902

AUTHOR: K'rdzhov, D.

TITLE: Dependable flapping wings

SOURCE: Aviatsiya i kosmonavtika, no. 6, 1964, 2

TOPIC TAGS: flapping wings apparatus, motor driven "muscles wings," simplicity, economy

ABSTRACT: A group of amateurs have designed successful flapping wings. Aerodynamicists claim that flapping-wings flights should be much more economical compared with the ordinary airplane. The experiments with the one they have designed confirm this, and will, when well constructed solve the problem of motor-driven flapping wings as well as the "muscles-wings." The main principle of the apparatus is the movement of the wings on an epicycloid with a varied angle of attack. The apparatus weighing only 70 kg is very simple in construction, and despite the fact that it is equipped with an old motorcycle motor of 350 cc. takes off very easily and fast. They are certain that it will meet the high performances anticipated in the future.

Card 1/2

ACCESSION NR: AP4042902

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 00Jun64

ENCL: 00

SUB CODE: AC

NO REF SOV: 000

OTHER: 000

Card 2/2

KRDZIC, Mimir

Epidemic hepatitis and herpes zoster. Srpski arh. celok. lek. 89
no.4:505-506 Ap '61.

1. Opsta bolnica u Pristini. Upravnik: prim. dr Branko Zogovic.

(HEPATITIS INFECTIOUS compl)

(HERPES ZOSTER compl)

AKOPYAN, A.N.; KREBEKYAN, G.Ye.; SINANYAN, E.G.

Chemistry of divinylacetylene and its halo derivatives. Part 9.
Vysokom.soed. 5 no.5:681-686 My '63. (MIRA 17:3)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

KREBES, G.

Afforestation inventory in 1953. p. 17.

LES. Bratislava. Vol. 1, no. 5, May 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

KREBES, G.

"The question of density in the planting of seedlings." p. 157. (Polana, Vol. 9, no. 7/8, July/Aug. 1953. Praha.)

SO: Monthly List of ^{East European Vol. 3, No. 2,} ~~ACCESSIONS~~ Accessions/ Library of Congress, February ¹⁹⁵⁴ ~~1953~~, Uncl.

KREBES.

Krebes. Book about improvement of forest stands. p. 52. LES. Bratislava.
Vol. 1, no. 3, Mar. 1954.

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

MEBER, G.

MEBER, G. Inventorizing of afforestation work during 1955. p. 12.

Vol. 12, no. 2, Feb. 1956

LEO

AGRICULTURE

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

KREBES, Gajza, inz.

Reforestation of small spots of the Zahorie Downs. les cas 10
no. 3:283-292 Mr '64.

1. Research Institute of Forestry, Banska Stiavnica.

KREBES, G.; ORGON, J.

Some problems of poplar cultivation. Les cas 10 no. 7:679-
694 J1 '64.

1. Research Institute of Forestry, Banska Stiavnica, Research
Station Bratislava (for Krebs). 2. Forest Enterprise,
Palarikovo (for Orgon).

KREBES, T.

Mechanization of cleaning and disinfecting transporting hooks, knives, and other appliances in freezing plants. (Supplement) p. 42.

PRUMYSL, POTRAVIN. Praha, Czechoslovakia, Vol. 10, no. 1, January 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 1959.
Uncl.

KREBIKOV, O.V.; KRYLOV, D.N.

Results of the study on ultraparadoxal phase in clinical psychogenic reactions. Zh. vysshei nerv. deiat. 3 no.3:369-380 May-June 1953.
(CJML 25:4)

1. Moscow.

KREBS, E.

The death of Albert Schwietzer. Grv. hetil. 106 no.40:1903-1904
3 0 '65.

KREBS, Eta, dr.

Georges Duhamel. Orv. hetil. 104 no.32:1518-1521 Ag 11 '63.

