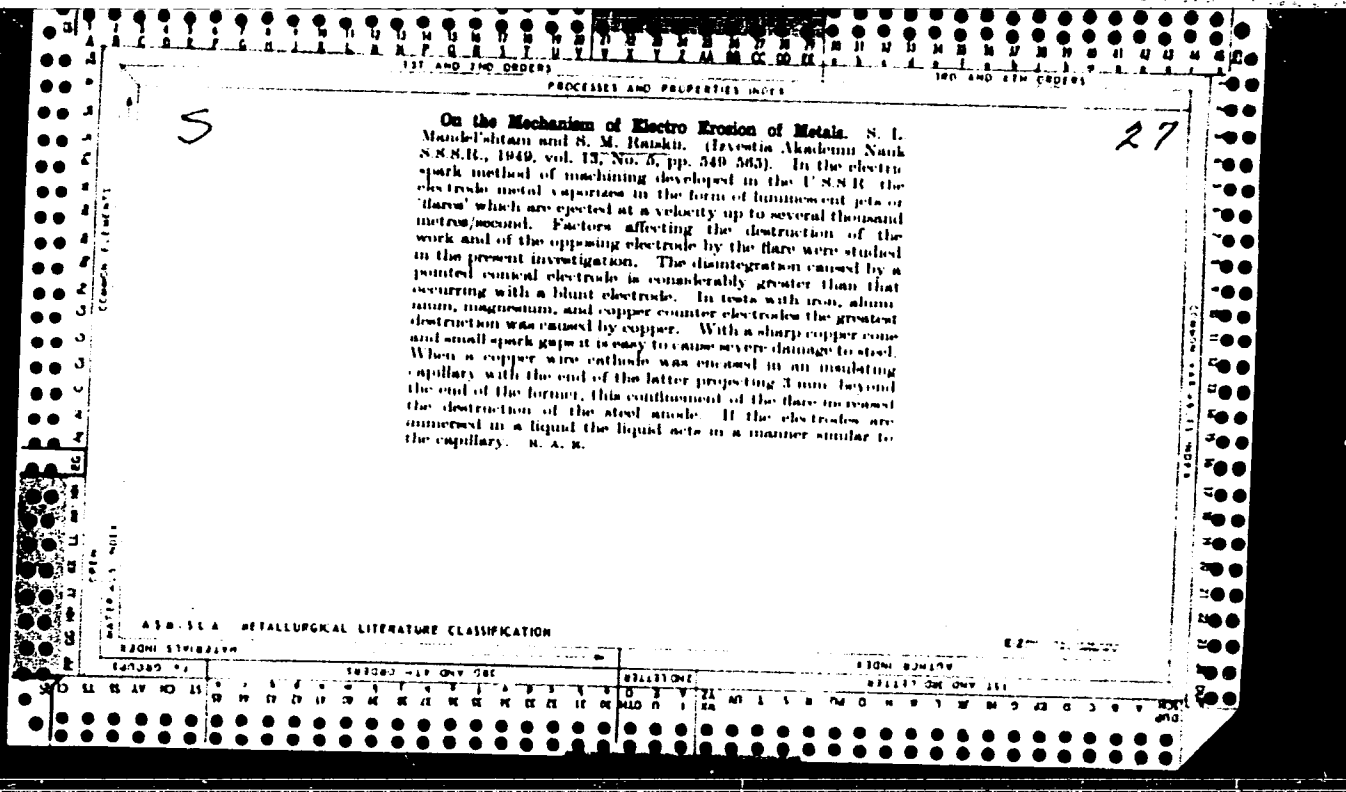
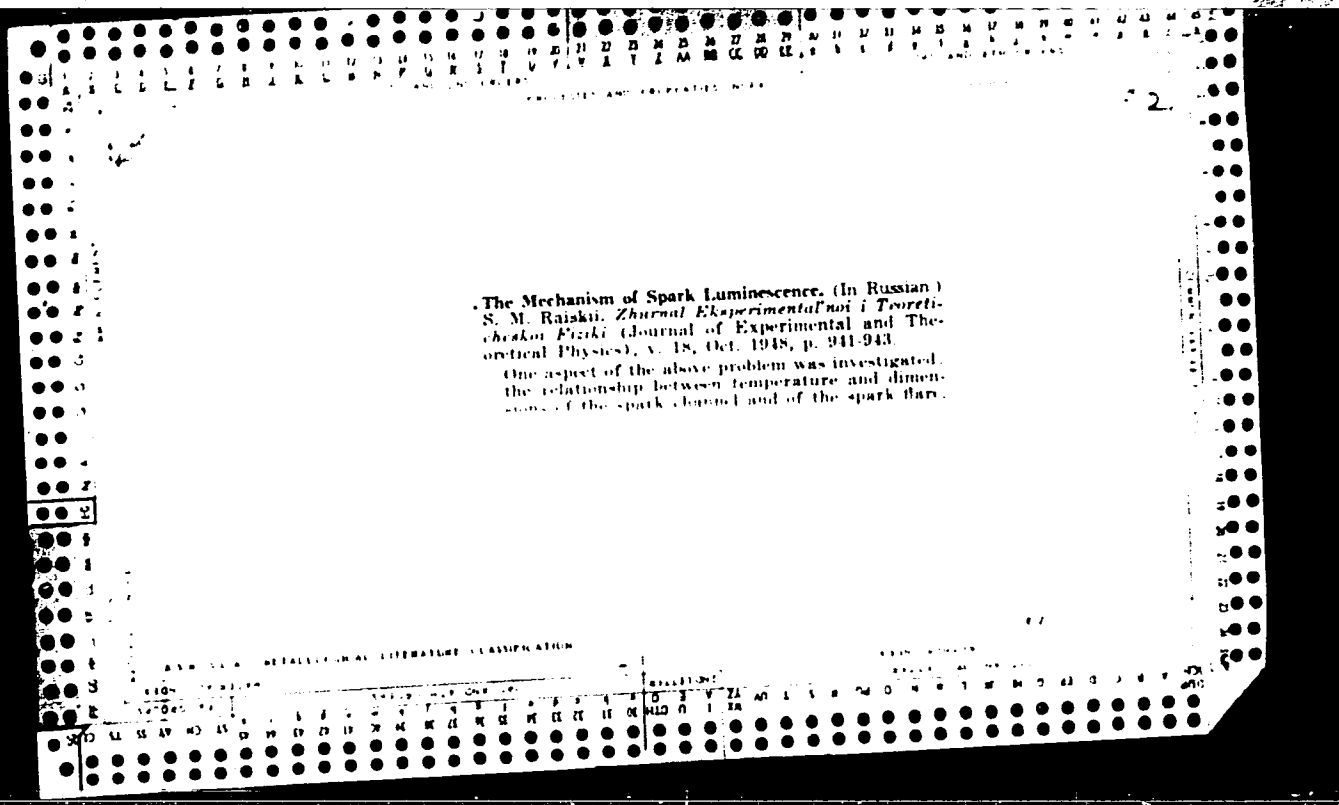
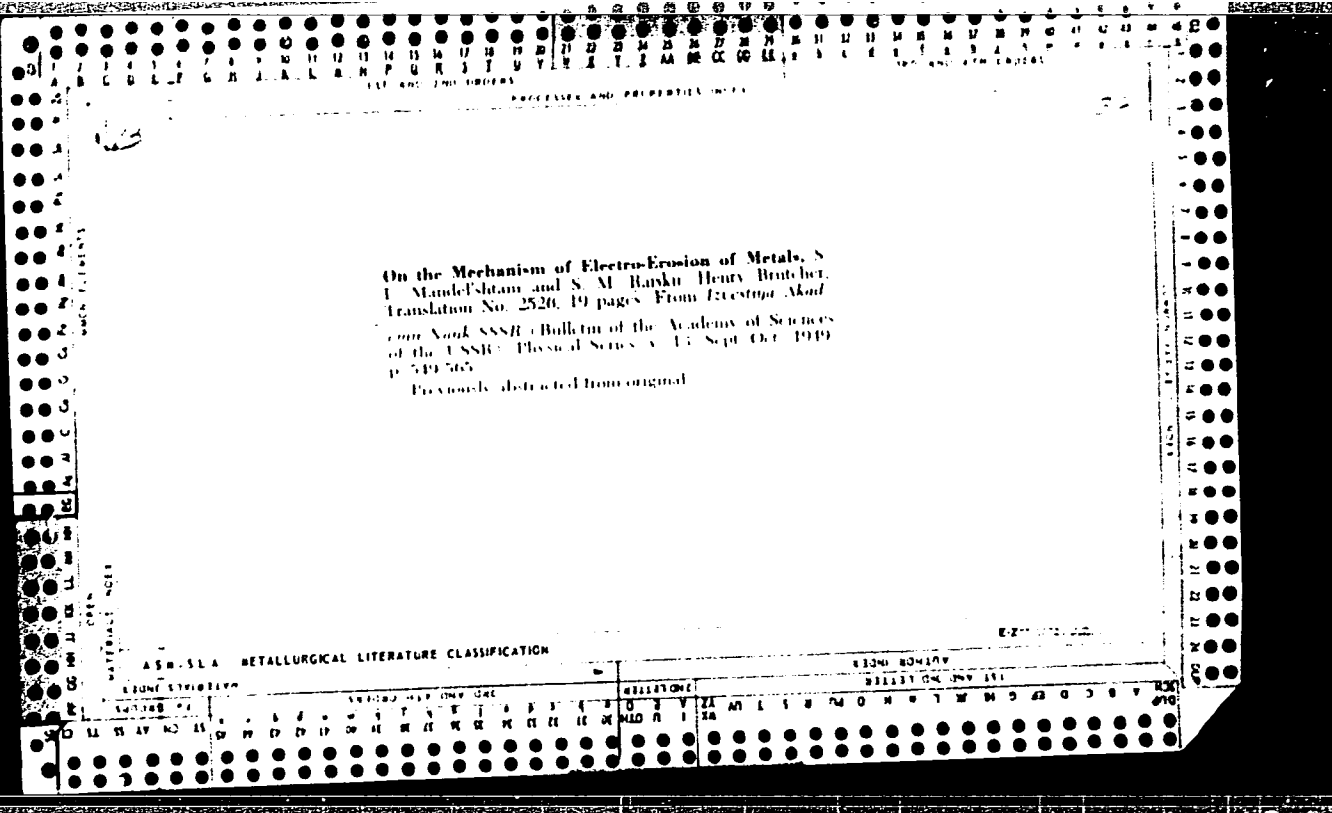


Displacement of the maximum of the mercury resonance line, 2536.7 Å. S. Ralski. *Physik. Z. Supplement* 12, 344-8 (1937) in German. The intensity distribution in the Hg line 2536.7 Å. shows that the displacement of the max. in an overheated Hg arc cannot exceed 0.1 Å. at a Hg vapor pressure of 7.2 atmos. G. M. Murphy







PROCESSING AND PROPERTY INDEX

32

Mechanism of "Electrical Erosion" of Metals. (In Russian) S. L. Mandel'shtam and S. M. Raiskin. *Izvestiya Akademii Nauk SSSR (Bulletin of the Academy of Sciences of the USSR), Physical Series*, v. 11, Sept-Oct 1949, p. 549-565.

