

COUNTRY	:	V
CATEGORY	:	
ABS. JOUR.	:	RZhBiol., No. 5 1959, No. 23056
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT cont'd	:	creatine phosphate), and then of glycogen also in the cardiac muscle, due to hypoxia.-- From the authors' summary

Card: 2/2

SZEKERES, L.; BANHIDY, F.; LENARD, G.; SOTI, J.

Effect of caffeine on the metabolism of normal and hypoxic heart muscle.
Acta physiol. hung. 14 no.2:195-200 1958.

1. Institute of Pharmacology, Medical University, Pecs.

(HEART, eff. of drugs on

caffeine on metab. of normal & hypoxic myocardium in rats)

(CAFFEINE, eff.

on metab. of normal & hypoxic myocardium in rats)

BANHIDY, Tiber

Cerundum or sillimanite? Musz elet 18 no.24:5 21 N '63.

1. MINERALIMPEX.

BANI, J.

"New Drivers Help Agriculture", P. 548, (SVET MOTORU, Vol. 8, No. 18,
Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EFAL), IC, Vol. 4,
No. 1, Jan. 1955, Uncl.

BANI, J.

"How Comrade F. Krocka from Bratislave Improved his JAWA Motorcycle",
P. 550, (SVET MOTORU, Vol. 8, No. 18, Aug. 1954, Praha, Czechoslovakia)

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

BANI, J.

"Motorists Prepare for an Annual Convention." p 677 (SVET MOTORU.
Vol. 8, No. 22, Oct. 1954; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 4, April 1955, Uncl..

BANI, Jozsef (Bratislava)

From the forge of outstanding parachutists. Repules 14 no.11:8 N '61.

BANIA, A.

① Fuel

Journal of the Institute
of Petroleum
Vol. 40 No. 361
Jan. 1954
Oilfield Exploration and
Exploitation

12. Apparatus BeA for extraction of casing from
drillhole. A. Bania. Nafta (Krakow), 1952,
8, 279-80.--Author describes apparatus BeA ~~is~~ of
his own invention with aid of diagram and
suggests a procedure to be followed. M.S.

5-11-57
JF

BANIA, A.

Sito pompowe BeA--Nafta I/1953.

SO: Oil Wells, by Z. Onyszkiewicz, PWSZ, Warsaw, 1955, Unclassified.

BANIA, A.

①

Journal of
the Institute
of Petroleum
Vol. 40 No. 362
Feb. 1954
Oilfield
Exploration and
Exploitation

149. Sand and water filter (for well-bottom pumps) "BeA." A. Bania. *Nafta* (Krakow), 1953, 9, 15-17.--An internal sleeve (acting as a baffle) level with perforated pipe (acting as a filter) situated ca 2.5 m above well bottom and ca 15 m below pump allows sand to settle down, whilst water may be removed even if only little has collected between pumpings. Thus the existence of a constant head of water in the well is made impossible, and sand does not enter pump. Pumping stops when crude level falls below the pump, where a vent is made.
M.S.

BANIA, A.

The reconstruction of the well Zuber 2 in Krynica p. 60.

WIADOMOŚCI NAFTOWE. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Przemysłu Naftowego i Związku Zawodowego Górników Naftowców)
Krosno, Poland.
Vol. 5, no. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

BANIA, Aleksander

Joints for pipes in shafts. Wiad naft 6 no.2:27-28 F '60. (KEAI 9:10)
(Petroleum) ♣

RANIA, Aleksander; OGRODNIK, Adam

Mechanical packers for closing the pipes. Wlad naft 6 no.9:195-196
S '60. (EEAI 10:1)
(Poland--Oil well drilling)

BANIC, Branislav, urolog asistent Hirurske klinike u Sarajevu.

Renal contusion in athletes and its treatment. Med. arh., Sarajevo
8 no.3:43-48 May-June 54.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu, sef prof.
dr. B.Kovacevic.

(KIDNEYS, wds. & inj.

contusion in athletes, ther.)

(CONTUSIONS

kidneys, in athletes, ther.)

(ATHLETICS

renal contusion in athletes, ther.)

~~BANIC~~, Branislav, dr., asistent hirurske klinike, urolog

Pyelitis in pregnancy. Med. arh., Sarajevo 8 no.4:19-25 July-Aug 54.

1. Sa Hirurske klinike Medic. fakulteta u Sarajevu, sef. prof. dr.
B.Kovacevic.

(PYELITIS, in pregn.
ther.)

(PREGNANCY, compl.
pyelitis, ther.)

BANIC, Branislav, dr., Asist. Hir. klinike, urolog.

Urethrorraphy as a surgical method in the treatment of urethral stenosis after closed trauma. Med. arch., Sarajevo 9 no.4:15-45 July-Aug 55.

1. Sa Universitetske Hirurske klinike u Sarajevu, sef prof. dr. B. Kovacevic.

(URETHRA, stenosis

caused by closed trauma, surg., urethrorraphy. (Ser))

(WOUNDS AND INJURIES,

closed, causing urethral stenosis, surg., urethrorraphy.

(Ser))

BANIC, Branislav, Dr., Asist., Hir., Klinike, Urolog.

Kidney ecchinococcosis. Med. arh., Sarajevo 9 no.6:11-27
Nov-Dec 55.

1. (Sa Universitetske hirurske klinike u Sarajevu, sa prof.
dr. B. Kovacevic).
(KIDNEYS, dis.
ecchinococcosis. (Ser))
(ECHINOCOCCOSIS,
kidneys. (Ser))

BANIC, Branislav, doc. d-r, urolog

Postoperative osteitis pubis. Med. arh., Sarajevo 12 no.2:29-39 Mr-Šp '59.

1. Hirursak klinika Medicinskog fakulteta u Sarajevu, šef: prof.
d-r Blagoje Kovacevic.
(PUBIC BONE dis.)
(OSTEITIS)

BANIC, Branislav, doc. d-r

Application of partial nephrectomy in the treatment of nephrolithiasis.
Med. arh., Sarajevo 13 no. 4: 47-62 J1-Ag '59.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu, sef: prof.
d-r B. Kovacevic; Uroloske odjeljenje, sef: doc. d-r B. Banic.
(URINARY CALCULI surg.)
(NEPHRECTOMY)

BANIC, B.
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Dr.

