

FIEDOROWICZ, Irena; LAPIS, Janusz; SEBASTYANSKI, Tadeusz

Effect of balneotherapy on serum proteins in rheumatic patients in Polczyn Spa. Pol. tyg. lek. 17 no.28:1106-1108 9 J1 '62.

1. Z II Kliniki Chorob Wewnętrznych PAM w Szczecinie i z Ośrodka Klinicznego w Polczynie--Zdroju; kierownik prof. dr. med. Edward Gorzkowski.

(RHEUMATISM)

(BLOOD PROTEINS)

(BALNEOLOGY)

GORZKOWSKI, Edward; FIEDOROWICZ, Irena; SZYMANSKA, Hanna; SLIWINSKA, Halina;  
przy wspoludziale laborantki MATUSZEWSKIEJ, Marii

Studies on the protein metabolism in liver cirrhosis. Pol. arch.  
med. wewn. 32 no.10:1233-1242 '62.

1. Z II Kliniki Chorob Wewnętrznych PAM w Szczecinie Kierownik: prof.  
dr med. E. Gorzkowski i z Centralnego Laboratorium PSK Nr 1 w Szczecinie  
Kierownik: lek. med. H. Sliwiska.

(LIVER CIRRHOSIS)

(BLOOD PROTEINS)

FIEDOROWICZ, Irena, NIECZAJEW, Andrzej

Clinical forms of ankylosing spondylitis. Roczn. Pom. akad.  
med. Swierczewski 10:397-418 '64.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej Akademii  
Medycznej (Kierownik: prof. dr Edward Gorzkowski).

FIEDOROWICZ, Kazimierz (Warsaw)

Problems of border load carrying capacity of concrete pavements in the light of damages observed in situ and in models. Archiw inz lad 10 no.3:307-321 '64.

FIEDOROWICZ-FABRYCY, Irena

Diphenylamine and pseudocholinesterase tests in the evaluation of dynamics of inflammatory forms of rheumatic diseases. Roczn. pom. akad. med. Swierczewski 11:429-448 '65.

1. Z II Kliniki Chorob Wewnetrznych Pomorskiej Akademii Medycznej (Kierownik: prof. dr. med. Edward Gorzkowski).

KRZEWINSKI, Zbigniew, mgr inz.; FIEDOT, Ludomir, mgr inz.

Technical development in the construction of paper machines.  
Przepl techn [84] nr 44:5-6 4 N '62.

**"APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000413010018-3**

**APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000413010018-3"**

FIEFLER, F.

Facing panels with color surfaces. p. 656

POZEMNI STAVBY (Ministerstvo stávkbnictví) Praha, Czechoslovakia, Vol.  
7, no. 12, 1959

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

Uncl.



SZYMAKOWSKI, Jan, mgr., inż.; FIEGA, Marian, mgr., inż.

Welding of tool joints with drilling pipes. Nafta Pol 16 no.2:  
35-40 '60.

1. Instytut Naftowy, Krakow.

WOLWOWICZ, Ryszard, mgr inz.; FIEGA, Marian, mgr inz.; MOSINGIEWICZ,  
Eugeniusz, mgr inz.

Screwing of tool joints on drill pipes after previous warming and  
reinforcement of the joint by weld. Prace inst naft no.74:1-12  
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FIEGER, GH.

TECHNOLOGY

Periodicals: CELULOZA SI HIRTIE. Vol. 7, no. 6, June 1956

FIEGER, GH. Devices for reed harvesting; present conditions, and prospects.  
p. 259.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

FIEGER, Gh.

Comparative experimentations with the equipment for mechanized harvesting and transportation of reed in the 1958-1959 campaign. p. 208.

CELULOZA SI HIRTIE. (Asociatia Stintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Petrolului si Chimie) Bucuresti. Vol. 8, no. 7, July 1959.

Monthly List of East European Accessions (EEAI) L C, Vol. 9, no. 2, <sup>FEB</sup> 1960

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FIEGER, GH.

Reed Paling. p. 281.

CELENOZA SI NIRMIS. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si Ministerul Industriei Petrolului si Chimie) Bucaresti, Rumania. Vol. 8, no. 9, Sept. 1959.

Monthly List of East European Accessions (EPAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

*FIEHMAN, J.*

-CZECHOSLOVAKIA/Fitting Out of Laboratories. Instruments. F.  
Their Theory, Construction, and Use.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28596

Author : Fichman, J.