Extensive experimental investigation of the above confirmed the hypothesis that the above is a secondary process caused by the disintegrating action of the electric arc on the opposite electrode. Influence of electric arc on the opposite electrode, influence of distance between electrodes and sign of electrode and of shape and material of electrode on erosion, insulation of electrodes, and role of enlargement of electrodes were determined. Numerous photographs. 12 ref.

METALLURGICAL LITERATURE CLASSIFICATION

A U T H O R I T A T I V E I N D E X

PROCESSES AND PROPERTIES METALS

20

2

94-P. Mechanism of "Electrical Erosion" of Metals. (In Russian) S. L. Mandel'shtam and S. M. Raikii. *Izvestiya Akademii Nauk SSSR* (Bulletin of the Academy of Sciences of the USSR), Physical Series, v. 13, Sept.-Oct. 1949, p. 549-565

Experimental investigation confirmed the hypothesis that electrical erosion is a secondary process caused by the disintegrating action of the electric arc on the opposite electrode. Influence of distance between electrodes and of shape and material of

electrode on erosion; insulation of electrodes; role of enlargement of electrodes. 12 ref. (P15)

METALLURGICAL LITERATURE CLASSIFICATION

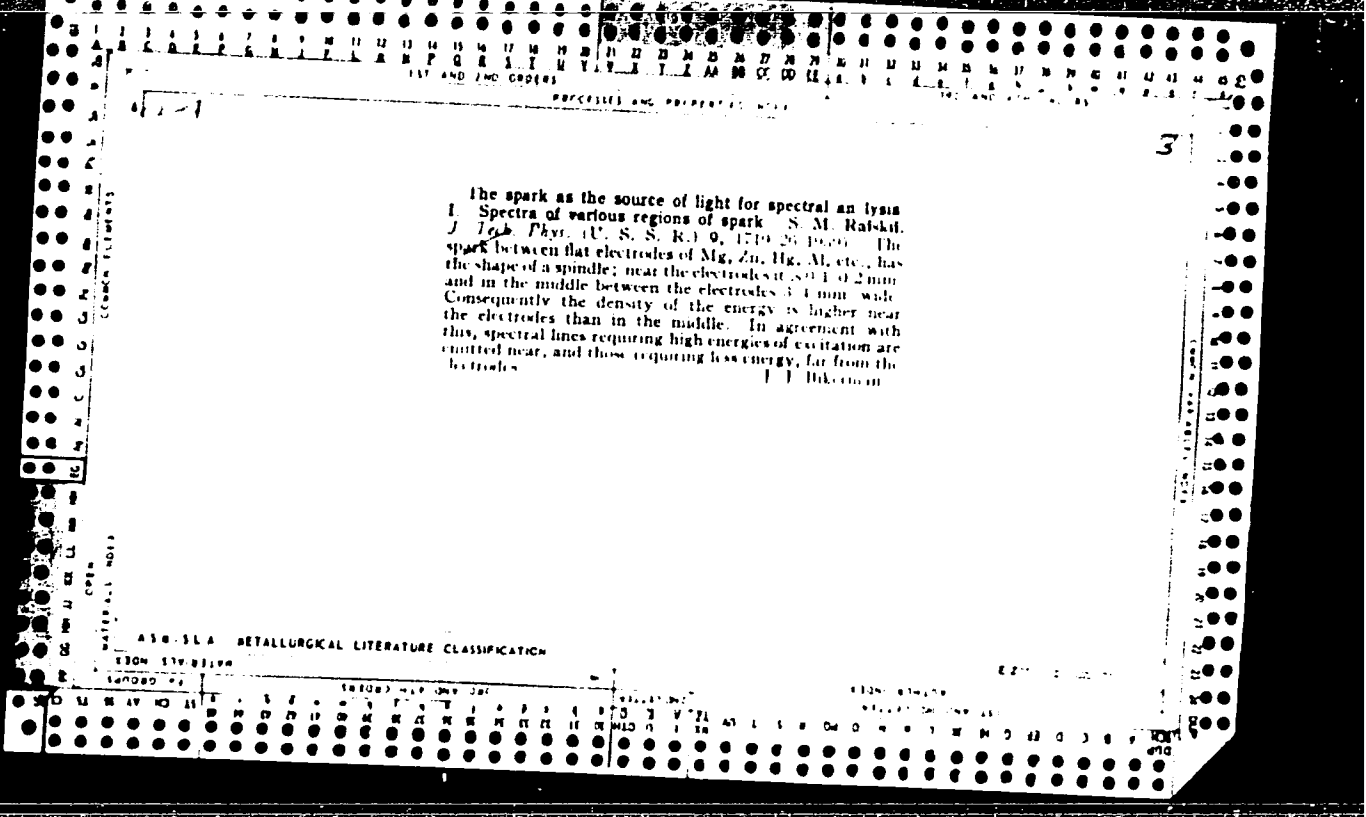
ASH-SLA

OPEN

MATERIALS INDEX

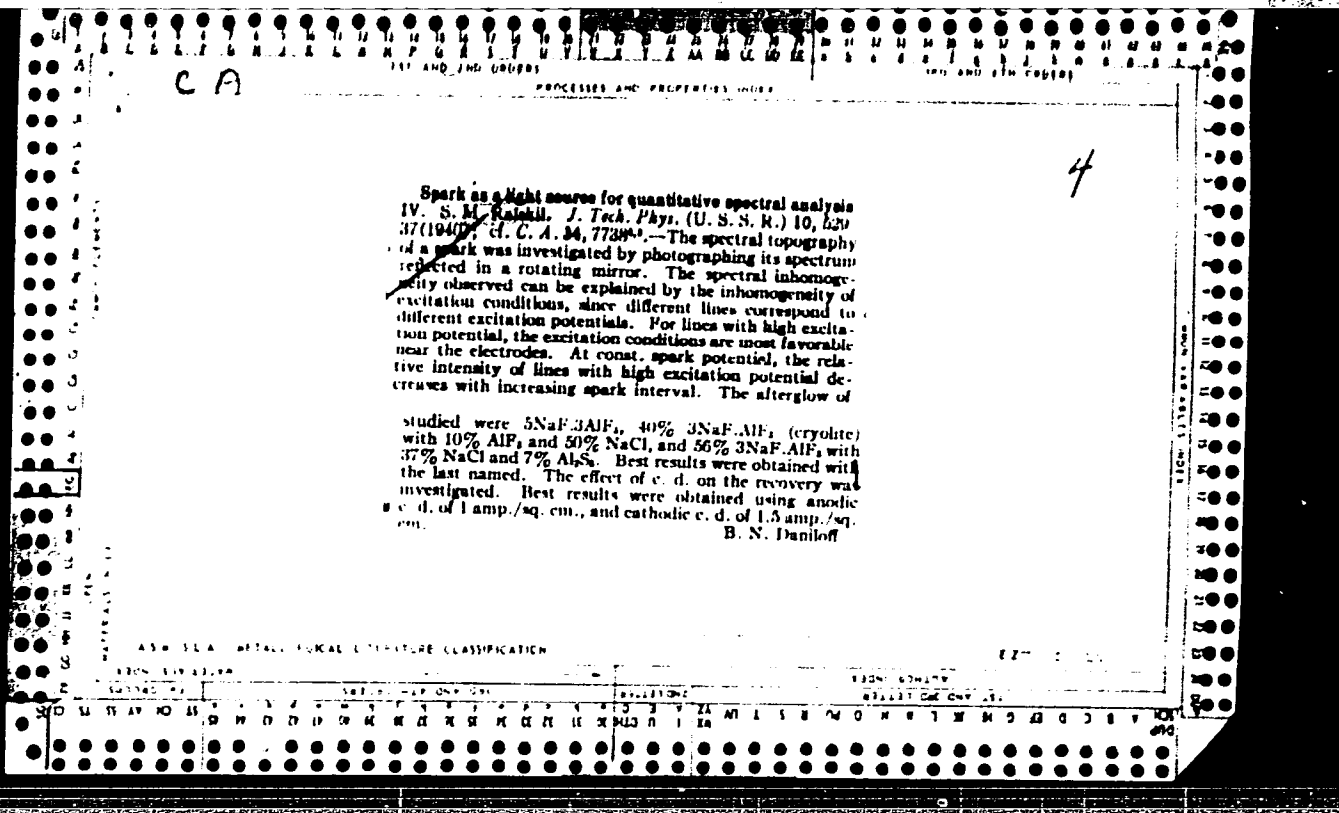
ALPHABETIC INDEX

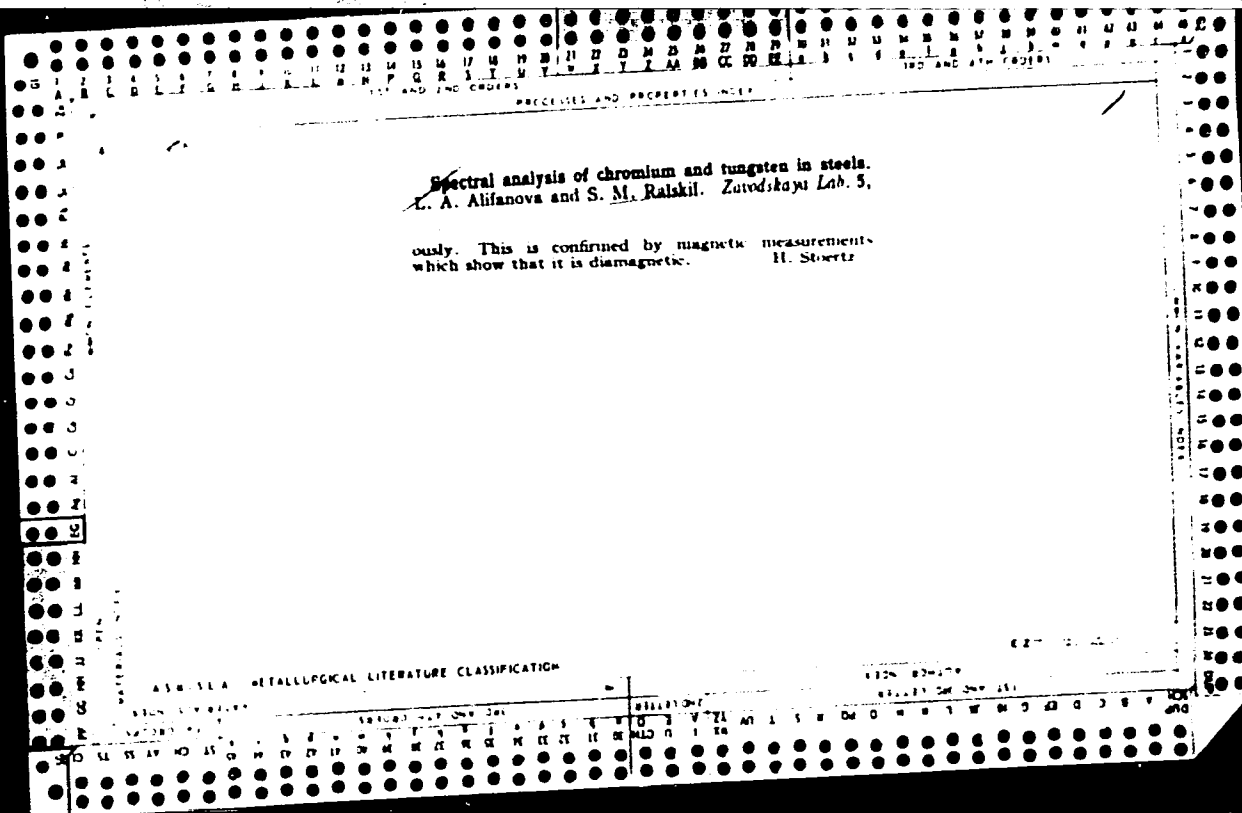
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11
Spark as a source of light for spectral analysis. II.
S. M. Raikid. *J. Tech. Phys.* (U. S. S. R.) 10, 431-8
(1910). The study of the spark spectra at different
regimes of the oscillation contour shows that a large
damping is not suitable for spectral analysis, because it
causes a decrease of the integral intensity of spectral lines.
The intensity of lines with the high excitation and
ionization potentials increases with the increasing original
amplitude of the current and decreasing oscillation period.
The last effect is due to the decreasing energy losses in
the spark. III. *Ibid.* 1906. The study of the in-
fluence of the nature of gases in the spark interval, on
the regime of the oscillating contour and the spark spec-
trum shows that it causes the changes of the potential