Affiliation: Belgrade

Source: Belgrade, Galenika, No 3, July-September 1961, p. 93.

Data: Article Reviews: "Clinical Experiences with Guanethidine in the Treatment of Hipertension" by Kelly, J. J., Housel, E. L., and Daly, J. W. (J. A. M. A.); "Promethazine and Pain," by Moore, J. and Dundee, J. W. (Brit. J. of Anaesthesia).

BANIC, B.R.; MEDAKOVIC, M.D.

Effect of carbon tetrachloride on the action of morphine and morphine-like analgesics. Acta med. iugosl. 15 no.4:392-404 '61.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.
(CARBON TETRACHLORIDE pharmacol) (MORPHINE pharmacol)
(ANALGESICS AND ANTIPYRETICS pharmacol)

YUGOSLAVIA

B. BANIC and M. MEDAKOVIC, Department of Pharmacology, Medical Faculty (Farmakoloski institut Medicinskog fakulteta), University of Belgrade.

"Effect of Carbon Tetrachloride on Codeine Analgesia in Rats."

Belgrade. Acta Medica Jugoslavica, Vol 16, No 1, 1962; pp 52-63.

Abstract [English summary modified]: CCl_4 2.5 or 3 ml./Kg s.c., 48 hours before i.p. injection of codeine 4 to 25 mg. strongly potentiated and prolonged analgesia as tested by tail flicker method. Effect of morphine 4 or 10 mg.Kg. also prolonged but to a lesser degree. Effect assumed to be primarily due to inhibition of liver conjugation of the analgesic drugs. Three graphs: 1 Hungarian, 2 Yugoslav and 17 Western references.

1/1

YUGOSLAVIA

R. BANIC and M. MEDAKOVIC (Affiliation above.)

"Effect of Chronic Morphine Treatment on Intestinal Peristalsis in Rats."

Belgrade, Acta Medica Jugoslavica, Vol 16, No 1, 1962; pp 64-67.

Abstract [English summary modified]: Attempt to study development of pharmacologic tolerance to constipating effect of morphine. In 20 rats, 4-hour production of fecal pellets was determined during the week preceding treatment, and during 5 weeks of daily s.c. administration of 0.5 mg./Kg. (4 hours after each injection.) Average untreated was 228, average during the five weeks of treatment was 82, 84, 77, 70, and 66 respectively - i.e. certainly no tolerance; if anything, the opposite. Table, 5 references: 3 Western, Hungarian, Yugoslav.

1/1

BANIC, B.; MEDAKOVIC, M.

Effect of prolonged morphine treatment of intestinal motility in the rat. Acta med. iugosl. 16 no.1:64-67 '62.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.
(MORPHINE) (INTESTINES)

5

BANIC, B.; MEDAKOVIC, M.

Effect of carbon tetrachloride on the analgesic effect of codeine in the rat. Acta med. iugosl. 16 no.1:52-63 '62.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.
(CARBON TETRACHLORIDE) (CODEINE)

BANIC, B.; MEDAKOVIC, M.

Effect of morphine and similar analgesics on the activity of nicotine and 5-hydroxyptamine. Acta med. iugosl. 17 no.2:175-186 '63.

1. Farmokoloski institut Medicinskog fakulteta u Beogradu.

S

BANIC, B.; MEDAKOVIC, M.

Effect of reserpine on the action of morphine at a low temperature.
Acta med. iugosl. 17 no.2:187-194 '63.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.

S

BANIC, J.
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Belgrade, Veterinarski glasnik, No 9, 1961, pp 775-776.

Data: "Torticollis Caused by the Incorrect Transportation."

PERPAR, M.; PERKAVAC, J.; BANIC, P.

Chromatography of saccharides on plates, Farmaceut vest 14
no.10/12:191-202 '63.

1. Chair of Organic Chemistry of the Faculty of Natural Sciences
and Technology, University of Ljubljana, Ljubljana.

EXCERPTA MEDICA Sec 4 Vol 13/6 Med. Micro. June 60

1965. TRANSDUCTION TO PENICILLIN AND CHLORAMPHENICOL RESISTANCE
IN SALMONELLA TYPHIMURIUM - Banic S. Inst. of Microbiol., Med.
Fac., Ljubljana - GENETICS 1959, 4473 (II) (349-455) Tables 7 (IV, 1*)

BANIC, S.

Antibacterial action of some histaminics. Bul sc Youg 7
no.1/2:7 F-Ag '62.

1. Institut za mikrobiologijo Medicinske fakultete,
Ljubljana.

*

BANIC, S.

YUGOSLAVIA

Docent DR B. VARGAZON and Prof Dr S. BANIC, Internal Medicine Clinic (Interna klinika), Head (Upravnik) Academician Prof Dr I. TAVGAR, and Department of Microbiology (Mikrobioloski institut), Head Prof Dr S. BANIC, Medical Faculty of University (Zdravniska fakulteta vscucilisca), Ljubljana.

"Role of C-Reactive Protein In Determining State of Rheumatic Disease."

Belgrade, Medicinski Glasnik, Vol 17, No 1, Jan 63; pp 24-26.

Abstract : Review of literature and authors' own experience with the CRP test. Table of presumably original data shows latex CRP test was positive in 26, doubtful in 2 and negative in 59 of 87 tests made in 76 patients with 12 diagnostic classifications. Two case reports, 6 Western references.

1/1

BANIC, S.: 1959-1960, 2.

the quantitative method—a great advance in the bacteriological diagnosis of urinary infections. Zdrav. vestn. 34 no.7/8:153-156 1959.

1. Institut za mikrobiologijo medicinske fakultete v Ljubljani (predstojnik: prof. dr. Stanke Banic).

BANIC, Stanko

Value of the Middlebrook-Dubos reaction in the diagnosis
of tuberculosis. *Tuberkuloza* 15 no.2:167-177 Ap-Je '63.

