

FORIZS, Margit, dr.; ORLICSEK, Jozsef

Functional types of the Hungarian country towns. Foldrajzi ert
12 no.2:167-199 '63.

FORIZS, Margit, dr.; HORVATH, Lajos, dr.

Recreation area around Lake Velence. Stat szemle 42 no.8/9:
860-876 Ag-S '64.

1. Deputy Division Chief, Central Statistical Office, Budapest
(for Forizs). 2. Group Head, Central Statistical Office,
Budapest (for Horvath).

FORIZS, Margit, dr.

"Esztergom, the city of the Dorog industrial region" by
Dr. Edit Lettrich. Reviewed by Margit Forizs. Stat
szemle 42 no.10:1041-1042 0 '64.

1. Deputy Division Chief, Central Statistical Office, Budapest.

FORIZS, Odon, dr.

Surgery of extensive intense stenosis of the urethra. *Magy. sebessz* 8 no.6:394-399 Dec 55.

1. A Gyulai Megyei Korhas Urologiai Osztalyanak kozl.

Foorvos: Foriss, Odon dr.

(URETHRA, stenosis

stricture in male, surg. technic. (Hun))

FOUZZI, Gholi, dr.; MATHE, Bela, dr.

Significance of the cultivation of Koch's bacilli from the
seminal fluid in the diagnosis of genital tuberculosis. Urology.
1964. 105 no.52:2459-2462 27 D '64.

i. Budapesti Urologiai Tbc. Gondozo.

FORIZS St.

RUMANIA/ Chemical Technology, Chemical Products and
their Applications. Treatment of Solid Fuels

H-22

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37425

Author : Barbu I, Forizs St., Miortoscu D.

Inst : Not givon

Title : Preparation of Coking Charges.

Orig Pub : Metalurgia si constr. mas., 1957, #3, 27-31, 57

Abstract : A relation between the granular structure of raw materials
charge, quality, and uniformity of the resulting metallurgical
coko charge containing poorly coking coals, is given.
Average granular composition of coking charges accepted in
differont countrios is shown. Also described are various
means of selective preparation of charges. Research results
dealing with charge's quality as a function of grain

Card : 1/2

RUMANIA/ Chemical Technology, Chemical Products and
their Applications. Treatment of Solid Fuels

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37425

Abstract : structure are described, while the importance of optimum
form of grain structure curve is stressed.

Card : 2/2

L 31722-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6021193

SOURCE CODE: RU/0017/65/000/008/04.01/04.09

AUTHOR: Forizs, St. (Engineer)

20
B

ORG: Siderurgical Combine, Hunedoara (Combinatul Siderurgic)

TITLE: Considerations concerning the preparation of charges for coking 4

SOURCE: Metalurgia, no. 8, 1965, 401-405

TOPIC TAGS: coke, coal

ABSTRACT: In tests under laboratory and field conditions, the author found that semicoke shows the least grinding capability among the charge components. Another finding is that excessive grinding of the enriching and defatted coals, increasing the proportion of 0 to 0.3 and 0 to 0.5 millimeter particles, leads to impaired agglomeration and loss of enriching properties. Orig. art. has: 10 figures and 2 tables. [JPRS]

SUB CODE: 21 / SUBM DATE: none / ORIG REF: 011 / OTH REF: 001
SOV REF: 002

Card 1/1 88

UDC: 662.749.22.621.926

FORJE, A., ing.

Nondestructive control of welds on setting up main conveying pipelines for crude oil, gas, and oil products. Petrol si gaze 14 no.2:92-100 F '63.

BOU, M., ing.; FORJE, A., ing.

Considerations on the admissibility criteria regarding joining
systems on main lines by means of atomic radiation control.
Petrol si gaze 14 no.7:358-362 JI '63.

GENTEVA, O., ing.; FORJE, Alex., ing.

Aspects of the organization of thermal treatment works
, applied to assembly weldings in thermal power stations with
high operating parameters. Energetica Rum 12 no. 7:331-335
Jl '64.

FORJE, Alex., ing.

Atomic control at large worksites. St si Teh Buc 16 no.8:34-35
Ag '64.

FORJE, M. ; DORDEA, L.

Control of premature wear of rails by treatment of their rolling surface. p.661.

REVISTA CAILOR FERATE. (Cailor Ferate Romine) Bucuresti, Rumania.
Vol. 6. no. 12, Dec. 1958.

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

Uncl.

FORJE, M.; DORDEA, I.

Application of new techniques in the maintenance of railroads. p.160.

REVISTA CAILOR FERATE. (Calle Ferate Romine)
Bucuresti, Rumania
Vol. 7, no. 3, Mar. 1959.

Monthly list of Eastern European Accession Index (EEAI) LC vcl. 8, No. 11
November 1959
Uncl.

TETDOYEV, A.M. (Leningrad, Pesochnaya ul., 24, kv.20) ; MIRZANIP, I.V.

Spontaneous rupture of the stomach. Vest. khir. 92 no.3:134-136 Mr
'64. (MIRA 17:12)

1. Iz 2-y khirurgicheskoy kliniki usovershenstvovaniya vrachey (nachal'-
nik -- prof. I.D.Zhitnyuk) Voenno-meditsinskoy ordenu Lenina akademii
imeni S.M.Kirova.

FORKAMPF, K.K.

Symptom of diminishing sensitivity to pain in appendicitis.
Vest.khir.76 no.10:125-126 N '55. (MLRA 9:1)

1. Iz khirurgicheskogo otdeleniya (nach.K.K.Forkampf)ob"edinennoy bol'nitsy st. Kotlas Pechorskoy zheleznoy dorogi.
(PAIN) (APPENDICITIS)

Country : CZECHOSLOVAKIA
Category: Cultivated Plants. Fruits. Berries.