on the electrodes and the intensity of lines. The presence
of gases which increase the dielec. stability of the atm.

3
for instance CCl_4 and SnCl_4 also increases the potential
and the intensity of lines, whereas other gases (as Ar)
cause the opposite effect. It is easy to establish that the
influence of the atm. in the spark interval affects primarily
only the spark potential, the change of line intensity
being the result of the changing potential. During
the changing period of the condensa. the spark interval
is comparatively free from the spark products and is
being filled up again by gas from the surrounding atm.
The rise of temp. in the spark interval causes the decrease
of the breakdown potential and the intensity of spectral
lines.
Roksalina Gamow





SA

A 53

1

535.8

1784. A method of producing short impulses of light. S. M. Reiskii and E. Ya. Pumber. J. Tech. Phys., USSR, 20 (No. 7) 822-4 (1950) In Russian.

A simple linear-motion slotted shutter producing periodic groups of light impulses is described. The duration of the individual impulse may be as short as 10^{-7} sec, and the interval between two consecutive impulses of the same order. The impulses were recorded by a c.r.o. controlled by a photocell.

B. F. Kraus

438 33 A METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1st AND 2ND INDEX

PROCESSES AND PROPERTIES INDEX

3rd AND 4TH INDEX

535.8

8482. On a way of realizing the shadow method.
S. M. RAJMI. *J. Exp. Theor. Phys., USSR*, 20, 378-80 (April, 1950) In Russian.

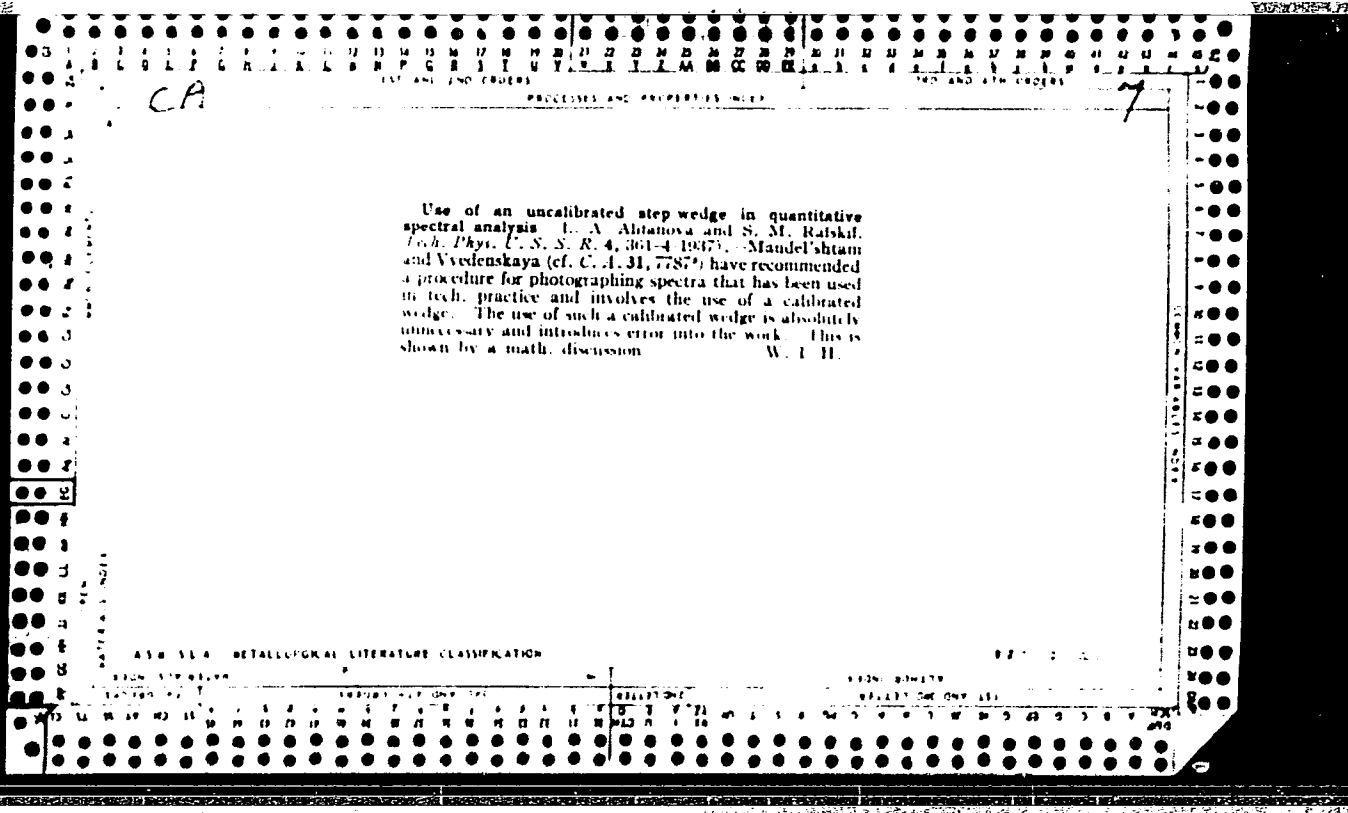
A simple modification of the shadow method of investigating optical systems is described in which the diaphragm, covering the image of the source, takes a form allowing for the distortions due to the errors of the optical system. The method also allows the distortions due to the auxiliary vessels placed in the pencil of rays to be compensated. In the illuminating system the usual slit is replaced by a grating, consisting of a great number of slits, in the interest of increasing the optical power. Results of tests by the new method are shown. B. F. ARAL'S

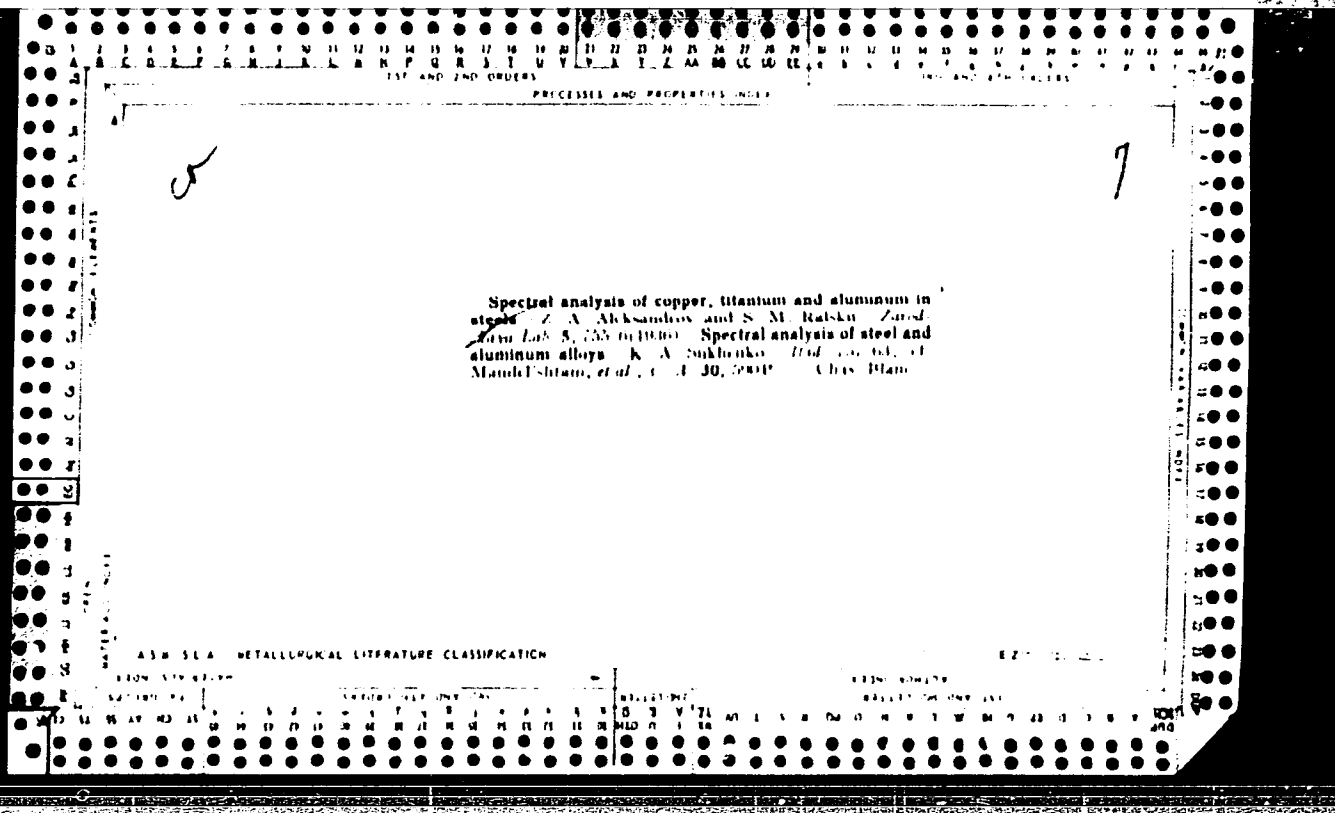
ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50