I. Mikrobioloski institut Med. fakulteta u Ljubljani - Prestojnik:
doc. dr St. Banic.
(TUBERCULOSIS) (HEMAGGLUTINATION)

1.
2.
3.
4.

S

BANIC, S.; ERJAVEC, F.

Antibacterial activity of the preparation "Lekosept". Zdrav.
vestn. 33 no.8:199-201 '64

1. Institut za mikrobiologijo medicinske fakultete v Ljubljani
(Predstojnik: prof. dr. S. Banic); Institut za farmakologijo me-
dicinske fakultete v Ljubljani (Predstojnik: prof. dr. P. Lence).

KUBA, Pavel, inz.; BANIC, Tibor, inz.

Colorimetric determination of diethylenetriamine in ethylenediamine. Chem zvesti 17 no.6:445-448 '63.

1. Chemicke zavody J.Dmitrova, n.p., zavodny vyskum, Bratislava, ulica Februarovoho vltasstva.

LUPASCU, E., dr.; STERESCU, P., dr.; BANICA, A., dr.; STRULOVICI, D., dr.;
ISBASOIU, D., dr.

Clinical aspects of acute poisoning by parathion. Med. intern. 15
no.2:207-212 F '63.

1. Lucrare efectuata in Spitalul de boli contagioase "Prof. dr. V. Babeș",
Bucuresti.

(PARATHION)

LIPASCU, Gh.E., dr.; BOZEMBENI, L., dr.; BANICA, A., dr.; MINARBEANI, H., dr.;
RAIDULESCU, M., dr.

Considerations on several current aspects of Pseudomonas aeruginosa
infections. Microbiologia (Bucur.) 10 no.4:343-347 J1-Ag '65.

1. Lucrare efectuata in Spitalul de boli contagioase "Prof. dr.
Victor Babes", Bucuresti.

L 45252-66 T JK
ACC NR: AP6033589

SOURCE CODE: RU/0023/65/010/004/0343/0347

AUTHOR: Lupascu, Gh. E.--Lupashku, G. Ye. (Doctor); Rozemberg, L.-(Doctor);
Banica, A.--Baniko, A. (Doctor); Dunareanu, H.--Duneryanu, Kh. (Doctor);
Radulescu, M.--Redulesku, M. (Doctor)

24
B

ORG: "Prof. Dr. Victor Babes" Hospital for Contagious Diseases, Bucharest (Spitalul de boli contagioase "Prof. Dr. Victor Babes")

TITLE: Observations on current aspects of infections with pseudomonas aeruginosa
[This paper was presented at the Symposium of Pediatrics at Region "Tudo Vladimirescu" Bucharest.]

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 343-347

TOPIC TAGS: bacteria, antibiotic, infective disease, bacteriology

ABSTRACT: The authors summarize the main aspects of B. pyocyanic infections occurring under pathologic suprainfection conditions, with a view to their classification. Special emphasis is placed on the effect of the introduction of antibiotics on the equilibrium of microbial flora, and on the need for a sustained control of organism reactivity. [Based on authors' Eng. abst.] [JPRS: 32,913]

6

SUB CODE: 06 / SUBM DATE: 16Jun65 / OTH REF: 009

Card 1/1 *flh*

UDC: 616-022.711.32-052 2

RUMANIA

UDC: 616.988:616.428

MARINESCU, Gh., Dr, SARATEANU, D., Dr, ATHANASIU, Pierrette, Dr, GHEORGHIU, V., Dr, BANICA, A., Dr, IOANESI, I., Dr, and DRAGOMIR, V., Dr. Work performed at the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (Academia Republicii Socialiste Romania).

"Benign Lymphoreticulosis with Erythemato-Nodular Eruption After Inoculation."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 5, Sep-Oct 66, pp 399-405.

Abstract [Authors' English summary modified]: The authors report a case of benign inoculation lymphoreticulosis with erythema nodosa in a 56-year old woman. The laboratory tests confirming the diagnosis included positive intradermal reactions with the psittacosis heteroantigen and with the specific antigen prepared from lymph node pus, complement-fixation and hemagglutination-inhibition tests, etc. Clinical and epidemiologic data showed the presence of a non-bacterial purulent inguinal adenopathy and close contact with cats.

1/2

POPESCU, Nicolae (Bucuresti); CONSTANTIN, Nita (Bucuresti); BANICA, C.
(Bucuresti); STOIA, M. (Bucuresti)

Solved problems. Gaz mat fiz 70 no.2:76-78 F '65.

BANICA, Constantin; POPESCU, Nicolae

Generalized differentials. Comunicarile AR '3 no.6:523-528 Je '63.

1. Comunicare prezentata de academician Gr. C. Moisil.

BANICA, Emil, ing.

Some ends in controlling the achievement and the quality of
road modernizing works. Rev transport 9 no. 11:471-474 N '62.

RUMANIA / Farm Animals. Cattle.

Q-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64433

Author : Petrescu, A.; Banica, G.

Inst : Not given

Title : From the Experience of the State Farm Popesti-Leordeni in:
Regard to the Increase of Milk Production in Cows.

Orig Pub : Precl. zootehn., 1957, No. 6, 61-63

Abstract : No abstract given.

Card 1/1

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 9,
Sep 1961, pp 68-70.

Data:
"Artificially Induced Lactation in Non-fecund Cows."

Authors:

BANICA, Gh. P., -Engineer,- Department of State Farms (Departamentul G.A.S.).

TEDORU, V., -Engineer,- Institute of Endocrinology (Institutul de Endocrinologie).

NENOVICI, C., -Engineer,- Center for Artificial Inseminations (Centrul de Insamintari Artificiale), Agigea.

GPO 981643

BANICA, Gh.; TEODORU, V.

Milk production of cattle with re-established reproductive function following artificially induced lactation. Stud. cercet. endocr. 13 no.6:813-814 '62.