(BIOGRAPHIES)

S/081/62/660/019/029/053
B101/B180

AUTHOR: Krebs, Josef

TITLE: Penetrometer determination of the setting of bakelite
molding materials

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1962, 506-507,
abstract 19:16 (Kaučuk a plast. hmoty, no. 7, 1961,
226-230 (Czech.))

TEXT: Various methods of determining the setting of molding materials are described, based on visual examination, determination of free phenol content, measurements of hardness, elastic modulus, shear strength, thermal expansion, resistance to chemicals, velocity and absorption of sound in the material, etc. One of the simplest and easiest is the penetrometric method. A needle 1 mm diam. heated to $190 \pm 0.5^\circ$ is applied to the material under a load of 15 kg and the depth of penetration determined. As a function of setting time it was found to have hyperbolic character. When the slope of the curve "penetration depth (mm) versus hardening time (min)" reaches a certain value ($\Delta h/\Delta T < 0.05$) setting time is 1/2

gonetrometer determination of the ...

6/081/62/000/010/009/053
7101/3180

is considered adequate. For bakelite molding materials the results are quite well reproducible. [Instructor's note: Complete translation.]



0.20 2/c

KREBS, Josef, inz.

Use of technological waste from phenoplast molding.
Stroj vyr 12 no. 5:351-353 My '64.

1. Higher School of Mechanical and Textile Engineering,
Liberec.

L 30714-66 EWT(1) IJP(c) AT

ACC NR: AP6020293

SOURCE CODE: GE/0061/65/015/002/0111/0112

AUTHOR: Krebs, Karl Heinz

39
B

ORG: Institute for Physics, Humboldt University, Berlin (Physikalisches Institut der Humboldt-Universität)

TITLE: Investigations on the isotopy effect in secondary electron emission on metal surfaces by positive ions

SOURCE: Annalen der Physik, v. 15, no. 2, 1965, 111-112

TOPIC TAGS: isotope, secondary electron emission, metal surface, positive ion, xenon, krypton

ABSTRACT: The ^{3/1}secondary electron emission on the surface of metals, existing in the form of two isotopes, by positive ions was investigated. Krypton and Xenon ions with energies between 12 and 25 keV were directed onto the surface of a nickel target at a pressure of 10^{-7} Torr. at an angle of 60° and the average number of the secondary electrons emitted per incident ion was determined. The isotopy effect was clearly evident, as shown by the results presented. L. Debercz, V. Kramer, J. Marsel and V. Vrsaj of the Nuclear Institute "Jozef Stefan", Ljubljana, Yugoslavia, carried out the measurements. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 20, 18 / SUBM DATE: 17Jul64 / ORIG REF: 005 / OTH REF: 002

Card 1/1 FV

JANIK, J.; KREBS, M.

Seminar on piezoelectricity in Liberec. Cs. čas. Fyz 14 no.2:
157-158 '64

1. Katedra fyziky, Vysoká škola strojná a technická, Liberec.

KREBS, Stanislav

Increasing the quality of air transportation. Letecky obzor
6 no.5:129 My '62.

KOSRS, Stanislav

Systematic control of the performance of the plan of active measures,
Izvestiya obror 8 no.5:129 Ky '64.

KREBS, Stanislav

Realistic future 1970. Letecky obzor 8 no.17-199 D '64.

1. Director of the State Administration of Aeronautic, Prague.

KREBS, Stanislaw

Role of the administration of airports in civil air transportation. Iatecky obzor 9 no.2:29-30 F 1965.

KREBS, V.

Small transfer of level changes in a manometer with the aid of photographic paper. Cesk. fysiол. 6 no.4:548-550 Nov 57.

1. Farmakologicka laborator Chemickeho ustavu, CSAV, Praha,
(MANOMETER,
photographic paper in registration of water column changes
(Cz))

VANACEK, J.; KRBS, V.; SCHEEROVA, E.; BIZLEKE, W.

Apparatus for intracerebral injections in mice. Cesk. fysiол. 8 no.3:
255 Apr 59.