M

Abstr Jour: RZhBiol., No 22, 1958, No 100463

Author : Forkl. Fr.

Inst : -

Title : A New Method of Planting Cherry Trees.

Orig Pub: Ovoenar. a zolinar., 1957, 5, No 9, 275

Abstract: The new method consists of planting cherries thickly on a strip 2 meters in width, as far as possible in the direction from the south to the north. A vacant space, 4 meters in width, is left between the rows, which can be temporarily utilized for sowing agricultural crops until the cherries begin to fruit. The

Card : 1/2

Country : CZECHOSLOVAKI..

M

Category: Cultivated Plants. Fruits. Berries.

.bs Jour: RZhBiol., No 22, 1958, No 100463

height of the cherry shrubs in such planting does not exceed 3 meters which facilitates the gathering of the crop without lean-to ladders. Cherries planted according to the new method, begin to fruit in the 3-4th year. With 900 trees on 1 hectare, the yield is frequently high. -- Yo. ... Parshina

Card : 2/2

M-167

L 58825-65 EWT(d)/EWT(m)/EMA(d)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EMA(i)

PF-L HW/JD

ACCESSION NR: AR5002387

S/0271/64/000/010/1014/1014

621.398.694.4-531.7

SOURCE: Ref. zh/ Avtomat., telemekh. i vychisl. tekhn. Sv. t., Abs. 10A114

23
B

AUTHOR: Forlifer, V.

TITLE: Laboratory investigation of nichrome-foil tensometers intended for measuring strain at temperatures up to 650C

CITED SOURCE: Sb. Vysokotemperat. tensodatchiki. M., Mashgiz, 1963, 134-145

TOPIC TAGS: tensometer, nichrome foil tensometer, high temperature tensometer

TRANSLATION: The process of cementing, the method of temperature compensation, and the effect of temperature cycles on the characteristics of airborne tensometers are described. The sensors operate at temperatures of 38-650C, a humidity of 100%, and a vibration caused by the "white" acoustical noise of 150 db. The effect of heating cycles on the sensor characteristics was determined: after five cycles, the sensor became stabilized. Nine illustrations. Bibliography: 3 titles.

SUB CODE: TD, AC

ENCL: 00

Card 4/4 dm

FORM, N., ekonomist

Improve the quality of intradepartmental inspection. Rech.
transp. 19 no.1:14-16 Ja '60. (MIRA 13:5)
(Inland water transportation--Accounting)

FORM, N., ekonomist

Improve the intradepartmental control. Rech. transp. 23
no.7:47 J1 '64. (MIRA 17:10)

FORNAGYI, GY.

Problems of technical development in road maintenance. p. 537.
Vol 5, no. 12, Dec. 1955. MELYEPITESTUDOZMANYI SZEMLE. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

FORMAGYI, GY.

FORMAGYI, GY.— Planning transportation in road construction. p. 116.
Vol. 6, no. 3, Mar. 1956.
MELYEPITESTUDOMANYI SZEMLE. (Kozlekedsi Kiado) Budapest.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4,—April 1957

1. FORMAKOVSKIY, I. S.
2. USSR (600)
4. Pumping Machinery
7. Letter to the editor ("Pumps, compressors and ventilators"). Prof. G. M. Znamenskiy. Reviewed by I. S. Formakovskiy. Vest. mash. 32. no. 7. '50.

9. Monthly Lists of Russian Accessions, Library of Congress, February 1953, Unclassified

FORMAL'SKIY, A.M. (Moskva)

Construction of a controllability region for a system with
a nonsteady object. Izv. AN SSSR. Tekh. kib. no.5:129-136
S-0 '65. (MIRA 18:11)

L 22/72-00 ENT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6005766 SOURCE CODE: UR/0280/65/000/005/0129/0136

AUTHOR: Formal'skiy, A. M. (Moscow)

ORG: none

TITLE: Construction of a controllability region for a system with an unstable plant

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 5, 1965, 129-136

TOPIC TAGS: automatic control system, automatic control theory, time optimal control, mathematic space, mathematic analysis

ABSTRACT: It was shown elsewhere that if a system of linear differential equations with constant coefficients has an eigenvalue with negative real members, when the "community of state" condition is satisfied the origin can be reached from every point in phase space by means of modulus-limited control. If the equation system has an eigenvalue with positive real members, then it is not possible to reach the origin from every point in phase space by these means. The present author solves the problem of the construction of multiple initial states (controllability region) from which the origin can be reached. In practice, self-unstable systems are stabilized by a corresponding selection of negative feedback coefficients; however, if the negative feedback signal amplitude is limited, the points in phase space from which it is not possible to reach the origin in an open system are the same for a closed system. Two examples are given. Relationships are obtained which define the controllability region in

Card 1/2

57
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ACC NR: AP6005766

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phase space. These relationships make it possible to clarify the structure of the controllability region, to determine its dimensionality, and to construct this region for specific systems. In constructing the controllability region, the greatest technical difficulties are encountered in the computation of the integral

$$d_n(\infty) = \int_0^{\infty} |\eta^* N(-\tau) B| d\tau = \int_0^{\infty} \left| \sum_{k=1}^{p_A} \sum_{l=1}^{p_A} \left(\sum_{i=1}^n \eta_i^* \alpha_{k,l}^i \right) \tau^{p_A-l-p_A^*} + \right. \\ \left. + \sum_{m=1}^{q_m} \sum_{v=1}^{q_m} \left(\sum_{i=1}^n \eta_i^* \beta_{k,m}^i \right) \tau^{q_m-v-q_m^*} \cos \omega_m \tau + \right. \\ \left. + \sum_{m=1}^{q_m} \sum_{v=1}^{q_m} \left(\sum_{i=1}^n \eta_i^* \gamma_{k,m}^i \right) \tau^{q_m-v-q_m^*} \sin \omega_m \tau \right| d\tau.$$

Therefore, in constructing the region it may be necessary to use digital computers. Orig. art. has: 2 figures and 19 formulas.