(LACTATION) (REPRODUCTION) (MILK) (SEX HORMONES)

L 29746-66

ACC NR: AP6020876

SOURCE CODE: RU/0005/65/000/002/0033/0039

AUTHOR: Condrea, Sergiu (Professor; Engineer); Banica, Ion (Engineer)

ORG: none

TITLE: Time-synthesis method for pulse forming circuits

SOURCE: Telecommunicatii, no. 2, 1965, 33-39

TOPIC TAGS: electronic circuit, Fourier series

ABSTRACT:

The authors describe a new time-synthesis method for an R-L-C reciprocal fourpole circuit based on an analysis of the unit pulse response of an elementary dissipative circuit. This response pulse is approximated by a damped periodic function developed as a finite Fourier series. The formulae for a fourpole having a specified response are established and illustrated. Orig. art. has: 7 figures, 28 formulas and 1 table. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 005
SOV REF: 002

Card 1/1

TH. NICA, I. BALUTEI, B. DERMENGI, GH. POSEA, R. TRIFAN, O. SESERMAN, M. BANICA,
A. SMOLEAC, L. NEGREA.
Institute of Agronomy.

Study of Properties of Sheepskins Used for Imitation of Coypu Fur.
Anuarul. lucrar. stiint, Inst. Agron., 1957, 335-349.

Abstract: The properties of skins of adult lambs with fine or semifine wool (18 to 34) were studied; imitated coypu fur ("Nutriet") is produced of these skins after processing them by tanning, combing, clipping, dyeing and smoothing. 80 lamb skins of the improved sheep breed "Spanka" were studied with a view to improve the quality of the raw material for manufacturing high quality "Nutriet". The lambs are slaughtered 5 1/2 to 6 1/2 months old, when they weigh not less than 26 kg having been fed well above the Normal. It is shown that the breeding and selection of sheep should be carried out taking into consideration the following specified mean qualitative indices in order to avoid any losses in the wool production and of mean and mill wool thickness - 18to26, wool density - 4000 to 5000 fiber per sq.cm.; the uniformity and elasticity of wool and skin, as well as the satinity and lustre of wool must be good, wool strength, 9.36 - 0.16 g; elongation - 36-8 - 0.18% derma thickness 2.32 mm living lamb weight - 28.2 kg; meat yied - 48%; raw skin weigt - 3.9 kg; raw skin area -70 square inches. Grading of the studied skins of sheep of the improved breed "Spanka" after their processing resulted in 57.5% of I class skins, 37.6% of II class skins, 3.8% of III class skins and 1.2% of Scrap.

POPA, N., ing.; BIRSAN, C., ing.; BANICA, P., ing.; LAZAR, L., ing.;
VASILIU, M.

Debating the quality of light insulating materials. Constr
Buc 16 no. 736&2 15 F'64.

1. Director al Intreprinderii de Prefabricate de Elemente de
Constructie, Brasov (for Birsan). 2. Directorul intreprin-
derii "Granitul", Bucuresti (for Banica). 3. Directorul
fabricii "Teleajen", Berceni (for Vasiliu).

NOSSA, L., dr.; SIMONETTI, O., dr.; BANICEANU, M., dr.; MIHAILESCU, I., dr.

Chronic dermatomyositis with visceral onset. Med. intern., Bucur
12 no.11:1713-1717 N '60.

1. Lucrare efectuata in Spitalul unificat, Dej.
(DERMATOMYOSITIS case reports) (GASTROENTEROLOGY)
(BILE DUCTS diseases) (KIDNEY DISEASES etiology)

ZAMFIRESCU, T. (Bucuresti); ATANASIU, Ionel (Focsani); VIOREL,
Voda Gh. (Bucuresti); SIMIONESCU, Gh. D.; VASILESCU, C.
(Ploiesti); BANICA, Octavian (Cimpulung-Muscel); BUICLIU,
G.; DORIN, Alexandru (Bucuresti); IOAN, Filip, prof.
(Sacadat)

Solved problems. Gas mat B 15 no. 5:209-218 May 24.

RISTIC, Milosav; BANICEVIC, Bosidar

Dysproteinemias in heart diseases. Srpski arh. celok. lek.
90 no.3:263-269 Mr '62.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu Upravnik: prof. dr. Branislav Stanojevic.
(BLOOD PROTEINS) (HEART DISEASES blood)

BANICEVIC, Bozidar

Clinical diagnosis of a case of acute gastric dilatation.
Srpski arh. celok. lek. 90 no. 7/8: 759-762 JI-Ag '62.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu Upravnik: prof. dr. Branislav Stanojevic.
(STOMACH)

BANICEVIC, Bozidar

Appropos of a case of superior vena cava syndrome. Srpski arh.
celok. lek. 90 no.10:997-1001 0 '62.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu Upravnik: prof. dr. Branislav Stanojevic.
(VENA CAVA, SUPERIOR) (VASCULAR DISEASES)

PERISIC, Vera; KONECNI, Josip; BANICEVIC, Bozidar

Effect of a spironolactone aldosterone inhibitor and chlorothiazide on water and electrolyte excretion in liver diseases. Srpski arch. celok. lek. 92 no.3:301-308 Mr '64.

1. Interna klinika A Medicinskog fakulteta univerziteta u Beogradu (Upravnik: prof. dr. Branislav Stanojevic).

KONECNI, J.; PERISIC, Vera; BANICEVIC, Bozidar; PASTRAKULJIC, Nada;
GLIDZIC, Lela

Hydrocortisone therapy of acute infectious hepatitis. II. Results of prolonged therapy. Srpski arh. celok. lek. 92 no.7: 723-733 J1-Ag '64

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Branislav Stanojevic).

PERISIC, Vera; GLIDZIC, Lela; BANICEVIC, Bozidar; PASTRAKULJIC, Nadezda

Role of the determination of protein metabolism in liver diseases.
Srpski arh. celok. lek. 93 no.1:15-22 Ja '65.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu
(Upravnik: prof. dr. Branislav Stanojevic).

RISSIC, Milosav; PENDIC, Smilja; BANICEVIC, Bozidar; NESTOROVIC, Nadezda.