Inst :

Title : A Gas Detector.

Orig Pub : Chen Prumysl, 7, No 11, 605-606 (1957) (in Czech with summaries in English and Russian)

Abstract : A device has been developed for the detection of gases; the device (catharometer) is based on the indirect determination of the thermal conductivity or on the comparison of the thermal conductivities of two different gases. The detector can be used for the determination of the concentrations of two gases of sufficiently differing thermal conductivities over a wide range. The device is relatively simple in design, safe, and cheap to manufacture. When the detector is combined with an appropriate

Card 1/2

*Z*

Card 2/2

FIELDLER, M.; BABUSKA, I.

Systems of linear equations applied to structural ~~franss~~. In German. p. lhl

APLIKACE MATEMATIKY (Ceskoslovenska akademie ved. Matematicky ustav)  
Praha, Czechoslovakia

Vol. 4, no. 6, 1959

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Uncl.

REHOR, Jan; BARTOS, Vladimir; FIEDLEROVA, Dagmar

Electrocardiographic changes in acute and chronic recurrent pan-  
creatitis. Cas.lek.cesk 100 no.4:119-125 27 Ja '61.

1. I.interni klinika lekarske fakulty KU v Hradci Kralove, prednosta  
prof. MUDr. Jan Rehor.

(PANCREATITIS diag) (ELECTROCARDIOGRAPHY)



FIERARU, Ion

Worker specialization, the base of the section successes. Constr  
Buc 15 no.722:4 9 N '63.

1. Secretarul comitetului sindicatului intreprinderii de  
prefabricate "Progresul", Bucuresti.

FIERASCU, I

FIERASCU, I. Real support of trade-union organs in agricultural work centers in the Timisoara region. p. 2.

297, Sept.  
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CONSTRUCTORUL  
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

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"Prefabricated Plates and arcs in construction of the Casa Scanteii Polygraphic Combine."  
p. 37 (Industria Constructiilor Si A Materialelor de Constructii, Vol. 2,  
No. 10/11, Oct./Nov., 1951, Bucuresti)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.  
1954, Uncl.

SAIM, A.; SCOURCI, E.; FIERBINZIANOU-FILIMON, M.; FRULING, M.;  
NETEDOU, N.S.; RADOVITCH, P.

Is it necessary to use large doses of isoniazid in the treatment  
of tuberculosis in children? Probl.tub. 38 no.1:56-60 '60.  
(MIRA 13:10)

(ISONICOTINIC ACID) (TUBERCULOSIS)

FIRICH, JERZY.

Nauki rolnicze w szkołach srednich Komisji Edukacji Narodowej. Krakow, Nakl. Polskiej Akademii Umiejetnosci, 1950. 151 p. (Polska Akedemie Umiejetnosci Archiwum Komisji do Dziejow Oswiaty i Szkolnictwa w Polsce, nr. 8) /Agricultural sciences in the general schools of the Commission of National Education. footnotes, index/

East European Vol. 3, No. 3  
SO: Monthly List of Russian Accessions, Library of Congress, March <sup>4</sup> 1950, Uncl.

FIERLA, Jan, inz.

Head of the engines of the CD22 family. Biul techn Cegielski 6  
Special issue: 28-31 '62.

GHIPS, Melania; SANDULESCU, D.; HERSCOVICI, J.; FIGROIU, Victoria; SPINTESCU, G.; FRUCHTER, Natl

Documentation methods for technical and scientific chemical research. Rev chimie Min petr 15 no.12:745-753 D '64.

1. Submitted April, 1964.

CEAUSESCU, Elena; BITTMAN, Silvia; FIEROIU, Victoria; FLORESCU, Izabela;  
IVASCU, Cornelia

Influence of impurities in the monomer in the stereospecific  
polymerization of the isoprene. Rev chimie Roum 10 no.3:293-  
299 Mr '65.

1. Chemical Research Institute of the Ministry of Petroleum and  
Chemical Industry, Bucharest. Submitted July 28, 1964.



CEAUSESCU, Elena; BITTMANN, Silvia; FIEROIU, Victoria; FLORESCU, Isabela;  
IVASCU, Cornelia

Influence of the impurities in the monomer in the stereospecific  
polymerization of the isoprene. Studii cerc chim 14 no.3:271-  
277 Mr '65.