1. Farmakologicka katedra fak. detskeho lek. Praha. Ustav pro kortikofis-
ceralni patologii v Berline-Buchu, Prednesno na III. fysiologickych dnech
v Brne den 15. 1959.

(BRAIN,

intracerebral inject. appar. (Cz))

(INJECTIONS, appar. & instruments,
same)

KREBS, V. I.

2

Electric moisture indicator for molding sands. O. I. Kuskova and V. I. Krebs, *Litetsnoe Proizvodstvo* 1953, No. 10, 9-10.—Elec. cond. of molding sands is fully ionic up to 2 ma. c.d., and is caused by the presence of water film coating the grains of the mixt. It does not follow Ohm's law since, with the increased c.d., conc. increases. Specific cond. of a sand is a function of comp. ssion applied to it, moisture compn., temp., and c.d. With a water content

below 2-2.5% its vol. in the mixt. is so small that a continuous film around all grains cannot form and no closed circuit is produced. Between 4.5 and 9% the cond. grows as a result of an enlarged cross section of the electrolyte, and a further increase of the moisture raises the cond. but little since most ions of the salt-poor water filling the pores are already taking part in conducting. Influence of sand compn. is appreciable. Under a pressure of 0.5 kg./sq. cm. and a moisture content of 5%, old sand has a cond. of 0.37×10^4 , molding sand of 0.33, and fresh sand of 0.28×10^4 ohms. Temp. increases cond. but slightly, and an increase in c.d. to 1.5 ma. raised cond. from 2 to 5×10^4 ohms for samples carrying 0.8% moisture and compressed under 0.5 kg./sq. cm. Moisture detns. can be made in a few min. with a schematically described probe and measuring circuit.

J. D. Gut /

BARABANOVA, Tamara Alekseyevna; KREBS, Varvara Yul'yevna; BLOKHIN,
N.N., red.; ANDREYEVA, L.S., tekhn. red.

[Statistical accounting and reports of a factory plant local
committee and trade-union organizers] Statisticheskii uchet i
otchetnost' FZMK i proforganizatorov. Moskva, Profizdat, 1962.
89 p. (MIRA 15:6)

(Trade unions—Accounting)

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1. Central Research Institute of Physics, Hungarian Academy
of Sciences, Budapest.

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Med ✓ A new method for the purification of estrogens from urine by paper chromatography. K. Andreč and M. Krec (Chem. Inst. "Boris Kidric," Ljubljana). Dokl. Akad. Nauk SSSR, Ser. Chem. Sci., 1964, 104, 1056 (in German). — The trichloroethylene ext. of hydrolyzed urine was chromatographed on paper with 0.5N NaOH. Estro-
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2

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1. Farmakologicky ustav, Ceskoslovenska akademie ved, Praha.

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changer Duolite A₁. K. Andrej and M. Krec (Int.
"Boris Kidric", Ljubljana) Bull. ~~act.~~ ~~Chem. Acad.~~ ²
RPF Yugoslav. 3, 2(1966) (in German).—Sepn. of estro-
genic urine exts. by adsorption on the Duolite A₁ anion
exchanger was quant. in H₂O and in 20% EtOH. With
EtOH the adsorptive capacity was 300-400 μ g of estrogen/3
g. exchanger. N. Pivsic

KRECAN, Jaromir

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Prof DR

Affiliation: /not given/

Sources: Prague, Ceskoslovenska Stomatologie, Vol 61, No 5, Sept 1961; pp 325-330

Data: "Forty Glorious Years of the KSC" (KSC=Komunisticka strana Ceskoslovenske - Communist Party of Czechoslovakia)

GPO 981643

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Automatic Performance Control in Metallurgical Plants.
J. Krecan, Ironwork Eng., 1934, 8, Dec., Supplement, 50-53
(in Czech). The scope of a projected central automatic
recorder of the important physical variables in production,
which is also operating as quality recorder and controller,
is discussed. Its installation is expected to lead to considerable
economies in production. - F. P.