Clearance of bromsulphalein and colloidal radiogold in liver
function tests. Srpski arh. celok. lek. 93 no.2:121-130 F ' 65.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu
(Upravnik: prof. dr. Branislav Stanojevic); Radioloski institut
Medicinskog fakulteta Univerziteta u Beogradu (Upranik: prof. dr.
Bogoljub Besnjakovic).

YUGOSLAVIA

STEFANOVIĆ, Stanoje, KONEČNI, Josip, BANIČEVIĆ, Božidar, VELJOVIĆ,
Radoje; Clinic A of Internal Medicine, Medical Faculty, Belgrade University

"Oral Treatment of Pernicious Anemia"

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 94, No 6, 1966,
pp 535-540

Abstract: [Authors' English summary modified] The article describes the cases of 12 patients suffering from pernicious anemia who were orally treated with vitamin B¹² and the intrinsic factor (Biofac). The diagnosis was confirmed by clinical, cytological, and biochemical methods, and the oral treatment was the first therapy employed. Total recovery was achieved in 11 out of 12 patients, this being similar to other recoveries obtained by parenteral use of vitamin B¹². The control examinations of the patients speak in favor of the preparations used. The remission of one patient which lasted already 19 months and the experiences obtained in Denmark with Biofac give hopes of the permanent effect of oral treatment of pernicious anemia. The patient who failed to recover even with the parenteral use of vitamin B¹² led to doubts of the existence of a true pernicious anemia. As the patient refused further examination, the proper diagnosis of the disease could not be established. There are 2 Yugoslav and 19 Western references. (Manuscript received, 18 Feb 66.)

1/1

- 62 -

ACC NR: AP7000775

SOURCE CODE: UR/0208/66/006/006/0947/0961

AUTHORS: Banichuk, N. V. (Moscow); Petrov, V. M. (Moscow); Chernous'ko, F. L. (Moscow)

ORG: none

TITLE: A numerical solution of variational and boundary problems by the method of local variations

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 6, no. 6, 1966, 947-961

TOPIC TAGS: numerical solution, variational problem, dynamic programming, algorithm, digital computer, variational calculus

ABSTRACT: An algorithm for numerical solution of variational problems for functions of two independent variables is presented. The algorithm makes use of the method of local variations (F. L. Chernous'ko. Metod lokalnykh variatsii dlya chislennogo resheniya variatsionnykh zadach. Zh. vychisl. matem. i matem.fiz, 1965, 5, No. 4, 749--754). The variational problem is stated as: It is required to find a function of two variables $u(x,y)$, defined in the domain D of the xy plane, satisfying the constraints $u = g(x,y)$ on C and

$$(x, y, u) \in U, \text{ in } D,$$

$$(x, y, u, u_x, u_y) \in G \text{ in } D,$$

Card 1/2

UDC: 519.3:518

ACC NR: AP7000775

and minimizing the functional

$$I = \int_D f(x, y, u, u_x, u_y) dx dy.$$

The subscripts x and y denote partial derivatives; C - the boundary of D (a closed edge); U - a given set in three-dimensional space x, y , and u ; G - a given set in the five-dimensional space x, y, u, u_x, u_y ; f, g - given functions. The logic of the algorithm is broken down into specific steps which correspond to subprograms of a computerized routine. Several problems of this type were analyzed on a "Strela" digital computer. Some example solutions are demonstrated. The authors express thanks to I. A. Krylov and S. A. Solov'yeva for their attention to the development of the program. Orig. art. has: 28 equations and 8 figures.

SUB CODE: 12/ SUBM DATE: 14Dec65/ ORIG REF: 008/ OTH REF: 002

Card 2/2

BANIE, Branislav, doc., dr.

Conservative and surgical therapy of strictures of the urethra in inflammatory conditions--mostly of gonorrheal origin. Med. arh. 15 no.3:131-142 My-Je '61.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu (Sef: prof. dr Feodor Lukae).
(GONORRHEA ther) (URETHRA dis)

BANIEWICZ, N.

Auto-serotransfusion into the cisterna magna and the spinal canal in viral diseases of the nervous system. Polski tygod. lek. 6 no.11:342-346 12 Mar 1951. (CIML 20:11)

1. Of the Neurological Department (Head -- Napoleon Baniewicz, M.D.) of the Municipal Hospital in Bydgoszcz.

BANIEWICZ, Napoleon

Recollections about Stanislaw Wladyczka (1887-1936). *Neurologia*
etc. polska 11 no.5:601-604 '61.

1. Z Oddzialu Neurologicznego Szpitala Ogolnego Nr 1 w Bydgoszczy.
(BIOGRAPHIES)

BANIEWICZ, Napoleon

On the sternal reflex in severe pathological conditions of the cerebral hemispheres with signs of somnolence and coma. Neurol. neurochir. psychiat. pol. 12 no.1:1-6 '62.

1. Z Oddziału Neurologicznego Szpitala Ogólnego Nr 1 w Bydgoszczy
Ordynator Oddziału: dr med. N. Baniewicz.

(REFLEX) (BRAIN dis) (COMA diag)
(SLEEP DISORDERS diag) (STERNUM physiol)

BANIEWICZ, Napoleon; KRASNICKA, Zuzanna

A form of progressive paralysis resembling multiple sclerosis.
Neurol. neurochir. psychiat. pol. 12 no.5:647-650 '62.

1. Z oddziału Neurologicznego Szpitala Ogólnego Nr 1 w Bydgoszczy
Ordynator: dr med. N. Baniewicz i z Pracowni Warszawskiej Zakładu
Neuropatologii PAN Kierownik Pracowni: doc. dr med. E. Osetowska.
(MULTIPLE SCLEROSIS) (ENCEPHALITIS)
(DEMYELINATION)

BANIEWICZ, Napoleon; KRASNICKA, Zuzanna

Form of progressive paralysis resembling disseminated sclerosis.
Neurol neurochir psych 12 no.5:661-668 S-0 '62.

1. Oddzial Neur. logiczny Szpitala Ogolnego Nr 1, Bydgoszcz.
Ordynator: dr med. N. Baniewicz, i Pracownia Warszawska Zakladu
Neuropatologii Polskiej Akademii Nauk, Warszawa. Kierownik
Pracowni: doc. dr med. E. Osetowska.