Mechanism of electrical erosion of a metal. S. I. Mandel'shtam and S. M. Ralski (Acad. Sci. U.S.S.R.) *Izvest. Akad. Nauk S.S.S.R., Ser. Fiz.* 13, 549-63 (1949). Erosion of electrodes, especially in a condensed spark discharge, is considered to be a secondary process and attributed to the mech. action of metal vapor jets ("torches") formed by the discharge of high c.d. mostly from the cathode and eroding the anode. At low c.d. the process is reversed. Tests were made with a spark discharge between steel roller bearings in air. The spark energy was independent of the size of the gap. At small gaps the erosion was high and the anode was more eroded; at bigger gaps the erosion was less and stronger on the cathode. A conical cathode with a sharp point caused a higher destruction of the anode than a round cathode. Electrodes of Fe, Al, Mg, Cu were investigated; Cu caused the highest destruction on the opposite electrode. A quartz plate introduced so as to shield the "torches," without disturbing the discharge prevents erosion completely. To prevent the spreading of the "torches" one or both electrodes were enclosed in capillaries and the jets directed on a steel plate causing high erosion. In these conditions at high c.d. the jets were unstable but became stable upon introduction of a self-induction coil. Stable jets do not cause erosion, a critical min. speed of at least 2 km./sec. being required. Immersion in a liquid increases erosion probably because of a channeling of the "torches."
S. Pakswel

RAISKINA, N. E.

"Interracial Metabolism." (p. 173-201) by N. E. Raiskina

SO: Progress of Contemporary Biology (Uspekhi Sovremennoi Biologii)
1952, Vol. XXXIII, No. 2

1. 01/10/1964

The labor productivity research on Workers' abilities. Podn
org 18 no. 10.454-457 0 164.

1. Research Institute of Industrial Hygiene and Occupational
Diseases, Bratislava.

RAISNER, H.

~~2-Methoxy-3,5-epoxy-8-hydroxy-cis-1,2,3,4,5,8,9,10-octahydro-naphthalene-1-carboxylic acid lactone~~ / M. Prodiva and M. Raisner. Czech. 94,237, Feb. 16, 1960. 2,3-Dibromo-5,8-dihydroxy-cis-1,4,5,8,9,10-hexahydronaphthalene-1-carboxylic acid 1,8-lactone was dissolved in MeONa, prepd. from 20 mg. Na and 3 ml. abs. MeOH, left overnight at room temp., acidified with 20% HCl, evapd. to dryness and extd. with CHCl₃. The soln. filtered, evapd. and the residue mixed with MeOH and Et₂O gave 2-methoxy-3,5-epoxy-8-hydroxy-cis-1,2,3,4,5,8,9,10-octahydronaphthalene-1-carboxylic acid lactone (I), m. 101-3°. I was an intermediate in the synthesis of reserpine.

3
 1-JAN (NB)
 1-JAN (MAY)

SHAPIRO, I.L., inzh. (Khar'kov); GROSSMAN, Ye.M., inzh. (Khar'kov):

APPROVED FOR RELEASE: 03/20/2001; TITUL: SHAPIRO, I.L., inzh. (Khar'kov); GROSSMAN, Ye.M., inzh. (Khar'kov);
CIA-RDP86-00513R001344020011-5"

Numerical programmed control system for a large lathe.
Electrichestvo no.2:9-12 F '60. (MIRA 13:5)
(Lathes--Numerical control)

RAISOV, O.A.

Speed governor for centrifugal pumps. *Biul.tekh.-ekon.inform.*

Gos.nauch.-issl.inst.nauch.i tekhn.inform. no.1:41-43 '63.

(MIRA 16:2)

(Centrifugal pumps) (Electronic control)

0/193/63/000/001/008/008
A004/A101

AUTHOR: Raisov, G. A.

TITLE: Speed governor for centrifugal pumps

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 1, 1963, 41 - 43

TEXT: This speed regulator is intended for controlling the speed of centrifugal pumps by means of an asynchronous sliding coupling. Such type of control is applicable for regulating the fluid consumption in the case of throttle governors not operating reliably. This speed governor permits an increase in the pump service life. The governor is transistorized; For varying the speed of the coupling output shaft, a pickup is used consisting of a slotted disk, type ФД -1 (FD-1) photodiode and illuminator (CM -30 [SM-30] lamp). The photodiode is connected to the basic circuit of the emitter repeater. The measuring range can be changed if another number of disk slots is used or by modifying the kipp oscillator parameters. The reading stability of the measuring circuit depends on the constancy of the duration and amplitude of pulses generated by the kipp oscillator. It has been established experimentally that, even without compensation, the temperature error

Card 1/2

S/193/63/000/001/008/008
A004/A101

Speed governor for centrifugal pumps

in the range of 293 to 323°K does not exceed 0.3% for 10°. The author describes some of the design and operation features of the speed governor, whose sliding coupling has been developed by the Zaporozh'ye Branch of the Institute of Automation, and points out that functional tests carried out in bauxite feed control at the Dnepropetrovsk Aluminum Plant showed good results. There is 1 figure.

Card 2/2

OT 1351, P. 1; 1981, 10.4.

Podrobn. izv. o. pulso-synchroizatsii. Ser. 1, 1981, no. 2: 13-15. K. 13. 1981, 10.4.

1. Kharkovskiy politekhnicheskii institut.

ACC NR: AP6030134

(N)

SOURCE CODE: UR/0120/66/000/004/0019/0083

AUTHORS: Dorbunovich, L. V.; Raisov, Yu. A.; Svyetin, G. N.

ORG: Kharkov Polytechnic Institute (Khar'kovskiy politekhnicheskii institut)

TITLE: A multichannel system for the time distribution of a signal

SOURCE: Pribery i tekhnika eksperimenta, no. 4, 1966, 79-83

TOPIC TAGS: time signal, time interval counter, delay circuit, circuit delay line, automatic control system, lamp, chronometer, time measurement / SM 37 lamp

ABSTRACT: A 20-channel system for the time distribution of a control signal has been developed. The distribution is accomplished by delaying the signal 2--10⁴ microsec. Electromagnetic delay lines provide the delay up to 10 microsec with a minimum step of 0.1 microsec. Above 10 microsec a counter-pulse chronometer provides the delay. The combination allows 0.1 microsec steps while requiring a reference frequency oscillator for the counting pulses of only 100 kc. Three decades of the circuits are used for counting the reference pulses; three other counting decades and a pair of switches are used for checking the operation of the master decade and any of the 20 channels. The counting and logic part of the system contains a static ferrotransistor trigger and a coincidence gate which use transformers with cores having a rectangular "quasipermanently" magnetized hysteresis loop. The transistorized driven blocking oscillators at the output are triggered through a similar

Card 1/2

UDC: 621.374

ACC NR: AP6030134

transformer which permits easy matching. The counting decades use a 2-modulus counter and a 5-modulus ring counter with the counter state displayed on a panel by SX-37 incandescent lamps. The limiting absolute error is 10^{-6} sec and the relative error is 10^{-4} . The construction is unitized. One counter is used for all 20 channels of the system requiring 100-watt power. The delay is easily set by 5 switches, and each channel has 2 coaxial sockets at the output. Orig. art. has: 4 figures.

SUB CODE: ^{17/}09/ SUBM DATE: 29Jul65/ ORIG REF: 005

Card 2/2

25 (2), 28 (1), 8 (5)
AUTHORS:

S/105/60/000/02/002/024
B007/B008
Shapiro, I. L., Engineer,
Grossman, Ye. M., Engineer, Raisov, Yu. A., Engineer,
Tikhvinskiy, Yu. V., Engineer (Khar'kov)

TITLE:

A Digital Programming Control System⁴ for a Heavy Lathe¹⁴

PERIODICAL:

Elektrichestvo, 1960, Nr 2, pp 9 - 12 (USSR)

ABSTRACT:

A digital programming control system which was developed for a heavy lathe is described here. It was worked out jointly by the TsKB po elektoprivodu i avtomatiki KhEMZ (Central Design Bureau for Electric Drive and Automation of the Khar'kov Electromechanical Plant) and the laboratoriya avtomatiki KhPI (Research Laboratory for Automation at the KhPI). The lathe has a height of centers of 500 mm and a length between centers of up to 4,000 mm. Work pieces of a weight of up to 10 tons and with an intricately curved surface can be machined on it. The nominal accuracy of machining amounts to up to 0.1 mm. A kinematic connection between the support and the gearbox is not provided. A digital programming control system with control step-by-step motors and an intermediate recording of the program on a magnetic tape was stipulated for this lathe. The reasons ✓

Card 1/3

A Digital Programming Control System for a Heavy
Lathe

S/105/60/000/02/002/024
B007/B008

which led to the selection of the very system are indicated. The block scheme is shown in figure 1 and the schematic wiring diagram for the electrical main drives of the lathe is shown in figure 2. When controlling the lathe according to a given program, the program is recorded on the magnetic tape. The work program for the motor for the longitudinal feed of the support is recorded on one track of the tape, that for the cross feed of the support on the second and third, and on the fourth track the work program for the main motor and the gearbox, the signal for the termination of the machining, as well as the auxiliary commands. A dismantled step-by-step motor is shown in figure 3. It weighs approximately 23 kg. The mode of operation of the system is explained. Since the machining of bulky pieces takes often many hours, a number of intermediate stations for the support are provided in the program for every tool bit at predetermined positions. Two rigidly mounted measuring heads are provided, one on the support slide and the second on the support carriage for the exact synchronizing of the support position with the program recorded on the tape. Moreover, an additional installation is available. This allows

Card 2/3

A Digital Programming Control System for a Heavy
Lathe

S/105/60/000/02/002/024
B007/B008

to put the lathe into operation in a simple way. This installation contains a special combined recording-reading magnetic head. For manual control, the switching on, stopping, reversing, and control for the speed of the step-by-step motors of the support and main motor of the lathe is done with the help of a set of devices. Their mode of action is described here briefly. The model of the installation for recording onto the magnetic tape and the model of the electric drive with programming control were investigated experimentally at the Research Laboratory. The computations and the results of the investigation showed that the application on heavy lathes of the control system described here is absolutely appropriate. A final and complete evaluation can however not be given at present. Many months of tests in industrial work are needed. The cost of the lathe shown here amounts to 120% of that of a lathe with conventional manual control. If a computing center is available, the need for recording a program on a magnetic tape is eliminated. There are 4 figures.