SUB CODE: 09, 12 / SUBM DATE: 02Jun64 / ORIG REF: 004 / OTH REF: 003

Card 2/2 FV

L 47179-66 EWP(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) DC
ACC NR: AP6032173 SOURCE CODE: UR/0055/66/000/005/0075/0084

54

AUTHOR: Formal'skiy, A. M.

B

ORG: Department of Applied Mechanics, Moscow University (Kafedra prikladnoy mekhaniki Moskovskogo universiteta)

TITLE: Construction of the controllability domain for systems with constraints imposed upon the control function

SOURCE: Moscow. Universitet. Vestnik. Seriya I. Matematika, mekhanika, no. 5, 1966, 75-84

TOPIC TAGS: automatic control, linear control system, controllability domain

ABSTRACT: An analysis is made of the problem of constructing in the phase space X the domain Q of initial states V₀ (vectors) from which a control system described by a system of linear differential equations with constant coefficients can be taken to the origin of coordinates by means of a permissible control u(τ) constrained by the inequality

$$\int_0^T |u(\tau)| d\tau < C.$$

Card 1/2

UDC: 62-50

I. 47170-88

ACC NR: AP6032173

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where C is a constant and T is a time value such that $u(\tau) \equiv 0$ at $\tau > T$. A method for constructing such a set Q of vectors V_0 is presented. A set of inequalities and equations defining the set Q are derived on the basis of which the structure of Q is analyzed. It is established that Q is a cylindrical domain having a boundary one part of which belongs to the set Q and the other part does not. The obtained results make it possible to construct the set Q in every actual case. Two particular cases of the general problem are analyzed for which controllability domains are established. Two control systems described by a system of second-order and third-order equations, respectively, with numerical coefficients are analyzed as an illustration of the theory. Orig. art. has: 31 formulas. [LK]

SUB CODE: ^{13/12} ~~13/12~~ / SUBM DATE: 18May65/ ORIG REF: 004/ OTH REF: 001/ ATD PRESS: 5091

Card 2/2 blg

KOVALEV, F.L., kand. tekhn. nauk, red.; GAMBURG, Ya. Yu., retsenzent;
FORMAL'SKIY, M.I., retsenzent; KISSLEY, M.A., retsenzent; PLEMIANNIKOV,
K.N., red.; SUKOLOVA, V. Ye., red.; LIOZNOV, A.G., red.; KHAKVIN,
M.T., tekhn. red.

[Manual on wool spinning] Spravochnik po sherstopriadeniiu.
Pod red. F.L. Kovaleva. Izd. 2., perer. i dop. Moskva, Izd-vo
nauchno-tekhn. lit-ry RSPSR, 1960. 785 p.

(MIRA 13:12)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut
sherstyanoy promyshlennosti.

(Woolen and worsted spinning)

FORMAN, I.

The problems of piloting a supersonic plane.

P. 626 (Kridla Vlasti) Vol. 3, No. 20, Oct. 1957, Czechoslovakia

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

FORMAN, I.

The advancement of Soviet aviation.

P. 641. (Kridla Vlasti, No. 21, Oct. 1957, Praha, Czechoslovakia)

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

FORMAN, I.

The national discussion.

P. 769. (KRIDIA VLASTI.) (Praha, Czechoslovakia) No. 25, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

FORMAN, Jiri

"The manufacture of sulfuric acid" by Werner W. Duecker
and James R. West. Reviewed by Jiri Forman. Chem prum
12 no.10:566-567 0 '62.

1. Moravske chemicke zavody.

FORMAN, Jiri

"Principles of chemical engineering" by F.A. Henglein..
Reviewed by Jiri Forman. Chem prum 14 no.1:56 Ja'64.

1. Moravske chemicke zavody, Prerov.

FORMAN, Rudolf; RUFERT, Svatopluk, dr.

Establishment of technical and organizational standards in food industry. Prace msd 9 no.3:103-110 Mr '61.

FORMAN, Rudolf, C.Sc.; RUFERT, Svatopluk, dr.

New trends in establishing technical working standards. Prum
potravin 13 no.12:619-623 D '62.

1. Vyzkumny ustav ekonomiky potravinarskeho prumyslu, Praha.

CEPELA, Josef; FORMAN, Rudolf; RUFERT, Svatopluk, dr.

The technical organization standards. Prum potravin 13 no.6:
281-286 Je '62.

1. Sdruzeni cukrovaru, Praha (for Cepela). 2. Vyzkumny ustav
ekonomiky potravinarskeho prumyslu, Praha (for Forman and Rufert).

FORMAN, Rudolf; LIKAR, Otakar, inz.; RUSMAN, Ivo

Determining the number of working process records needed for
the establishment of standards for machinery operation.
Prace mzda 11 no.2:89-91 F '63.

1. Vyzkumny ustav potravinarskeho prumyslu.

FOIA, "

Geodetic basis of a special 1:75,000 scale map and instructions
for new topographic 1:10,000 scale and 1:5000 scale mapping. p.65.
GEODETICKY A KARTOGRAFICKY ÚSTUP. (Ústřední správa geodesie a
kartografie) Praha. Vol. 2, no. 4, Apr. 1956.

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

FORMAN, V.

Geodetic systems and reasons for their origin.

p. 212 (GEODETICKY A KARTOGRAFICKY OZOR) Vol. 2, no. 6, June 1956,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

FORMAN, Vladimir, inz.

Gyro compass as a new geodetic instrument. Geod kart obzor
9 no.1:10-12 Ja '63.