BANIEWICZ, Napoleon

Sternal reflex in cases of brain stem lesions. Neurol. neurochir. psychiat. Pol. 14 no.1:29-34 Ja-F '64.

1. Z Oddziału Neurologicznego Szpitala Ogólnego Nr 1 w Bydgoszczy (Ordynator Oddziału: dr. med. N. Baniewicz).

TA 29798

BANIGE, M. YU.

USSR/Ships - Construction
Engines, Marine

Jan/Feb 1947

"Types of Internal Combustion Engines for River
Fleets," M. Yu. Banige, Candidate in Technical Sci-
ences, GII imeni Ladanov, 2 pp

"Sudostroyeniye" No 1

Two peculiarities characterize riverboat engines:
The wide variety of types of equipment and range of
capacities, and their remarkably high power. The
author discusses various characteristics of typical
riverboat engines, their cycles, methods of deter-
mining required cycles, type of construction, and the
advantages of certain types.

88

29798

BANIGE, M.Yu., kand.tekhn.nauk

Relation between the mean effective pressure and the pressure
of the air supplied by a blower in supercharging diesels. Trudy
GPI 14 no.1:83-87 '58. (MIRA 13:2)
(Marine diesel engines)

L 6507-66 EWT(1)/EWT(m)/T/EWP(t)/EWP(z)/EWP(b)/EWA(c)/EED(b)-3 IJP(c)
ACCESSION NR: AP5021111 JD/RW/MJW(CL) UR/0056/65/049/002/0470/0475

AUTHOR: Krinchik, G.S.; Banin, Ye. S.

TITLE: Natural frequencies of nickel and nickel alloys in the infrared spectral region

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 2, 1965, 470-475

TOPIC TAGS: nickel, nickel alloy, IR spectrum, Kerr effect, magneto-optic effect, electron transition

ABSTRACT: This is a continuation of earlier work (ZhETF v. 48, 34, 1965), in which small anomalies, with frequencies 0.3 and 0.8 eV, were observed in the magneto-optic spectrum of nickel. These anomalies were identified with direct interband transitions. The present article presents results of an experimental investigation of these anomalies in different binary alloys with nickel base and with electron concentrations close to that of nickel. The equatorial Kerr effect was measured in the infrared region of the spectrum by means of the same experimental setup as before. The nickel was alloyed with Cu, Sn, Mn, and Al. The same anomalies at 0.3 and 0.8 eV were observed and are attributed not to carrier motion, but to a single type of

Card 1/2

L 4338-66

ACC NR: AP5028671

SOURCE CODE: GE/0006/65/000/001/0023/0029

AUTHOR: Banik, A. (Dresden)

ORG: VEB Radio Works, Dresden (VEB Funkwerk)

TITLE: Unified treatment of the various output amplifier circuits

SOURCE: Nachrichtentechnik, no. 1, 1965, 23-29

TOPIC TAGS: transistorized amplifier, power amplifier, electronic circuit

ABSTRACT: The article presents a review of transistorized power amplifiers in terms of a unified approach. All circuits are reduced to three basic groups: single-ended push-pull, parallel push-pull and transformerless. The performance characteristics and modes of operation (Class A, AB, B, D) match the corresponding transistor stage and the performance equations are presented individually. Orig. art. has: 1 table, 14 figures, 6 formulas. [JPRS]

SUB CODE: EC / SUBM DATE: 22Feb64 / ORIG REF: 014

BANIK, B

84-5-31/42

AUTHORS: Banik, B., Chief of Teachers' Department at Buguruslan Aviation School

TITLE: Do We Need Open Lessons? (Nuzhny li otkrytyye uroki?)

PERIODICAL: Grazhdanskaya Aviatsiya, 1957, Nr 5, pp. 16-17 (USSR)

ABSTRACT: B. Banik's review is a criticism directed at an article by A. Yakovlev in No. 12 for 1956 of Grazhdanskaya Aviatsiya. Comrade Banik criticizes comrade Yakovlev for his underestimation of "demonstration lessons," and suggests that these should be arranged in addition to, and not instead of, "open lessons."

AVAILABLE: Library of Congress

Card: 1/1

BULGARIA

BANIKOVA, S.: PAPANIZOV, A.: KOLEV, Dim.

Sofia, Farmatsiya, No. 1, Jan-Feb 1963, pp 14-15

"The Increased Proteolytic Activity of Pancreas
Preparation."

(3)

CZECHOSLOVAKIA

BANKOVA, H.; ANTAL, J.; HALABRINOVA, V.; ZORKOCY, D.; Department of Physiology, Medical College, Comenius University (Fysiologicky ústav LFUK), Bratislava.

"Effect of Muscular Effort on Renal Function in Dogs."

Prague, Ceskoslovenska Fysiologie, Vol 14, No 5, Oct 1965; p 338.

Abstract: A decrease of renal function during 30 minutes running by 8 dogs in 25 experiments was found in all of the 7 parameters measured, including 53% decrease in diuresis. This was found to be due to reduced glomerular filtration rate. Changes reverted to normal within 30 minutes after exercise. 4 Western references. Paper presented at the 15th Physiology Days, Olomouc, 27 May 65.

1/1

SAZONOVA, M.V.; BANIKOVSKAYA, I.B.

Protection of titanium carbide from oxidation in the air at
1200 . Zhur. prikl. khim. 37 no. 4:773-777 Ap '64. (MIRA 17:5)

1. Institut khimii silikatov imeni I.V.Grebenshchikova AN SSSR.

BANILOV, S. N.

S. N. Banirov, M. A. Sokolovskiy, A. I. Yevdikimova

"Plasticization of Viscose Films (Cellophane) with Aqueous Glycerol Solutions",
Journal of General Chemistry, 17, 79, 507-516, 1947, State Institute for Applied
Chemistry.

ABSTRACT AVAILABLE

D-50054

BANIN, A.A.

Musical-acoustical Wednesdays. Akust. zhur. 11 no.1:132 '65.
(MIRA 18:4)

BANIN, A.A. (Moskva)

"Musical - acoustic media." Vop. psikhol. 11 no.2:187-189

Mr-Apr '65.