SUBMITTED:
Card 3/3

July 20, 1959

RAISP, Ivo
SURNAME (in caps); Given Names

(1)

Country: Yugoslavia

Academic Degrees: Dr. Med.

Affiliation: Director of the Internal Medicine Ward of the General Hospital
(Predstojnik Internog oddelka Splosne bolnisnice), Slovenj Gradec

Source: Ljubljana, Zdravstveni vestnik, No 3-4, 1961, pp 80-85.

Data: "The Care of Old People in General Hospitals."

17

ZAVERŠNIK, H.; RAISP, I.

Cerebral hemorrhage in bacterial endocarditis. Zbirav.vešt., Ljubljana 24 no.3:102-104 1955.

1. Interni oddelek splosne bolnisnice v Celju - sef primarij Dr. J. Flajs.

(ENDOCARDITIS, SUBACUTE BACTERIAL, complications, cerebral hemorrh. after spinal puncture)

(CEREBRAL HEMORRHAGE, etiology and pathogenesis, spinal puncture in endocarditis, subacute bact.)

(SPINAL PUNCTURE, complications, cerebral hemorrh. in subacute bact. endocarditis)

RAISP, Ivo, dr.

Cardiovascular reactions in bradycardia. Voj. san.pregl., Beogr.
12 no.1-2:51-53 Jan-Feb 55.

1. Trupna ambulanta - Kranj.
(CARDIOVASCULAR SYSTEM, funct. tests
in bradycardia)
(BRADYCARDIA, physiol.
cardiovasc. funct. tests)

RAISP, Ivo

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020011-5"

Country: Yugoslavia

Academic Degree: MD

Affiliation: Internal Section of the General Hospital (Interni Oddelek
Bolnisnice), Slovenj Gradec; Director (Predstojnik) Ivo Raisp MD

Source: Ljubljana, Zdravstveni Vestnik, Vol XXX, No 1-2, 1961, pp 19-21

Topic: "Chlorpropamide - the New Oral Antidiabetic Drug."

RAISP, Ivo; JURKO, Cveta

Health education for diabetics. Zdrav. vestn. 33 no.3:60-62 '64
Zdrav. vestn. 33 no.3:60-62 '64

1. Interni oddelek splosne bolnisnice Slovenj Gradec (Predstoj-
nik: dr. med. dr. I. Raisp).

RAISP, Ivo

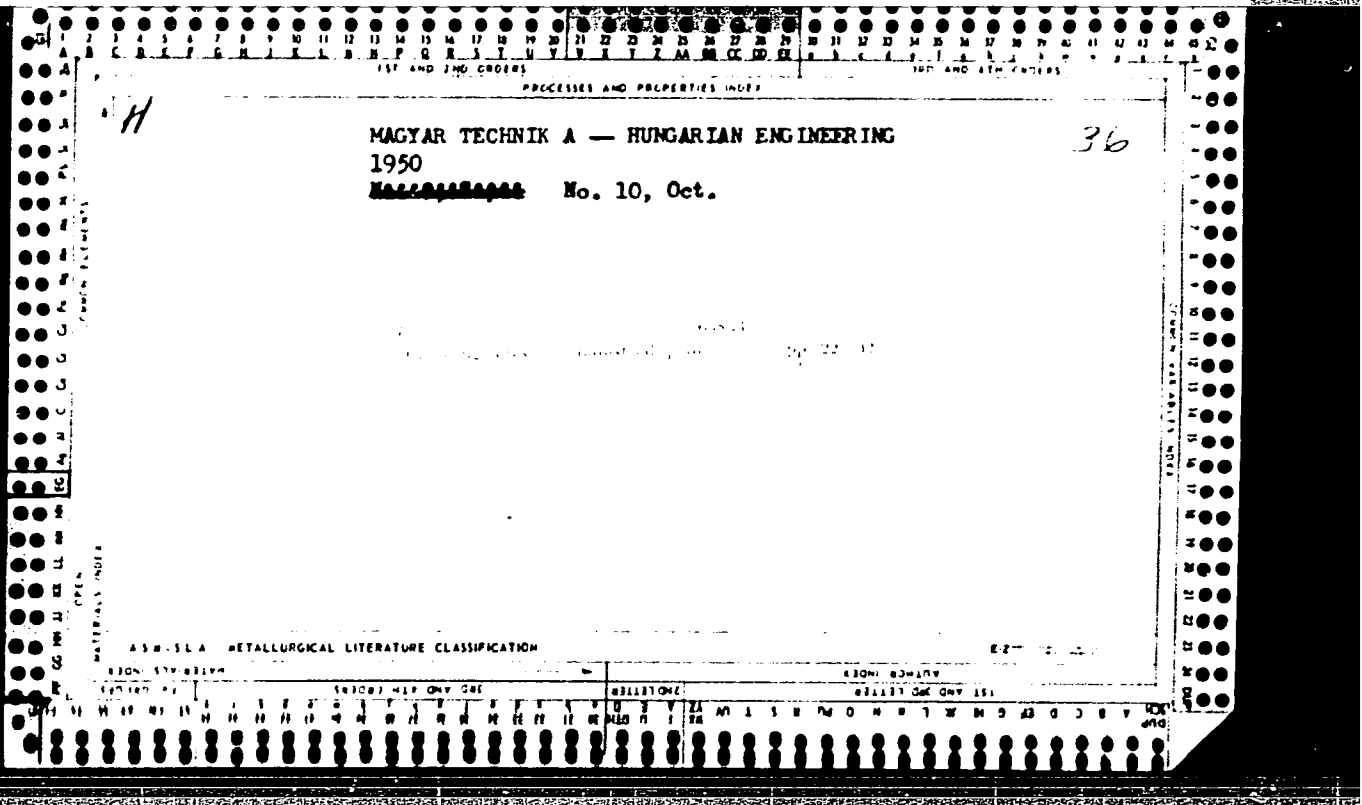
Nutritional system for diabetics in Slovenia. Zdrav. vestn. 33
no.3:65-67 '64

1. Interna Klinika splosne bolnisnice Slovenj Gradec (Predstoj-
nik: dr. med. dr. I. Raisp).

RAISP, Ivo

A case of chorioepithelioma in a male. Zdrav. vestn. 33 no.6:172-173 '64

1. Interni oddelek splosne bolnisnice Slovenj Gradec (Predstojnik: dr. med. dr. Ivo Raisp).



FINAYEV, I. P. and RAIT, K. Ya. (Veterinary Coctors, Fergana Oblast' Veterinary Bacteriological Laboratory).

"Balantidial dysentery in swine..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 33

1. RAIT, M. V.
2. USSR (600)
4. Somaliland, Italian - History
7. Ex-Italian Somaliland [in English]. E. Sylvia Pankhurst. Reviewed by M. V. Rait. Sov. etn. No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

RAIT, M.

History - Africa

"APPROVED FOR RELEASE: 03/20/2001"
P. Morette. Reviewed by M. Rait. Sov. etn.
No. 3, 1952.

CIA-RDP86-00513R001344020011-5"

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

RAITA, R., prof. (Tg. Jiu)

"Through the night and the ice" by Fridtjof Nansen.
Reviewed by R. Raita. Natura Geografie 15 no.1:82
Ja-F '63.

MITRANI, L., dots; RAITCHEV, P.

Are there scales for particles? Pt.2. Nauka i tekhn mladezh
15 no.6: 5-7 Je'63.

~~APPROVED FOR RELEASE~~ MITRANI, L., dots; RAITCHEV, P.
APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020011-5

Contribution to the problem of the carcinogenic property of
tobacco. Dokl. Bolg. akad. nauk 16 no.3:329-332 '63.

1. Note presentee par D. Orahovats.
(LUNG NEOPLASMS) (SMOKING)
(NEOPLASMS, EXPERIMENTAL)

Cytology

BULGARIA

RAITCHEVA, E., EISENSTADT, T. V., Institute of Animal Morphology, Academy of Sciences of the USSR; Biochemical Research Laboratory, Bulgarian Academy of Sciences

"Cytophotometric Studies on the Solitary Growth of Oocytes in Priapulus Caudatus"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1966, pp 1195-1198

Abstract: [English article] Cytochemical investigations were carried out on the growth of oocytes in Priapulus caudatus so as to determine the changes in protein and RNA content occurring during that process. The authors used the method of scanning UV microspectrophotometry and interference microscopy for the estimation of the optical density and the concentration of RNA, aromatic amino acids, and proteins. The combination of UV-cytophotometry and interference microscopy makes it possible to measure the exact content of RNA in the cell as well as the relative content of RNA, i.e., to calculate the RNA/protein ratio at different growth stages. The UV-microscopy studies showed that the RNA content in the ooplasm rises proportionally to the increase in the egg volume in nearly all periods of egg formation. The RNA concentration in the nucleolus remains almost constant being, however, much higher than that in the nucleus. Changes in

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Biochemistry

BULGARIA

EISENSTADT, T. B., BUCHVALOV, I. B., RAITCHEVA, E., Biochemical Research Laboratory, Bulgarian Academy of Sciences; Institute of Animal Morphology, Academy of Sciences of the USSR

"Cytochemical Studies on the Solitary Growth of Cocytes in Priapulus Caudatus"

Sofia, Doklady Bolgarskov Akademii Nauk, Vol 19, No 12, 1966, pp 1199-1202

Abstract: [English article] The authors carried out determinations of effects of extractants on periodic acid Schiff reaction-positive material in cocytes of Priapulus caudatus with the aim of elucidating the role of certain structures within the egg cell described earlier (Compt. rend. Acad. bulg. Sci., 19, 1966, No 6, 543-546). An analysis of cytochemical and electron microscope data indicates that the intercellular cavities and the lacunae of the EPR contain phospholipids and glycoproteins. The electronmicrograph shows that the yolk platelets are closely connected with the EPR lacunae. The surface and EPR lacunae appear to be the storage site of glycoproteins and phospholipids, which are constituents of the yolk platelets. A theoretical discussion of the results concludes the article. References: 2 Bulgarian and 3 Western. (Manuscript received, 8 Aug 66.)