PA
AD

Chen
MET

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Automatic control of operational accounting in the machinery industry. p. 136.

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641 (H14) 2
DRECHSLER, B.; KRECAN, J.

Use of magnetic registration of rotary removable head in electromyography.
Cesk. fysiolog. 6 no.4:527-529 Nov 57.

1. Neurologická klinika Karlovy university, Vyskumny ustav zdravotnicke
techniky, Praha.

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magnetic registering appliance & rotary removable head (Cz))

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P. 742. (SLABOPROUDY OPZOR) (Praha, Czechoslovakia) Vol. 18, no. 10, Oct. 1957

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KRECAN, J.

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p. 249 (Nova Technika, No. 6, 1958, Praha, Czechoslovakia)

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KRZHECHAN, Ya. [Krečan, J.]

Using a magnetic tape in diagnosis and physiological examinations.
Med. prom. 12 no.11:59-62 N '58 (MIRA 11:12)

1. Nauchno-issledovatel'skiy institut meditsinskoy tekhniki
Chekhoslovatskoy Respubliki (Praga).
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KRECAN, J.

New measuring and controlling methods in the chemical industry. p. 236

AUTOMATISACE. (Ceskoslovenska vedecka technicka spolocnost pro elektrotechniku pri Ceskoslovenske akademii ved, Odborna skupina automatisace a Ceskoslovenska spolocnost pro sireni politickych a vedeckych znalosti) Praha, Czechoslovakia, Vol. 2, no. 8, Aug. 1959

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Uncl.

KRECAN, J.

Symmetric amplifier for measuring instruments. P. 176.

SEDLOVACI TECHNIKA. (Ministerstvo strojirenstvi). Praha, Czechoslovakia,
Vol. 7, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
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KRECAN, J.

"New possibilities of control and management of power plants."

ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. 3, March 1959

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

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KREJCI, J.

"Causes of difficulties in putting electric - power equipment in operation."

ELEKTROTECHNIKA, Praha, Czechoslovakia, Vol. 14, No. 4, April 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

KRECAN, J.

"Problems of the introduction of automatic operational evidence." P. 407.

SLABOPROUDY OBZOR. (Ministerstvo presneho strojirenstvi, Ministerstvo spoju a Vedecka technicka spolecnost pro elektrotechniku pri CSAV).
Praha, Czechoslovakia, Vol. 20, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1959.
Uncla.

KRECAN, J.

Data processing centers in the chemical industry. Nova tehnika no.8:
356-358 '60.

84599

Z/014/60/000/009/004/007
A205/A026

9,2540(1048,1159,1331)

AUTHOR: Křečan, Jaroslav

TITLE: Electronic Voltage Regulator With Low Supply Voltage

PERIODICAL: Sdšlovaci technika, 1960, No. 9, pp. 344 - 345

TEXT: This is the description of a novel cascade wiring for a voltage regulator requiring only small supply voltages. Conventional regulator tubes "Tesla 12TA31" are sufficient for voltage regulation in various measuring instruments, but their application is limited by sudden current changes, occurring due to changes of the glow-discharge core on tube electrodes. The basic wiring of a regulator tube and the supply voltage source is shown in Figure 1, the cascade wiring of two (or more) regulator tubes for lower supply voltages is shown in Figures 2 and 3. The output voltages (E_3) and (E_1) of such a cascade amplifier circuit are influenced by changes of the zero point of the amplifier (A_1) load current which, in turn, is influenced primarily by fluctuations of the filament current. To avoid such fluctuations, the filament voltage can be either compensated or the tube of the amplifier (A_1) can be heated with stabilized current or voltage as shown in Figure 4. The tube of the second cascade stage is heated with stabilized d - c voltage together with the amplifier