(MIRA 18:6)

BANIN, A.M.

Priblizhennoye konformnoye otobrazheniye v primenenii k zadache obtekaniya proizvol'nogo kontura ploskoparallel'nym potokom. Prikl. Matem. i mekh., 7 (1943), 131-140.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevskiy, P.K.
Moscow-Leningrad, 1948

14(9)

AUTHOR:

Banin, A.P., Engineer

SOV/95-59-4-9/12

TITLE:

Accident Prevention at Hydraulic Tests of Underwater Pipelines (Tekhnika bezopasnosti pri gidravlicheskom ispytanii truboprovodov dlya podvodnykh perekhodov)

PERIODICAL:

Stroitel'stvo truboprovodov, 1959, Nr 4, pp 26-28 (USSR)

ABSTRACT:

Actual practice in conducting combined pneumatic-hydraulic tests on pipelines differs somewhat from the existing rules as laid down in the official instructions pertaining to construction and testing of pipelines. - For practical purposes water can be considered incompressible; in order to change the initial density of water by as little as 1%, a pressure of 210 atm is required under constant temperature. The greatest risk in hydraulic testing of water-filled pipelines or reservoirs are "air pockets", which remain inside and thereby constitute a potential force capable, in the event of burst due to some defect, to produce a hydraulic jet that can kill a person at a distance of 8-10 m. The article points out some measures to be taken to avoid the possibility of air pocket formation. A formula

Card 1/3

Accident Prevention at Hydraulic Tests of Underwater Pipelines

SOV/95-59-4-9/12

in the article which permits to determine the volume of water required in order to test a pipeline of a certain diameter and a certain length at 75 atm. pressure. The article proceeds to describe how the actual testing is being done and what measures of accident prevention are necessary, especially in observing strictly the surrounding danger zone which is 25 m. However, the rule book is inconsistent, in as much as it prescribes to take certain readings of manometers which are placed on the pipeline, which can only be done from a point at close range. If these rules are to be complied with, it is necessary to install a second manometer at the required distance, which would duplicate the readings of the original manometer. During the test outside temperature should be carefully watched, especially in the case of sun rays hitting the pipeline, expansion of the water due to heating causing additional pressure. Table 2 shows the increase of water volume in relation to rising temperature. Pipes for under-

Card 2/3

SOV/95-59-4-9/12

Accident Prevention at hydraulic Tests of Underwater Pipelines

water pipelines are tested at 75-85 atm, while plant tests
only provide for 70.3 atm.
There are 2 tables.

Card 3/3

RANIN, A.P., inzh.

Principles of safety engineering in conducting operations in areas
covered with ice. Stroi. truboprov. 5 no.3:16-19 Mr '60.
(Ice on rivers, lakes, etc.) (MIRA 13:9)
(Pipelines-- Safety measures)

BANIN, A.P., inzh.

Crossings in the Mexican gas pipeline. Stroi. truboprov. 6
no. 11:30 N '61. (MIRA 15:4)
(Mexico--Gas, Natural--Pipelines)

BANIN, A.P., inzh.

Lay pipeline crossings on existing structures. Stroi. truboprov.
8 no.3:22-23 Mr '63. (MIRA 16:5)
(Pipelines--Design and construction)

KONTOROVICH, Z.L.; BANIN, A.P.; GOLUBNICHYI, V.A.

Depreciation standard for overall repairs of petroleum products
pipelines. Transp. i khran. nefi i nefteprod. no. 3:31-37 '64.
(MIRA 17:5)

1. Glavnoye upravleniye po transportu i snabzheniyu nefi'yu i
nefteproduktami RSFSR.

BANIN, A.P.; KONTOROVICH, Z.L.; KRYLOV, Yu.V.

Certain problems involved in the switching of petroleum pipelines.
Neft. khoz. 42 no.2:54-59 F '64.
(MIRA 17:3)

BANIN, A.P.

Consider the service life of pipelines in the economic
evaluation of the laying method. Stroi. truboprov. 10 no.11:
28-29 N '65. (MIRA. 18:12)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-
stroitel'nyy institut imeni V.V. Kuybysheva.

AN0019480

AUTHOR: Banin, V. G.

SOURCE CODE: UR/0269/66/000/002/0058/0058

TITLE: Development of chromospheric flares during the explosive phase studied on the flare of September 26, 1963

SOURCE: Ref. zh. Astronomiya, Abs. 2.51.454

REF SOURCE: Izv. Krymsk. astrofiz. observ., v. 33, 1965, 118-37

TOPIC TAGS: solar flare, solar chromosphere, spectrographic analysis

ABSTRACT: The development of a flare was studied from spectrograms taken with the BST telescope at the Crimean Astrophysical Observatory using a spectrograph with an echelle grating. The entire spectrum was obtained in the $\lambda\lambda$ 3600-6600 range with an average dispersion of ~ 0.8 A/mm during a single exposure. It was shown that the asymmetry (red limb was stronger than the blue) observed in this flare was caused by the superposition on the long-wave limb of an additional emission caused by the flowing of substances into the flare. The interpretation of asymmetry offered by M. C. Ballaric and M. Ellison was critically reviewed. The study of the luminescence of metals in the flare showed that the brightness of the lines having an excitation potential in the upper level of ~ 5.5 eV increased the most rapidly whereas the brightness of the lines having a potential of ~ 3.3 eV increased somewhat slower. The increase in brightness of

Card 1/2

UDC: 523.75

ACC NR: AR6019480

the other lines was noticeably smaller than these two groups of lines. The lines strengthened in the chromosphere in general increased their intensities more rapidly than nonstrengthened lines. The "flaring up" of the lines was also related to the process of propagation of flares by the altitude. N. Stepanyan. Bibliography of 25 titles.
/Translation of abstract/

SUB CODE: 03

Card 2/2

BANIN, T.A., inzh.; KLASS, V.I., inzh.