Cytology

BULGARIA

EISENSTADT, T. B., RAITCHEVA, E., Institute of Animal Morphology, Academy of Sciences, USSR; Biochemical Research Laboratory, Bulgarian Academy of Sciences

"The Fine Structure of Gonadal Cells at Different Stages of Egg Formation in Priapulus Caudatus"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 6, 1966, pp 543-546

Abstract: [English article] The way in which the genetic information of the egg cell is transformed into hereditary traits of the growing organism cannot be explained without detailed investigations of pre-embryonic development. The present investigation studied certain aspects of the morphology and cytochemistry of female germ cells manifesting the solitary type of egg formation. It is a part of the comparative cytochemical investigations under way at the Cytology Laboratory of the Institute of Animal Morphology, Academy of Sciences of the USSR. The study covered gonads of worms *Priapulus caudatus* Lam. collected at the Murmansk Coast of the Barents Sea between May and July of 1963 and 1964. The ovaries were fixed for light microscopy by a mixture of formalin, alcohol, and acetic acid (3:1:0.3) in Bouin and Sanfelice liquids. The paraffin sections were stained with iron-haematoxylin by the Heidenhain method. Small parts of

1/2

RAITCHINOV, Ivan

On a theorem of G. Polya. Publ Inst math SANU 2(16):141-144
1962 [publ. '63].

ACC NR: AP7000704

region of $\phi = -0.300$ to $\phi = 0.200V$ the dependence of the anode potential on current density is linear with a slope of approximately 400mV and is characterized by good reproducibility in all test series. At $\phi = +0.200V$ with relatively small variations in the potential the current increased considerably. In the region of +0.200V to +2000V the values of current hardly differed from those of the potential; however, the current exhibited a slight downward trend. The Ga electrode showed external changes as well, whereas variations in the potential affected its surface voltage. Between the stationary potential and 0.000V the electrode had a spherical shape with an ever increasing radius; after 0.000V it became flat. The most probable processes responsible for the above behavior of the gallium electrode are discussed. The paper was presented by Academician St. Christov 18 June 1966. Orig. art. has: 1 figure.

SUB CODE: 2009, 11/ SUBM DATE: none/ ORIG REF: 002/ SOV REF: 004/ OTH REF: 002

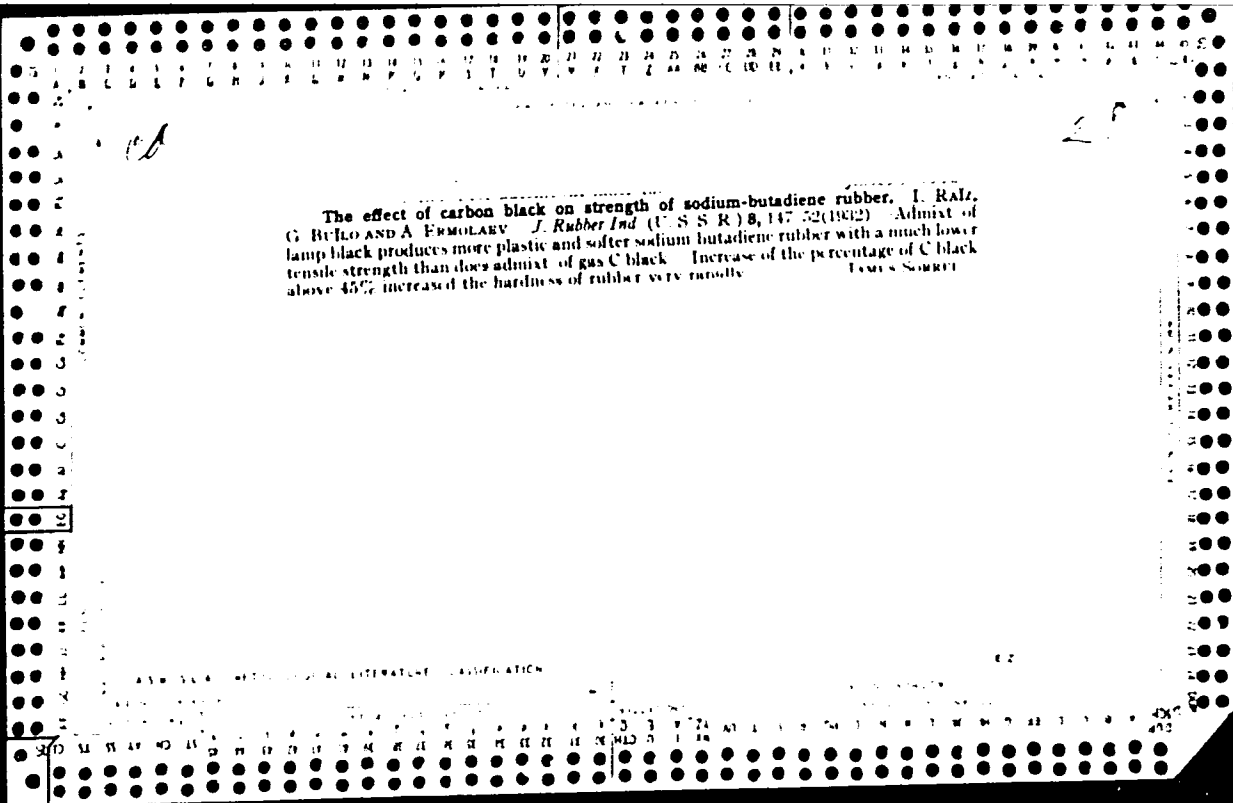
Card 2/2

The effect of carbon black on strength of sodium-butadiene rubber. J. RATH,
 G. HULLO AND A. BROMBARY. *J. Rubber Ind. (U. S. S. R.)* 8, 117-52(1932) - Admixt. of
 lamp black produces more plastic and softer sodium-butadiene rubber with a much lower
 tensile strength than does admixt. of gas C black. Increase of the percentage of C black
 above 45% increased the hardness of rubber very rapidly. JAMES SCORRELL

30

METALLURGICAL LITERATURE CLASSIFICATION

430-35.1



137 AND 138 ORDERS 139 AND 140 ORDERS
 PROCESSES AND PROPERTIES INDEX

B-I-9

Zinc oxide, kaolin, and whiting in carbon black mixtures with natural and synthetic rubber. A. KAMOLARY and O. BASS (J. Rubber Ind. U.S.S.R., 1954, 11, 131-140).-- Fillers for use with synthetic rubber are discussed. The optimum vol. was > for natural rubber. The use of ZnO, clay, and whiting in place of gas and lamp blacks in natural or synthetic rubber mixtures decreased the tensile strength and abrasion-resistance to about the same degree. Mixtures of synthetic rubber and lampblack (alone or with ZnO) did not evolve heat. (Ch. Abs. (c))

A 13-51A METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 ORDERS	139 AND 140 ORDERS
137 AND 138 ORDERS	139 AND 140 ORDERS

30

Zinc oxide, kaolin and chalk whitening in carbon black mixtures with natural and synthetic rubber. A. Ermolayev and O. Kalk, *J. Rubber Ind.* (U. S. S. R.) 11, 141-40 (1944). All fillers in synthetic (N4 butadiene) rubber mixts have a reinforcing action, and are divided into 3 groups: (1) the best, including gas black and lampblack; (2) medium, including MgO, clay and lithopone, and (3) weak, including ZnO, MgCO₃, chalk and barite. The use of ZnO, clay and chalk (1, 5, 10 and 15 vols % in place of gas and lampblacks in natural rubber mixts, decreased the tensile strength and the resistance to abrasion to about the same degree. Mixts. contg. gas black and ZnO, and lampblack and clay had high moduli. The optimum vol. of fillers for synthetic rubber was higher than for natural rubber, e. g., 30 vols. with C black. The tensile strength of mixts. with synthetic rubber decreased with ZnO, clay and chalk and with chalk disproportionately, and the modulus at 200% elongation also decreased. Mixts. of synthetic rubber and lampblack alone or with ZnO did not increase tensile strength.

ASAC 514 METALLURGICAL LITERATURE CLASSIFICATION

VALUTA, Ch.; IONESCU, Maria; SLUSANSCHI, H.; RAIU, Ileana

Accumulation of the main chemical components in the vegetating stages of winter wheat according to the applied fertilizers. Comunicarile AR 13 no.11:995-1001 N°63.

1. Comunicare prezentata de academician A.Vasiliu.

SANDOIU, D.; SLUSANSCHI, H.; RAIU, Ileana; MILITESCU, Livia

Influence of the experimental soil dryness in various vegetation stages upon the production and accumulation of chemical components in barley. Studii cerc biol veget 13 no.4:449-466 '61.

1. Comunicare prezentata de A. Vasiliu, membru corespondent al Academiei R.P.R.

PAIU, I.; SANDULESCU, C.

On the determination of lignin, cellulose, and pectic substances in flax and hemp fibers. p. 489.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 3, 1958.

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

Uncl.