1. Ustredni sprava geodesie a kartografie, Praha.

FORMAN Z

Czechoslovakia/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61575

Author: Antos, K., Forman, Z., Kristian, P.

Institution: None

Title: Concerning the Preparation of Nitroso Pentamethylenetetramine

Original

Periodical: Prisperek k priprave dinitrozopentametylentetraminu, Chem. zvesti, 1956, 10, No 3, 162-169; Slovak; Russian and German resumés

Abstract: There have been determined the optimal conditions for preparing dinitroso pentamethylene tetramine (I) by nitrosation of hexamethylene tetramine: temperature from -5 to 50; 18.5% excess $\text{NaNO}_2 + \text{HNO}_3$; use of 12.5% HNO_3 ; pH 3.5-4.5. Under these conditions yield of I is 73%.

Card 1/1

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41107.

Author : Holub, A.; ~~Forman, Z.~~; Jezkova, D.

Inst : Not Given
APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413520003-3
Title : Body Temperature in Pigs.

Orig Pub: Veterinarstvi, 1957, 7, No 7, 214-216.

Abstract: No Abstract.

Card 1/1

USSR/Human and Animal Physiology: Thermoregulation.

7

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93023.

Author : Golub, A., ~~Porvany, Z.~~ Yezhkova, D.

Inst :

Title : Development of Thermogenesis in Young Pigs.

Orig Pub: Za sots. s.-kh. nauka, 1958, A7, No 1, 73-82.

Abstract: O₂ consumption in 14 young pigs was measured by the Krog method from the day of their birth to the age of 1 month. Up to the age of 6 days the pigs did not react to a lowering of the temperature of the environment from 23 ± 1 degrees to 3 ± 1 degrees with an increased consumption of O₂. With a lowering of the temperature for 30 minutes their body temperature fell about 1.8 degrees. The O₂ consumption with

Card : 1/2

USSR/human and Animal Physiology. Thermoregulation.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93023.

the lowering of the temperature increased only at the age of 9 days, and the development of thermogenesis was more associated with age than with weight. The fall in the body temperature of these young pigs with a lowering of the temperature was considerably less and reached about 0.6 degrees. In pigs at the age of ~20 days the O_2 consumption was significantly raised with a lowering of the temperature, and the body temperature was not changed.

Card : 2/2

CA FORMANDL, A

21

One half century of development in the industry
of benzene and its homologs. Antonín Formandl. *Chem
Průmysl* 1(20), 16-19(1951).—A review. Jan Míčka

1907

FORMANEK, Frantisek

A new method of welding pressed joints. Stroj vyr 10 no. 3:134. '62

1. Zavody Jana Svermy, n.p., Brno.

FORMANEK, Frantisek

Sharpening of tools with various radii on a flat disc by means of a templet. Stroj vyr 10 no.6:320 '62.

1. Zavody Jana Svermy Brno.

FORMANEK, Frantisek, dr.; SPURNY, Milan

Management of enterprises with detached plants. Podn
org 18 no. 3:120-122 Mr '64.

1. Technical and Economic Research Institute of the
Metallurgic Industry and Ore Mines.

The manufacturing of dies. p. 152. TECHNICKA PRAHA. (Statne nakladatelstvo
technickej literatury) Vol. 6, no. 3, Mar. 1954.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

FORMANEK, F.

Production of patterns and counter patterns, p. 360.

STROJIRENSKA VYROBA. Vol. 3, no. 9, Sept. 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

FORMANEK, F.

Measurement of holes. p. 451

TECHNICKA PRACA. Bratislava, Czechoslovakia. Vol. 7, No. 10. Oct. 1955

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

POVIANEK, F.

A devise to prevent damage to the mechanism of an eccentric press. p. 455

TECHNICKA PRACE (Slovenske nakladatelstvo technickej literatury)
Vol. 8, No. 10, Oct. 1956

Bratislava, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

Formanek, F.

Formanek, F. Adjustable gauge for measuring thread. p. 36.

Vol. 5, no. 1, Jan. 1957

STROJIRENSKA VYROBA

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, May 1957

No. 5

POPEANEC, F.

Measuring and measuring instruments. p.253.
(Strojirenska Vyroba, Vol. 5, No. 6, June 1957, Praha, Czechoslovakia)

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

FERMANEK, F.; HEROLD, M.; SPURNY, P.

Some problems of organization in ore-mining enterprises. p. 265.
(RUDY, Vol. 5, No. 8, Aug 1957, Praha, Czechoslovakia)

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

FORMANEK, F.

An instrument for accurate measurement of cartridge chamber
depth. Stroj vyr 9 no.5:236 '61.

FORMANEK, F.

A single purpose machine for nut tapping. Stroj vyr 10 no.2:
99 '62.

1. Zavody Jana Svermy, Brno.

FORMANEK, Frantisek

Apparatus for milling of cam shafts. Stroj vyr 10 no.7:358
'62.

1. Zavody Jana Svermy, n.p., Brno.

FORMANEK, F.; DLEZEK, J.

Use of coke dust in foundries. Slevarenstvi 11 no.5:210
My '63.

FORMANEK, Frantisek

Adjustment of universal measuring microscope. Stroj vyr 12
no.4:285 Ap'64.

1. Zavody Jana Svermy National Enterprise, Brno.

FORMANEK, Frantisek; MARTINEK, J.

Experiences in anodomechanical cutting. Stroj vyr 12 no.6:429
Je '64.

1. Zavody Jana Svermy National Enterprise, Brno.

FORMANEK, Frantisek

Locking of rolling disks on screw dies. Stro| vyr 13 no.2:120
F '65.

1. Zavody Jana Svermy National Enterprise, Brno.

FORMANEK, G.