Device for preventing the slipping off of the cable. Bezop. truda
v prom. 5 no.8:33 Ag '61. (MIRA 14:8)

(Excavating machinery)

SOV/35-59-10-7666

Translation from: Referativnyy zhurnal. *Astronomiya i Geodeziya*, 1959, Nr 10, pp 3-4
(USSR)

AUTHOR: Banin, V.G.

TITLE: The Ussuriysk Astronomical Station

PERIODICAL: *Solnechnyye dannyye*, 1958 (1959), Nr 8, pp 78-80

ABSTRACT: In March 1954, the Ussuriysk Astronomical Station (43° 41' Northern latitude, 132° 10' Eastern longitude; h = 270 m) situated by the Da-Dyan'-Shan' ridge near Ussuriysk started operating. Since March 1954, regular observations of the photosphere have been carried out with the aid of a photo-heliograph designed by Dobychin in order to determine Wolf numbers, positions and areas of the groups of ^Vsun spots and faculas. In January 1958, observations were started of the chromosphere, by the H_α line, using a chromosphere-photosphere telescope with an interference-polarization filter. The main purpose of the observations was the control of flares. The assembly of a radio telescope for recording solar radiation on the 1.5 m wavelength is being carried out.

Card 1/1

R.A. Gulyayev ✓

30265

S/O35/61/000/010/014/034
A001/A101

3,1540 (1137,1559)

AUTHOR: Banin, V.G.

TITLE: On height distribution of solar flares

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 10, 1961, 56, abstract 10A405 ("Solnechnyye dannyye", 1960, no. 6, 62 - 63)

TEXT: In studying the height distribution of flares the author made use of the integral equation

$$\varphi(H) = N (2/R)^{1/2} \int_H^{\infty} \frac{f(h)}{(h-H)^{1/2}} dh,$$

which was derived by Jovanelli and MacKabe. This equation makes it possible to consider in the analysis all flares protruding above the disk, independent of the position of their base, beyond or before the edge of the disk. The symbols in the equations are as follows: $\varphi(H)$ is the function of distribution of radial distances H from the disk edge to the top of the flare observed; $f(h)$ the function sought for of distribution of actual heights h ; R is radius of the Sun; N is number of flares per one radian of longitude. The author analyzes 87 flares

Card 1/2

On height distribution of solar flares

30265

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A001/A101

on the disk recorded on the patrol films of the chromosphere taken with the H α filter at the Ussuriyskaya astronomical station in 1958 - 1959. The obtained values of actual flare heights are confined within the range from 0 to 35×10^3 km. The average height is 15.6×10^3 km. 4

E. Gurtovenko

[Abstracter's note: Complete translation]

Card 2/2

2394

S/O35/61/000/006/028/044
A001/A101

3,1540

AUTHOR: Banin, V.G.

TITLE: Some results of studying chromospheric flares at the limb

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 6, 1961, 52, abstract 6A422 ("Solnechnyye dannyye", 1960 (1961), no. 8, 80-84)

TEXT: The results of studying development of flares in vertical plane are reported. Observations of about 50 chromospheric flares situated at the disk edge are used. Development of 9 flares and data on them are presented. The following conclusions were arrived at: 1) About 25% flares observed at the limb are characterized by noticeable motions analogous in main features to motions in "electromagnetic" prominences arising in vicinities of sunspots; this agrees well with conclusions of A.B. Severnyy and Ye.P. Shaposhnikov on the character of motions in flares of type I and their number. 2) The shape, general development features, and to some extent heights of flares with motion are similar to analogous properties and characteristics of electromagnetic prominences occurring near sunspots. 3) In a number of cases flares may almost continuously and completely degenerate into prominences; they lose brightness while expanding in contrast to parallel

Card 1/2

Some results ...

23944

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A001/A101

changes in brightness and area usually observed in the flares. 4) Origination of some flares is apparently closely associated with some processes in prominences, and flares themselves can embrace a part or an entire prominence. Such flares do not reveal noticeable motions, and thereby they differ from prominence knots which are characterized by brightness rise and sudden high accelerations. There are 8 references.

V. Yesipov

[Abstracter's note: Complete translation]

Card 2/2

BANIN, V.G.

Observing the development of a flare in the solar corona. Astron.
tsir. no.219:18-20 Mr '61. (MIRA 14:10)

1. Astronomicheskaya stantsiya Dal'nevostochnogo filiala Sibirskogo
otdeleniya AN SSSR.

(Sun—Corona)

47312-65 EWT/11 GW

ACC NRI AR60284.0

SOURCE CODE: UR/0269/66/000/005/0052/0052

AUTHOR: Banin, V. G.

ORG: none

TITLE: Physical conditions in strong chromospheric flares

SOURCE: Ref. zh. Astronomiya, Abs. 5. 51. 409

REF SOURCE: Izv. Krymsk. astrofiz. observ., v. 34, 1965, 252-271

TOPIC TAGS: solar flare, chromosphere, chromospheric flare, emission expansion, Doppler emission, Stark emission, expansion law

ABSTRACT: A study is made of the problem of establishing mechanism for the expansion of emissions in chromospheric flares according to profile shapes, when the emission is a mixture of emissions expanded in various ways. By addition of the Doppler emission and Stark emission, or using only Doppler emissions with various $\Delta\lambda_D$, the total profiles can satisfy the assumption that line expansions are due to motions with non-Maxwellian distribution of velocities. The

23
3

Card 1/2

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ACC NR: AR6028403

addition of the Doppler to the non-Maxwellian ($e^{-a\lambda}$) emissions leads to the derivation of the expansion law $e^{-b\lambda}$ when $b \neq a$. A number of physical parameters were determined for a typical strong solar flare on the disk: in the "hydrogen" region, $n_e = 3 \cdot 10^{13} \text{ cm}^{-3}$ and N_2 is included in the limits $10^{15} - 2 \cdot 10^{16} \text{ cm}^{-2}$, in the brightness region of neutral helium $T = 17,000\text{K}$ and $v_t = 5 \text{ km/sec}$. Orig. art. has: 41 reference items. [Translation of abstract] [FM]

SUB CODE: 03/

Card 2/2