RAIU, LLEANA

6

[Handwritten initials]
The analysis of hexachlorocyclohexane. Sever Petrascu,
Elvira Grou, Nicolae Bălescu, Ilciana Răju, and Margareta
Mihutescu. *Commun. Acad. Rep. Populare Romine*, 4, 387-
73 (1954).—Different methods for detg. the γ -isomer of
hexachlorocyclohexane were compared. The results are
given and as official analytical procedure the method
Granger and Zwilling is proposed (cf. *C.I.L.* 45, 2371c).
[Handwritten initials] A. Halasz

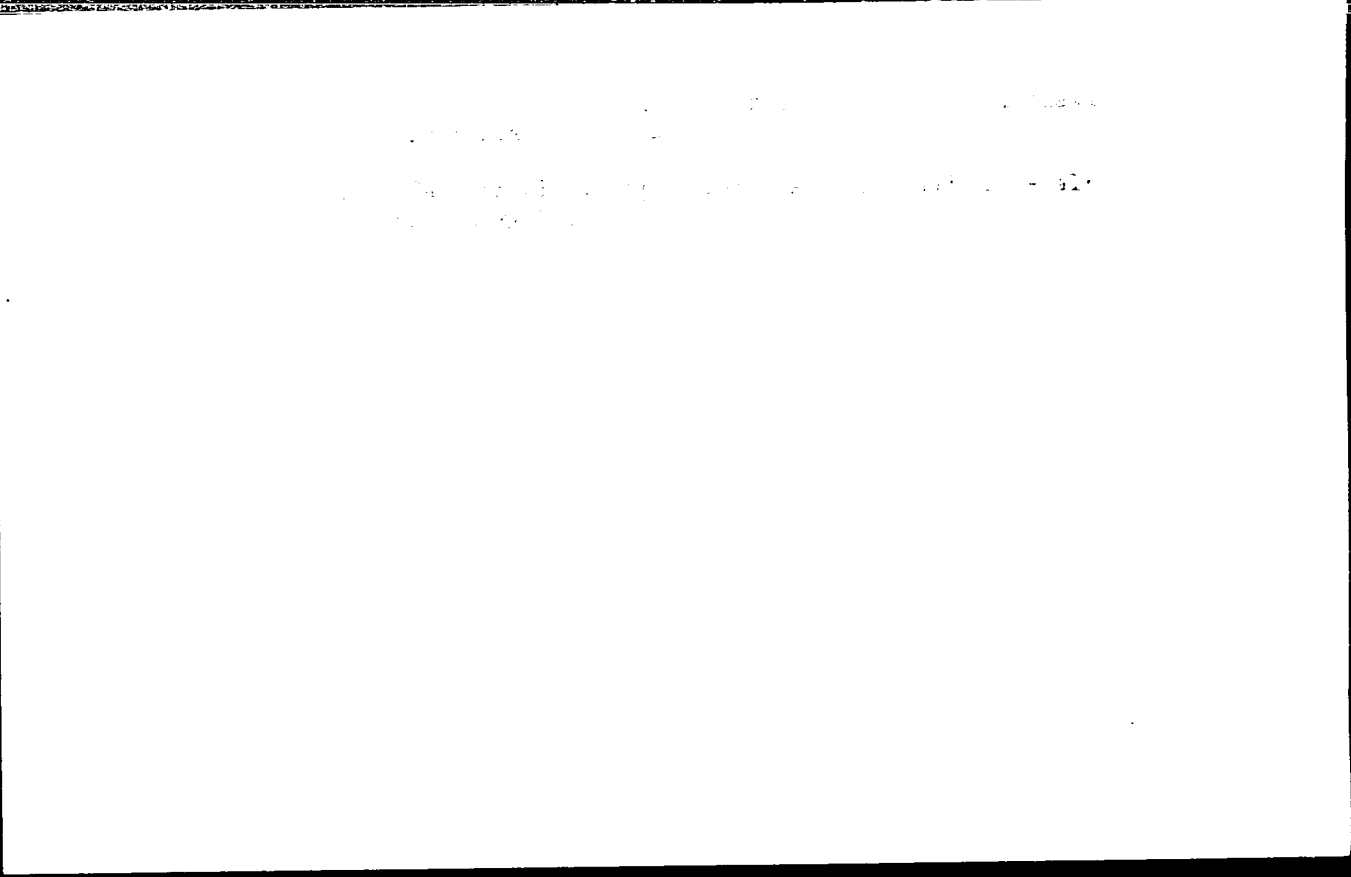
ALPHIA, A.

introduced in early spring. p. 109.

ALPHIA 100.0. (West. N. Products and Service)
Tull, Florida. Vol. 2, Mar. 1950.

Monthly list of West European Accessions (ALPHIA) Vol. 2, no. 1, Jan 1950.

Incl.



RAJ, S.

"Training of the Instructor for Tactical Exercises in the Officers Signal Communications School," by Lt. Col. S. RAJ. Przegląd Łączności, No. 8, August 1956, Warsaw.

RAJA, R.

Leptospirosis. p.457

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow I Technikow Sanitarnych Ogrzewnictwa I Garownictwa) Warszawa Poland
Vol.13, no.10, Oct. 1958

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

Uncl.

HUNGARY

RAJACH, Laszlo, Dr. Lung Sanitarium of the Hungarian State Railways, (director: NYIRO, Jozsef, Dr), Department of Thoracic Surgery (chief physician: KERENYI, Imre, Dr, candidate) (A MAV [Magyar Allamvasutak] Tudogyointezet, Mellkassebeszeti Osztaly).

"Parenteral Chlorocid Treatment of Purulent Lung Diseases."

Budapest, Magyar Sebeszet, Vol XVI, No 2, May 1963, pages 104-108.

Abstract: [Author's German summary] The author reports the use of intramuscular "Chlorocid" injection in 25 cases. The drug is produced by the Combined Pharmaceutical and Nutritional Factory (Egyesult Gyogyszer es Tapszergyar) and is not yet released. Side-effects and effectiveness of the compound are discussed. In the author's observation, the drug can be used without significant side-effects. Excellent results, as is expected from a broad-spectrum antibiotic, were obtained. 9 Hungarian, 12 Western references.

[1/1

RAJAGH, Laszlo, dr.; BARANYAI, Lajos, dr.; KERENYI, Antal, dr.

Repeated surgery in a case of rare mediastinal tumor. Magy. sebész.
15 no.2:125-129 My '62.

1. A Mav. Tudogyogyintezet mellkas-sebeszeti osztalyanak es a Janos
Korhaz bronchologiai osztalyanak kozlemenye.

(MEDIASTINUM heopl)

RAJAGH, Laszlo, dr.

Use of meprobamate in surgical premedication. *Magy. sebeszet*
13 no.6:376-379 D '60.

1. A MAV Tudogyogy intezet (Igazgato: Nyiro Jozsef dr.) Sebeszeti
Osztalyanak (Foorvos: Kerenyi Imre dr., az orvostudomanyok kandi-
datusa) kozlemenye.

(MEPROBAMATE ther)
(PREOPERATIVE CARE)

RAJAGH, Laszlo, dr.

Suppression of postoperative vomiting with meprobamate. Tuberkulozis
14 no.4:115-116 Ap '61.

1. A MAV Tudogyogyintezet tudosebeszeti osztalyanak kozlemenye.

(VOMITING prev & control)
(SURGERY, OPERATIVE compl)
(MEPROBAMATE ther)

RAJAGH, Laszlo, dr.

On the possibility of drug therapy of postoperative vomiting. Magyar. sebész. 16 no.1:48-53 Mr '63.

1. A MAV Tudogyogyintezet (igazgato: Nyiro Jozsef dr.) melkassebeszeti osztalyanak (foorvos: Kerenyi Imre dr., az orvostudomanyok kandidatusa) kozlemenye.

(ANTIMETICS) (ANESTHESIA) (THORACOPLASTY) (MEPROBROMATE)
(DYMENHYDRINATE) (CHLORPROMAZINE) (SUPPOSITORIES)
(POSTOPERATIVE CARE)

References:

1. "Index of Names for the Albanian-Italian Conflict. In English. p. 27,
(Buletin No. 6, 1954, Ljubljana, Yugoslavia)

2. "Index of Names of the European Association, (1954), 10, Vol. 4, No. 4,
Apr 1954, Uncl.

Rajagopal, C. T.

Rajagopal, C. T. A series associated with Dirichlet's series. Acta Univ. Szeged. Sect. Sci. Math. 11, 201-206

(1948).

Let

$$0 = D_0 < D_1 < \dots < D_n \rightarrow \infty$$

and assume that $d_n = D_n - D_{n-1}$ is $O(1)$. Set $\lambda_n = \log D_n$ and $c_n = d_n/D_n$. The author discusses the association of a factorial series (1) $\sum \tilde{a}_n \prod (1 + c_k s)^{-1}$ with the Dirichlet series (2) $\sum \tilde{a}_n \exp(-\lambda_n s)$. It is first shown that (1) and (2) are equiconvergent, both pointwise and uniformly, excluding the points $s = -1/c_n$. Turning to Abel summability, a standard Tauberian theorem for (2) is applied to show that if $F(s)$ is the sum of (1) and if $F(s) \rightarrow C$ as $s \downarrow 0$, then if $a_n = O(c_n/\lambda_n)$, $\sum \tilde{a}_n = C$. Similarly, if $a_n \geq 0$ and $F(s) \sim C s^{-\alpha} \prod (\ln_k s^{-1})^{\alpha}$ as $s \downarrow 0$, where \ln_k is the k th iterate of the logarithm function, then

$$\sum \tilde{a}_n \sim C \prod (\ln_k D_n)^{\alpha-1} / \Gamma(\alpha+1).$$

For the special case where $F(s) \sim C s^{-\alpha}$ as $s \downarrow 0$ and $0 < \alpha \leq 1$, the condition $a_n \geq -K c_n / (\lambda_n)^{1-\alpha}$ is sufficient to assure $\sum \tilde{a}_n \sim C (\lambda_n)^\alpha / \Gamma(\alpha+1)$. It is remarked that corresponding results hold for the associated series $\sum \tilde{a}_n \prod (1 - c_k s)$.

R. C. Buck (Providence, R. I.)

Source: Mathematical Reviews.

Vol 10 No. 4

STWJ

2600

RAJAGOPAL, C. T.

Rajagopal, C. T. Some theorems concerning Riesz's first mean. *Arch. Serbe Sci. Publ. Inst. Math.* 1, 11-20 (1947).