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Electronic Voltage Regulator With Low Supply Voltage

output tubes from a common regulator (Fig. 5). Both, the voltage for feeding the voltage amplifier and the supply voltage for the filament regulator are derived from the cascade regulator. The filament regulator employs a steel-hydrogen stabilizer (variator) and an electronic regulator in parallel wiring. Fast changes and output-voltage ripple are compensated by the electronic regulator, slow changes by the variator. Since fast changes of the grid voltage are occurring very seldom a small tube, such as the "EBL 21" or the UBL 21" are sufficient even for high currents. A model cascade regulator, equipped with a "UBL 21" tube, a 325 ma steel-hydrogen variator for stabilization of the 400 ma filament current and a 15 v supply battery composed of "Mallory" mercury elements produced the following results: Input-voltage fluctuation (E_5) - 15%; output-voltage fluctuation (E_3) less than $\pm 0.1\%$; rippling of voltage (E_1) less than 5 mv; rippling of voltage (E_3) less than 0.2 mv; change of E_1 within 6 months less than 0.5%; apparent internal resistance of the first cascade stage less than 2Ω ; apparent internal resistance of the second cascade stage less than 10Ω . There are 5 figures, and 7 references: 4 Czech and 3 English.

Card 2/2

KRECAN, Jaroslav

An automatic correlator. Slaboproudy obzor 21 no.4:214-219 Ap '60.

(EEAI 9:8)

(Correlation (Statistics))

(Electronic calculating machines)

RADA, Jan, inz.; KRECAN, Jaroslav

The role of information-processing machinery in the automation of electric power systems. Energetika Cz 11 no.11535-539 N '61.

(Electric power) (Calculating machines)

KRECAN

Use of controlled cold-cathode discharge lamps for control and record circuits. Automatizace 5 no.4:113-114 Ap '62.

KRECAN

Electronic clock with code digital signalling. Automatizace
5 no.7:201 J1 '62.

KRECAN

Transistor control of direct current drives. Automatizace
5 no.10:285 0 '62.

KRECAN

A new type of pressure gauge with a free wire tensometer.
Automatizace 12 no.5:233 8 Ag '62.

KRECAN, J.

Transistorized recorder for converting the cyclic code into a binary code. Automatizace 6 no.1:24 Ja '63.

KRECAN, J.

New trends in organization and equipment of power controlling rooms.
Automatizace 6 no.4:106-107 Ap '63.

KRECAN, J.

Code impulse relay. Automatizace 6 no.5:126 My '63.

KREGAN, J.

Telephonic transmission of digital data. Automatizaco 6 no.6:
155 Je '63.

KRECAN, J.

New trends in the automatic control of machinery. Automatizace
6 no.9:235-236 S '63.

KRECAN, J.

Compensation measurement apparatus with digital recorder, a
miniature measurement station. Automatizace 6 no.11:283 N
'63.

KRECAN, J.

Automatic computers in Western Europe. Automatizace 7
no. 4: 109-110 Ap '64.

KRECAN, J.

New control system Motorola. Automatizace 7 no.2:49 F*64

KRECAN, Jaroslav

Experience in using digital computers for the control of
technological processes in the United States. Automatizace
7 no. 7:192-193 J1 '64.

KRECAN, J.

Analog digital capacitance converter. Automatizace 7 no.8:219-220
Ag '64.

DLOUHA, H.; KRAUS, M.; KRECEK, J.; PLISKA, V.

Sensitivity of rats to vasopressin in the weaning period.
Physiol. Bohemoslov. 14, no.3:217-224, '65.

1. Institute of Physiology and Institute of Organic Chemistry
and Biochemistry, Czechoslovak Academy of Sciences, Prague.

KRECAN, Jaroslav

First experience with the measuring chamber in the Porici II
Electric Power Plant. Energetika Cz 13 no.7:370-372 J1 '63.

1. Elektrarny Holesovice.

KRECAN, Jaroslav

Use of automatic computer in the AEG turbine factory. Automati-
zace 6 no.11:290 N '63.