Recent contributions to the field of blood coagulation;
review. Cesk. pediat. 11 no.4:241-248 Apr 56.

1. Detska Klinika, Bratislava, ved. doc. Dr. Jakubcova.
(BLOOD COAGULATION,
review. (Cs))

FORMANEK, G.

Hemophilia according to recent investigations. Cesk. pediat.
11 no.4:249-255 Apr 56.

1. Detska Klinika, Bratislava, ved. doc. Dr. Jakubcova.
(HEMOPHILIA,
research progr. (Cz))

COUNTRY :
 CATEGORY : General Problems of Pathology. Tumors.
 Experimental Therapy
 ABS. JCUR. : RZhSiol., No. 33 1958, No. 107045
 AUTHOR : Fermanok, G.; Btreak, J.; Blahusickova, Z.
 INST. :
 TITLE : Cytostatic Therapy of Leucosis in Children.

ORIG. PUB. : Bratisl. lekar. listy, 1957, 2, No. 12, 720-727

ABSTRACT : ACTH and cortisone were administered in
 acute leukemia; full remission was obtained
 in a series of cases. The therapeutic effect
 of hormonal preparations is explained by
 their direct action upon the lymphoblastic
 and lymphoid tissues. Antimetabolites (amin-
 opterin and amethopterin, 6-mercaptopurine)
 were also administered with success. In a
 series of cases remissions were obtained by
 a combination of cortisone and therapy
 with aminopterin; therapy with 6-mercap-
 topurine is recommended with the appearance

Card: 1/3

COUNTRY :
CATEGORY :

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ABS. JOUR. : RZhBiol., No. 23 1958, No. 107045

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT :
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refractoriness. Hormonal preparations were administered in large doses (100 mg of ACTH, 400 mg of cortisone or 1 mg/kg of ultracortin daily). Aminopterin in doses of 0.25-0.5 mg was administered to patients after remission was obtained. Aleukemic forms of leucosis did not appear as a contraindication to antimetabolite therapy. Three children suffering from chronic leukemia were submitted to therapy with myleran (0.06 mg/kg daily); in one child remission was obtained, lasting for

CARD: 2/3

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 23 1958, No. 107045

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT :
Cont'd

ten months, in another one-four months. Em-bichine in doses of 0.1mg/kg, 4-6 times daily with 5-7 day intervals, was applied in the treatment of generalized forms of lymphogranulomatosis (a total of three patients). Full remission was obtained in two children for the duration of four years. Bibl. 46 titles.-- A.N.Ivancov.

Card: 3/3

FORMANEK, G.; VĚNAR, H. Dr.

Bone changes in hemophilia. Cesk. roentg. 11 no.2:120-126 June 57.

1. Detska klinika, Bratislava, prednosta doc. Dr. I. Jakubcova.

(HEMOPHILIA, pathol.

bone changes, x-ray (Cz))

(BONE AND BONES, pathol.

in hemophilia, x-ray (Cz))

FORMANEK, G.

Hemophilia and hemophilic states in women. Cas. lek. cesk. 96 no.32:
1001-1007 2 Aug 57.

1. I deteka klinika v Bratislave, prednosta doc. Dr. Jakubcova.
(HEMOPHILIA, case reports
in women (Cz))

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1879. DETERMINATION OF THE THROMBOCYTE COUNT BY THE DIRECT METHOD IN CHILDREN - Stanovenie počtu krvných platničiek priamou metódou u zdravých detí - Formánek G., Birčák J. and Nikš M. I. Detsk. Klín. Lak. Fak. Univ. Komenského, Bratislava - BRATISL. LEK. LISTY 1958, 38(II)/1 (38-41)

By the simplified method of Brecher and Cronkite the thrombocyte count was de-

1879

terminated in 100 healthy children 4 months to 14 yr. of age. No silicon-coating of the material was necessary. The blood sample may be taken either by venepuncture or from a finger tip. The blood, diluted in a blood-count pipette, may be allowed to stand for several hours without the results being altered. The error inherent in this method, if the count is made in 50 fields of Bürker's chamber, is $\pm 4.82\%$. The average values were $273,950 \pm 10,580$ (with extremes of 175,000-360,000). No differences in average values were ascertained for the thrombocyte counts in individual age groups; no relationship of the thrombocyte count with the sex has been established either.

FORMANER, Gustav; KOSOVA, Hilda; CERNOGURSKA, Izabela

Condition of renal function in suppurative diseases of the urinary tract in 15 children. Cesk. pediat. 17 no.7/8:691-693 Ag '62.

1. I. detska klinika Detskej fakultnej nemocnice UK v Bratislave, prednosta doc. dr. I. Jakubcova.

(URINARY TRACT INFECTION) (KIDNEY FUNCTION TESTS)
(PYELONEPHRITIS)

STEINER, J.; FORMANEK, G.; MESKO, Z.; FISCHOVA, A.; CERNY, J.

The "scimitar syndrome" -- right-sided partial subdiaphragmatic transposition of the pulmonary veins. *Cesk. pediat.* 20 no.8: 689-692 Ag '65.

I. I. detska klinika (prednostka prof. dr. I. Jakubcova) a katedra chirurgie detskeho veku (veduci prof. dr. M. Kratochvil, DrSc.) Lekarskej fakulty Univerzity Komenskeho v Bratislave.

FORMANEK, J.

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FORMANEK, J.

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A KERAMIK (Ministerstvo lehkého průmyslu' Praha, Vol. 4, No. 11,
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SOURCE: East European Accessions List (EEAL) Library of Congress,
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FORMANEK, J.

FORMANEK, J. Sine rulers and their use in production and control.
p. 215.

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STROJIRENSKA VYROBA.
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Praha, Czechoslovakia

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FORMANEK, J.; FISCHER, R.; FRANTIKOVA, D.