Let δ , $\underline{\delta}$, σ , $\underline{\sigma}$ be the superior and inferior limits of the partial sums and (R, λ, t) means, respectively, of a series $\sum a_n$. Write $A(t) = \sum_{\lambda_n \leq t} a_n$, where $0 < \lambda_0 < \lambda_1 < \dots, \lambda_n \rightarrow \infty$, and let

$$\limsup_{x \rightarrow \infty} \max_{x \leq x' \leq tx} \{A(x') - A(x)\} \leq W(t),$$

$$\liminf_{x \rightarrow \infty} \min_{x \leq x' \leq tx} \{A(x') - A(x)\} \leq w(t).$$

The following results (in increasing order of generality) are known. (1) If $\delta = \underline{\sigma}$ and $w(t) \rightarrow 0$ as $t \rightarrow +0$, then $\delta = \underline{\delta}$,

(2) if $0 < \theta < 1 < \lambda$, then

$$(\lambda - 1)\underline{\delta} \leq \lambda \underline{\sigma} - \sigma - \int_1^\lambda w(t) dt,$$

$$(1 - \theta)\delta \leq \sigma - \theta \sigma + \int_1^\lambda w(t^{-1}) dt,$$

and

$$(3) \quad (\lambda - \theta)\underline{\delta} \geq \lambda \underline{\sigma} - \theta \sigma - \int_1^\lambda W(t) dt - \int_1^\lambda w(t^{-1}) dt,$$

$$(\lambda - \theta)\delta \leq \lambda \sigma - \theta \sigma + \int_1^\lambda W(t^{-1}) dt + \int_1^\lambda w(t) dt.$$

[(1) is included in a theorem of O. Szász, *S.-B. Math.-Nat. Abt. Bayer. Akad. Wiss.* 1929, 325-340; (2) and (3) were given by J. Karamata, *Proc. London Math. Soc.* (2) 43, 20-25 (1937); earlier results were obtained by L. Fejér, C. Nagy, M. Fekete and C. E. Winn; extensions to higher Riesz means have been given by S. Minakshisundaram, *J. Indian Math. Soc. (N.S.)* 3, 127-130 (1938), and C. T. Rajagopal, *J. London Math. Soc.* 21 (1946), 275-282 (1947); these *Rev.* 9, 86.] Here the author obtains similar results in which $a_n \leq (\lambda_{n+1} - \lambda_n)F(\lambda_{n+1})$, where (i) $\lambda_n \sim \lambda_{n+1}$, (ii) $F(x)$ decreases, (iii) $\int_1^\lambda F(t) dt$ satisfies conditions like those on $A(t)$ above. He also gives various known results as corollaries. The reviewer observes that the author's results may be deduced from (1)-(3) above.

L. S. Bosanquet (London).

Source: *Mathematical Reviews*,

Vol 10, No. 10

LFH

HUNGARY / Chemical Technology. Chemical Products and H-28
Their Application. Food Industry.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 2779.

Author : Gruzl, F., Rajakai, P.

Inst : Not given.

Title : The Study on Baking Properties of Hungarian Varieties of Wheat During 1953-1955.

Orig Pub: Novenytermeles, 1957, 6, No 4, 289-302.

Abstract: Based on a three year study of several thousand wheat samples, it was established that the amount of gluten and the quality of dough depend on the variety and factors connected with a growing locality (soil and climatic conditions, soil treatment and others). It was shown that the selection of seed is not used to a full degree.

Card 1/1

RAMANETS, W.

Some notes on rhyme. p. 1571.
No. 10, Oct. 1959.

LOOTING. (On Kirjanika Liit) Tallin. Estonia.
No. 10, Oct. 1959.

Monthly List of East European Accessions (BEAI) L3, Vol. 8, No. 12, Dec. 1959.

Uncl.

RAJASAAR, G.

Artificial driving of green forage. p. 19

SOTSILIKTLIK POLUMAJANDUS. POLUMAJANDUS MINISTEERIUM.
Tallin, Hungary. No. 1, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

KAJASAAR, Georg; TIIGINÄS, Arved; ORA, A., red.

[Mechanization of hay harvesting] Heinakoristustööde
mehhaniseerimine. Tallinn, Eesti Riiklik Kirjastus,
1963. 77 p. [In Estonian] (MIRA 17:6)

Rajca, J.

3842

037.33 : 547.062.3

Cesul J., Obrusiewicz T., Rajca J. Experiments on Utilizing Whey for **AG**
the Production of Food Products.

„Próby wykorzystania serwatki do wyrobu produktów spożywczych”.
(Prace Inst. Przem. Mlecz. No. 2), Warszawa, 1954, WPLIS, 2,5 pp., 1 fig.,
1 tab.

An edible product in solid form, similar to scandinavian „Mezost” —
not suitable for spreading on bread -- was produced from whey, together

with a powdered product with an addition of 10% of saccharose. The
powder takes the form of small crystals, is sweetish in taste, slightly
salty with a milk-acidic odour. It can be used in baking, confectioneries
and the production of baby foods.

(2)

1950-1959

1950-1959

Accidents on railroad crossings.

J. Ill (Frangl) Holiday brown. Vol. , no. 8, Sept. 1950. Warsaw, Poland)

Monthly Index of East European Accessions (MIA) 10. Vol. 7, no. 2,
February 1958

PAJCI, T.

Safeguarding grade crossings. p. 260.

(PRZEGLAD KOLEJOWY BROGOWY. Vol. 8, no. 11, Nov. 1956, Warszawa, Poland)

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

RAJCA, P.

How to conduct the fight against snow and frost in railroad stations. Przeład Dodatek.
p.176

(PRZEGLAD KOLEJOWY DROGOWY, Vol. 8, No. 12, Dec. 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (FFAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

RUSIA, T.

Progress and experiences in the mechanization of the fight against snow and frost.

p. 227 (Pracznik Rolniczy Krowow. Vol. 6, no. 10, Oct. 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEA) IC. Vol. 7, no. 2,
February 1958

RAJCA, T.

RAJCA, T. Accidents on crossings due to bad service. p. 67

Vol. 8, no. 3, Mar. 1956
PRZEGLAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

RAJCAN, Julius, inz., CSc.

Opinions on strength grading of structural sawn timber according to
outer signs. Drevo 18 no.9:315-319 S '63.

1. Statny drevarsky vyskumny ustav, Bratislava.

RAJCAN, Julius

Strength grading of lumber. Drevarsky vyskum, no. 2: 103-115' 62

1. Statny drevarsky vyskumny ustav, Bratislava.

RAJCAN, Julius, Inz. CSc.

Some experiences in statistical quality control. Drevc 19 no.11:
401-403 N '64.

1. State Research Institute of Wood, Bratislava.

RAJCAN, Julius

Strength grading of lateral by sawed timber. Drevarsky
vyskum no. 1:37-44 '63.

1. Statny drevarsky vyskumny ustav, Bratislava.

SOCHOR, Milan; RAJCAN, Julius

Hydrothermic softening of the sessile oak wood (*Quercus sessilis*).
Drevarsky vyskum no.4: 307-318 '62.

1. Statny drevarsky vyskumny ustav, Bratislava.

PA. CAN, Julius, inz. CSc.

Why quality control and standardization in the wood industry?
Drevc 19 no.9:323-325 S '64.

I. State Research Institute of Wood Industry, Bratislava.

RAJCEK, V., ing.

Production of drainpipes of various diameters by the group
method. Stavivo 41 no. 5:168-170 My '63

1. Zapadoslovenske tehelne, n.p., Pezinok.

KRADZIEV, B., prof.; LAZAROV, B.; RAJCEV, I.; VALKOV, I.

On some morphological changes in the kidney in multiple
myeloma. Nauch. tr. vissh. med. inst. Sofia 42 no.4:
13-20 '63

1. Aus dem Institut für Pathologische Anatomie (Direktor:
Prof. B. Kardziev), Medizinisches Institut in Sofia.

*

S/081/62/000/005/009/112
B158/B110

AUTHORS: Rajceva, S., Christov, S. G.

TITLE: Polarization curves for evolution of hydrogen on gallium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 5, 1962, 74, abstract
5B498 (Dokl. Bolg. AN, v. 14, no. 2, 1961, 183 - 186)

TEXT: Hydrogen overvoltage (η) on solid and liquid Ga is measured in 0.1, 0.01, and 0.001 N HCl at $i = 10^{-6}$ - 10^{-3} a/cm² and temperatures of 10-65°.

η does not depend on pH. On solid Ga η is greater and the coefficient b of the Tafel equation smaller than on liquid Ga (at 24 and 35° b is 0.120 and 0.095 v, respectively). For solid Ga, the relationship (η , log i) is linear; however, at small values of i , η on liquid Ga is only slightly dependent on i . This is connected with autodissolution of liquid Ga at increased temperatures. Abstracter's note: Complete translation.

Card 1/1

STANJEVIC, B.

Design for filled dam at Bjelosevina, p. 363

ELEKTROPRIVREDA, Beograd, Vol 9, No. 7, July, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

RAJCEVIC, Bogdan, dr. inz., strucni saradnik

Building our electric-power plants. Tesla no.17/18:31-33
'56.

1. "Energoprojekt," Beograd.

RAJCEVIC, B.

The role of small-sized hydroelectric-power stations; the water system of the Zaslapska River. p. 55.
(GLASNIK, No. 25/26, 1956

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

RAJCEVIC, Bogdan, dr inz.

Achievements in the fields of metalled dams. Tesla
no.15/16:10-12 N-D '55.

1. Sef grupe za nasute brane i geotehniku "Energoprojekta,"
Beograd.

RAJCEVIC, B.

The Globotica water supply. p. 58
(GLASHNIK, No. 25/26, 1956)

SC: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1958
Uncl.

RAJCEVIC, B.

The Bjelosevina water-storage project of the Perucie Hydroelectric Station. p. 5.
(Izgradnja, Vol. 11, No. 1, Jan. 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

PAJ-FVIG, P.

Project of the earth-filled Kokin Prod dam p. 1113.

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

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

PAJCEVIC, P.

A design of the Kokin Prod earth dam. p. 149.
(Elektroprivreda, Vol. 10, no. 2, Mar. 1957. Yugoslavia)

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

RAJCEVIC, B.

Design for Globocica Dam. p. 84. ELEKTROPRIPEDA. (Savet za
energetiku i ekstraktivnu industriju) Beograd. Vol. 9, no. 2, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

RAJCEVIC, B.

Contribution to the problem of the compactness of incoherent; compaction tests for the Krupac dam. p. 65. IZGRADNJA. (Društvo građevinskih inženjera i tehničara Srbije) Beograd. Vol. 9, no. 11/12, Nov./Dec. 1955.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, no. 12, December 1956

RAJCEVIC, B.

Aesthetic treatment of dams; proposals and examples in our country. p. 1175. Vol. 9, No. 8, 1954. *TEHNIKA*. Beograd, Yugoslavia.

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

RAJCEVIC, Bogdan, dr inz.

Karlo Terzaghi; obituary. Tehnika Jug 19 no.5:Suppl:
Gradevinarstvo 18 no.5:850d My '64.

1954/1955, 1.

Importance of disinfection in the fight against infectious diseases. p. 19. (BEOGRAD, Vol. 4, No. 4, 1954.)

50: Monthly List of East European Accessions. (EWAL, IC, Vol. 4, No. 6, June 1955, Uncl.)

RAJCEVIC, N.

Lead refining. p. (576a).
(Tehnika, Vol. 12, no. 4, 1957. Beograd, Yugoslavia)

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

PAPENVIC, Nabojsa dr.

External exudative retinitis of Coats. Med. arh. 18 no.2:
93-99 Mr-Je '64.

1. Očna klinika Medicinskog fakulteta u Sarajevu (Šef: Prof.
dr V. Cavka).