Z/014/61/000/003/001/001
A205/A126

AUTHOR: Křečan, Zdeněk, and Vokurka, Jaroslav, Engineers

TITLE: More information on the MASER

PERIODICAL: Sdělovací technika, no. 3, 1961, 102 - 103

TEXT: The article gives some information on the function of two-level, three-level, gas and solid-state masers. The word "maser" is explained as acronym of the English designation Microwave Amplification by Stimulated Emission of Radiation. The maser is based on the fact that an atom (or molecule) has different energy levels of electron spins. In thermal equilibrium, lower levels are much more populated than higher-energy levels. This equilibrium can be disturbed by excitation: electrons are absorbing energy and undergo transition to a higher energy level. The article is meant to inform the readers of the journal. In conclusion the author states that the maser with its low noise level is very suitable for amplification of ultra-weak signals, such as those received from satellites, rockets, etc; for research into plasma and thermonuclear processes; as preamplifier in microwave spectrometers; etc. Employed as an oscillator, the maser generates millimeter and infrared waves. The high stability of gas masers is used

Card 1/2

More information on the MASER

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A205/A126

in frequency standards and atomic clocks. There are 5 figures and 3 non-Soviet-
bloc references. The references to the English-language publications read as
follows: J. P. Gordon, H. J. Zeiger, C. H. Townes: The maser - New Type of Micro-
wave Amplifier, Frequency Standard and Spectrometer, Phys. Rev., 1955, vol. 99,
p. 1264; J. R. Singer: Masers, John Wiley & Sons Inc. New York, 1959; D. C. Lainé
Masers or Parametric Amplifiers, Electronic Technology, 1960 May, p 174. ✓

Card 2/2

Z/048/62/000/002/002/002
D291/D304

AUTHOR: Křečan, Z., Engineer

TITLE: Semiconductors - the future of electronics - IIInd part:
junctions and transistors

PERIODICAL: Věda a technika mládeži, no. 2, 1962, 70

TEXT: This is the second part of a popular article on semiconductors and their application. The author describes the p-n junction and the electron currents when a positive or negative charge is applied to the p-section (valve and rectifier function of the p-n junction). He then describes the function of p-n-p and n-p-n junctions and their application in transistors when properly biased. The article will be continued. There are 3 figures. /

Card 1/1

L 00105-66 EEC(k)-2/T/EWA(h) IJP(c)
ACCESSION NR: AP5011186 CZ/0048/65/000/008/0278/0279

AUTHOR: Krecan, Zdenek (Engineer) ⁴⁴

TITLE: A new Czechoslovak semiconductor device, the tetrastor ^{125.44}

SOURCE: Veda a technika mladezi, no. 8, 1965, 278-279 ³⁶
_B

TOPIC TAGS: semiconductor research, tetrastor, semiconductor device

ABSTRACT: The operation of a thyatron and its limitations are described, and the design of a thyristor and its switching applications are discussed. The problems associated with contactless switching systems employing thyristors were investigated in 1963-1964 by Engr. Herman in the Statni vyzkumny ustav silnoproute elektrotechniky (State Research Institute of High-Current Electrical Engineering) in Bechovice. In order to overcome the drawbacks of thyristors which cannot be readily switched off once they have started to conduct current, in 1963 ⁴⁴ Dr. Husou, in the same institute, developed a new semiconductor device, the tetrastor. The tetrastor is described as well as the diffusion method of its fabrication. Its operation is explained and its similarity to two coupled transistors pointed out. The advantages of a tetrastor switch are compared with a transistor switch; the voltage applied to a tetrastor can be as high as 200 V, and currents of up to 10 amp can be switched on and off or can be controlled in

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ACCESSION NR: AP5011186

intensity by means of a special control electrode.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

JW
Card 2/2

KRECEK, Frantisek

Operational characteristics of steam ejectors. Energetika Cz 11
no.2:61-64, F '61.

KRECAN, Zdenek

"Principles of television" by L.Nozdrovicky. Reviewed by
Zdenek Krecan. Pokroky mat fyz astr 8 no.6:358 '63.