The frequency of neurotic signs in female telephone and key punch operators. *Activ. nerv. sup.* 3 no.4:412-424 '61.

1. Vyzkumny ustav spoju, Praha (red. inz. F. Bozek) Ustav hygieny prace a chorob z povolani, Praha (red. prof. J. Teisinger)

(OCCUPATIONS AND PROFESSIONS) (NEUROSES statist)

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Making full use of indexes of material incentives in machinery factories. Prace mzda 9 no.10:458-465 0 '61.

1. Pracovníci výrobní hospodářské jednotky, Ceskomoravská-Kolben-Danek, Praha.

(Machinery industry) (Industrial management)

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The strain on higher nervous activity in mechanized and automatized work and the possibility of its examination. Pracovni lek. 13 no.4: 163-168 My '61.

1. Ustav hygieny prace a chorob z povolani, Praha; Vyzkumny ustav spoju, Praha.

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(CENTRAL NERVOUS SYSTEM physiol)

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The critical flicker fusion frequency and the frequency of neurotic manifestations in various occupations. *Activ. nerv. sup.* 4 no.2: 183-184 '62.

1. Vyzkumny ustav spoju, Praha, Ustav hygieny prace a chorob z povolani, Praha.

(FLICKER FUSION) (NEUROSES statist)
(OCCUPATIONS AND PROFESSIONS)

FISCHER, R.; FRANTIKOVA, D.; FORMANEK, J.

Health problems of long-distance telephone operators. Prac. lek.
14 no.10:471-476 D '62.

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof.
dr. J. Teisinger, DrSc. Vyzkumny ustav spoju v Praze, reditel inz.
F. Bozek.

(OCCUPATIONS AND PROFESSIONS)

FORMANEK, J.; DVORAK, J.

Subjective and electroencephalographic responses to weak intermittent optic stimuli. *Activ. nerv. sup. (Praha)* 7 no.2: 174-175 '65

1. Research Institute of Post & Telecommunications, Prague.
2. J. Formanek's address: Praha, Kovrova 2.

SVOJGR, Vojtech; KONIGSMARK, Vaclav; FORMANEK, Jan; CERNY, Vojtech

Gas appliances. Energetika Cz 12 no.7:Suppl.: Energetika 12
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1. Zavody V.I. Lenina.

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9

Action of carbon tetrachloride, trichloroethylene and tetrachloroacetylene on metals.
 JAROMLAV FORMÁNEK. *Chem. Abstr.* 5, 57-9 (56 English) (1930). —In carrying out corrosion tests of CCl_4 on Cu, brass, Ni, Sn, Pb, Al, Zn, Fe and Fe covered with Fe_2O_3 , it has been found that the corrosion during 8 months is so small as to be of no importance to the current practice. No coating of Sn or Pb in tanks, e.g., fire-extinguishing app., is necessary. The effect of trichloroethylene and tetrachloroacetylene on Cu, brass, Sn and Fe covered with Fe_2O_3 , during 8 weeks is more apparent, yet comparatively very small.
 JAROMLAV FORMÁNEK

Common Elements

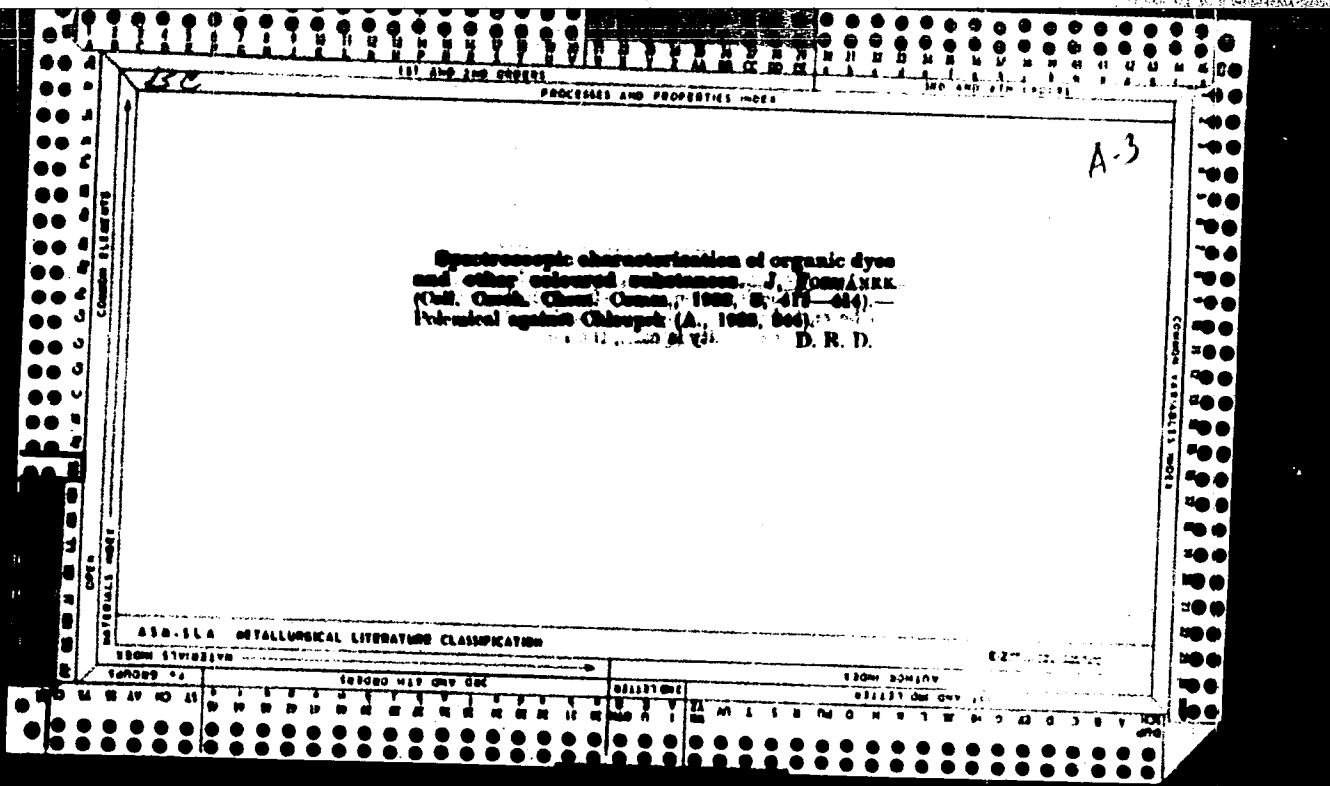
450-31A METALLURGICAL LITERATURE CLASSIFICATION

REGION DIVISION

SUBJECT MATTER DIVISION

CLASSIFICATION

SERIALS DIVISION



PROCESSED AND REPERFORATED

01

Composition of gases of combustion from the alcohol gasoline mixtures at various compression ratios. J. FURMANEK and J. DRYDAK. Chem. Abstr. 5, 107 R, 120 30 (1931) in English (1933).—The compn. of combustion gas from alc. gasoline mixts. detd. for different motor velocities, has been found to be on the whole equal to that of combustion gas from gasoline. Also the temps. are about the same. It is concluded, therefore, that the thermal effect and motor efficiency are equal in both cases. A very incomplete combustion takes place when the motor runs slowly, improving with the speed and being best at 2000 r. p. m. By raising the compression rate from 1:5.5 to 6.0 and 6.5 the combustion is better and the temp. is higher, because of the higher thermal effect, than it is with gasoline at compression ratio 1:5.5. At 6.5 the temp. is slightly lower than at 6.0 and indicates a better utilization of heat. By the action of the elec. spark, oxides of N are formed, considerably more when the motor runs slowly. With increasing speed over 1000 their amt. decreases and almost disappears, and increases again at over 2000. AcOH has not been found in the combustion gas. J. Kufner

ASS. S. A. METALLURGICAL LITERATURE CLASSIFICATION

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SA

Evaluation of automobile oils by the Conradson carbon-residue method. J. Formánek. *Chem. Abstr.* 8, 100, 180-02(192 English summary)(1923).—The amt. of C as detd. by the method of Conradson does not correspond proportionally with the amt. of C deposited in an engine at ordinary compression ratios. Pennsylvania oils yield more C than Texas oils. By increasing the compression ratio, less C is deposited; the deposit is smaller in water-cooled than in air-cooled engines. J. Kučera

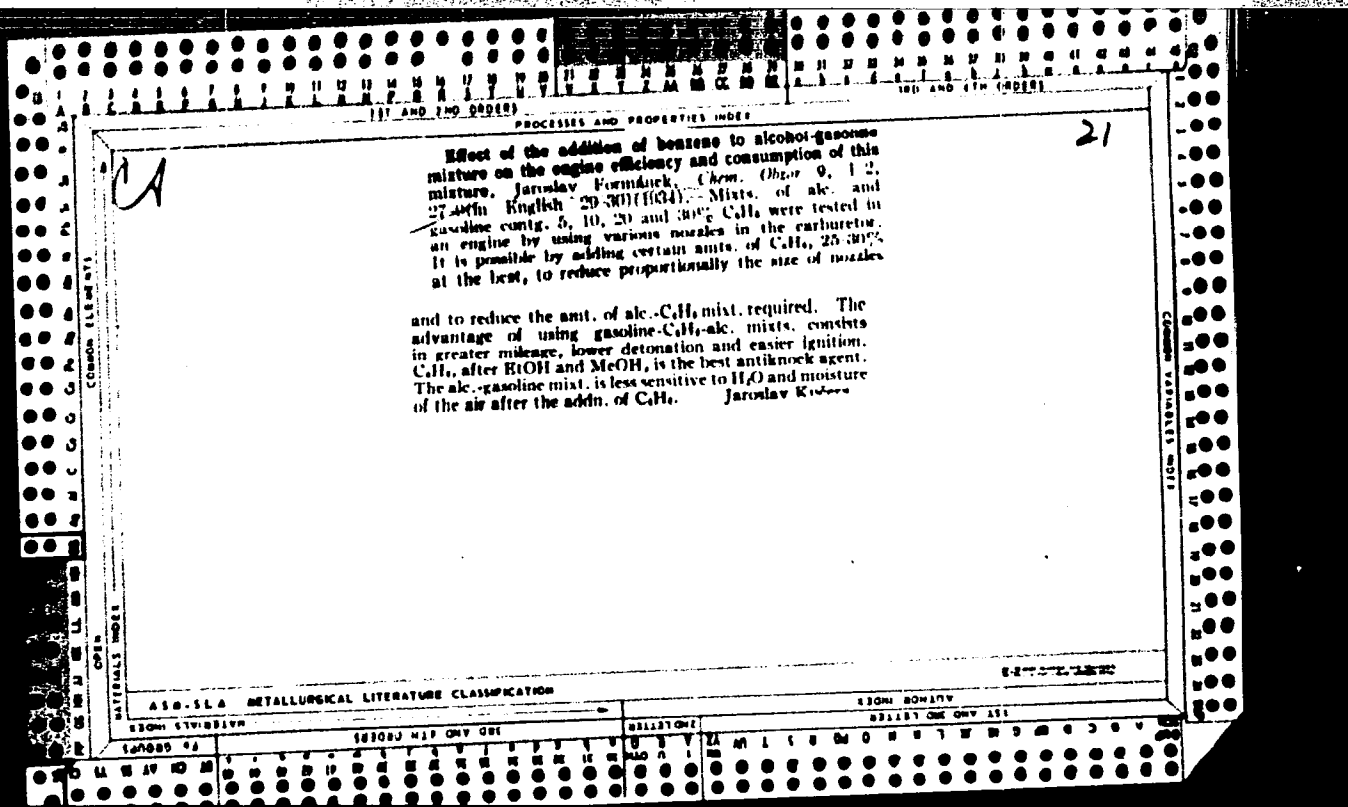
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Ca

Determination of benzene in alcohol gasoline mixture for automobiles. Jaroslav Formánek. *Chem. Abstr.* 0, 41:3 (in English 43) (1934).—Methyl Cells (toluene, xylene) can be detected in alc.-benzene mixt. by algal red H or lacquer red Ciba B. It is detd. (a) by the Hess method, which gives satisfactory results when the liquid is cooled to 0° during the reaction; (b) by freezing out the mixt. at -80°; (c) by detg. the boiling point according to Tizard and Marshall and (d) by sulfonation with concd. H₂SO₄ (sp. gr. 1.84), which gives unsatd. hydrocarbons, and sulfonating the second portion with a mixt. of 80% H₂SO₄ (1.84) and 20% fuming H₂SO₄ (80%). J. K.

METALLURGICAL LITERATURE CLASSIFICATION

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CR

Solidification point, starting point of liquefaction of motor fuels and their viscosity at lower temperatures. Jaroslav Formanek. Chem. Abstr. 9, 61-3, 81-2 (82-3 in English) (1934).-- Official and current methods for detn. of solidification point of various motor fuels were examd. Conclusion: For a better evaluation and differentiation of automobile and airplane fuels detn. of starting point of liquefaction and viscosity is required in addn. to the detn. of solidification point. J. Kubera

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AS - 11 A METALLURGICAL LITERATURE CLASSIFICATION

AS - 11 A METALLURGICAL LITERATURE CLASSIFICATION

AS - 11 A METALLURGICAL LITERATURE CLASSIFICATION

CA

7

The course of leaching of roasted zinc concentrate. J. Formánek, and A. Tockstein. *Chem. Listy* 43, 33-8 (1949).—A concentrate obtained from a low-grade sphalerite by flotation was roasted and leached with HCl. The aim was to est. the max. amt. of Zn with min. amts. of Fe and Cu. The optimum conditions are roasting the ore at 300° and leaching with 20% HCl. Mechanism of the reaction of Zn ore during roasting is formulated mathematically. M. Hulický

FORANEY, J.

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Vol. 4, No. 8, Aug. 1956.

VIETNAM.

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

FORMANEK, J.

Basic physical properties required for briquetting lignite.
Paliva 41 no.9:367-371 S '61.

HORVATH, M.; FORMANEK, J.

Experience with the introduction of a standard procedure in working out of conditioned reflexes and use of examinations of type qualities of higher nervous activity in rats for purposes of industrial toxicology. Pracovni lek. 6 no.6:336-346 15 Nov 54.

1. Ustav higieny prace a chorob z povolani, prednosta: prof. Dr. J. Teisinger

(REFLEX, CONDITIONED

in rats, introduction of standard procedure, & exam. of higher nervous activity, for purposes of indust. toxicol.)

(CENTRAL NERVOUS SYSTEM, physiology

higher nervous funct. in rat, exam. of type quality for purposes of indust. toxicol., standard procedure in working out of conditioned reflexes)

(INDUSTRIAL HYGIENE

toxicol., use of experience of exam. of higher nerv. funct. in rats by standard procedure in working out of conditioned reflexes)

CHEN, Jaroslav; HORVATH, Milan

Effect of chronic exposure of trichlorethylene on higher nervous activity in mice. Pracevni lek. 9 no.1:39-44 Mar 57.

1. Ústavy hygieny práce a chorob z povolání v Praze, oddělení fyzikální a vnitřní nervové činnosti.

(TRICHLOROETHYLENE, pois.

exper. eff. on cerebral cortex of long-term exposure (1957)

(CEREBRAL CORTEX, eff. of drugs on

long-term exposure to trichlorethylene in mice (637)

FORMANEK, Jaroslav

Transmarginal inhibition after trichloroethylene poisoning in rats.
Pracovní lek. 9 no.6:518-524 Dec 57.

1. Ústav hygieny práce z chorob z povolání v Praze, oddělení fyziologie
vyšší nervové činnosti.

(REFLEX, eff. of drugs on
trichloroethylene in rats (Cz))
(TRICHLOROETHYLENE, pois.
eff. on transmarginal inhib. in rats (Cz))

CZECHOSLOVAKIA

FORMANEK, J.; [Affiliation not given]

"Work Physiology Primarily REGARDing the Central Nervous System Strain as Illustrated at the 22th International Congress of Physiological Sciences in Leyden 1962."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 320-321.

Abstract : Report on this 8-day meeting in September 1962; 23 symposia and 1269 papers; about 2500 participants including 50 from Czechoslovakia; five papers are reviewed in some detail and another 3 are mentioned briefly.

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ACC NR: AP6005663

SOURCE CODE: CZ/0079/65/007/002/0174/0175

AUTHOR: Formanek, J.; Dvorak, J.

JJ
B

ORG: Research Institute of Post and Telecommunications, Prague

TITLE: Subjective and electroencephalographic responses to weak intermittent optic stimuli [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 174-175

TOPIC TAGS: EEG, light biologic effect

ABSTRACT: The authors proved experimentally that weak intermittent optical stimuli caused EEG reactions; the reactions were not caused by undesirable electrical couplings. They have a specific frequency, and are not caused by broad band activation or inhibition of the EEG. [JPRS]

SUB CODE: 06, 05 / SUBM DATE: none

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