1. Institute of Chemical Research, Bucharest, 202 Splaiul  
Independentei. Submitted July 28, 1964.

FIERZ, Markus, red.; PUZIKOV, A.A. [translator]; SAZYKIN, A.A.  
[translator]

[Studies on automatic control, remote control, and measuring engineering] Nauchnye raboty po avtomatike, telemekhanike i izmeritel'noi tekhnike; annotirovannyi spravochnik za 1951-1961 gg. Kiev, Izd-vo Akad. nauk USSR, 1961. 71 p. Translated from the English. (MIRA 16:4)

1. Akademiya nauk URSR, Kiev. Instytut mashynoznavstva ta avtomatyky, Lvov.

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(Bibliography--Remote control)

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Urządzenia selektorowe typu Western Electric. Warszawa, Wydawn.  
Komunikacyjne, 1955. 87 p. (Biblioteka teletechnika kolejowego,  
nr. 5)

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

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FIETT, W. ; MAKALA, A. A new MB dispatcher's board. p. 79

Vol. 8, no. 3, Mar. 1956  
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TECHNOLOGY  
Warszawa, Poland

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

FIETZ, T.

HUNGARY/Magnetism - Diamagnetism. Paramagnetism.

F-3

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 22984

Author : ~~Fiatz T.~~  
Inst : University of Lodz, Poland  
Title : On the Diamagnetism of the Thomas-Fermi Ion.

Orig Pub : Acta phys. Acad. sci. hung., 1957, 7, No 4, 427-431

Abstract : The author derives a simple approximate formula for the diamagnetism of free positive ions. The accuracy of this formula is checked by comparing the values calculated with his formula with the exact numerical values of Fermi. One of the further examples of the accuracy of this formula is the calculation of the diamagnetic susceptibility of the Thomas-Fermi ion as a function of the atomic numbers and of the valence of the ions. The experimental results on the susceptibility of the ions of alkali and alkali-earth metals is in good agreement with the theory.

Card : 1/1

SOLOVEYCHIK, Arkadiy Iosifovich; SAMOYLOV, G.P., otv. red.;  
FIFAYEVA, M.N., red.

[Handbook for television owners] Spravochnik telezritelia.  
Moskva, Izd-vo "Sviaz'," 1964. 62 p. (MIRA 17:6)

BURES, J.; FIFKOVA, N.; MARSAIA, J.

Properties of spreading EEG depression in pigeons. Cesk. fysiол. 7 no.5:  
439-440 Sept 58.

1. Fysiologicky ustav CSAV, Anatomicky ustav lek. fak. K.U., Praha.  
(CEREBRAL CORTEX, physiол.  
spreading depression in pigeons (Cz))

MONAKHOV, K.K.; FIFKOVA, E.; BURES, J.

Vertical distribution of the slow potential change of spreading depression in the cerebral cortex of the rat. *Physiol. Bohemoslov.* 11 no.4:269-276 '62.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague;  
Institute of Higher Nervous Activity, USSR Academy of Sciences, Moscow.  
(CEREBRAL CORTEX)



BURESOVA, O.; BURES, J.; FIFKOVA, E.

Analysis of the effect of cortical spreading depression on the activity of reticular neurones. *Physiol. Bohemoslov.* 11 no.5: 375-382 '62.

1. Institute of Physiology, Czechoslovak Academy of Sciences Prague.  
(CEREBRAL CORTEX) (RETICULAR FORMATION)

BURESOVA, O.; RUDIGER, W.; BURES, J.; FIFKOVA, E.

The role of the hypothalamic drinking centre in unconditioned and conditioned control of water intake. *Physiol. Bohemoslov.* 11 no.6:492-496 '62.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.  
(HYPOTHALAMUS) (REFLEX CONDITIONED) (REFLEX)

WEISS, T.; FIPKOVA, E.

The effect of neocortical and caudatal spreading depression  
on "circling movements" induced from the caudate nucleus.  
Physiol. Bohemoslov. 12 no.4:332-338 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague.

(CAUDATE NUCLEUS) (CEREBRAL CORTEX)  
(BRAIN ELECTROPHYSIOLOGY) (BEHAVIOR)  
(LOCOMOTION)

BURESOVA, O.; SHIMA, I.; BURES, J.; FIFKOVA, E.

Unit activity in regions affected by the spreading depression.  
Physiol. Bohemoslov. 12 no.5:488-494 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague.

(GANGLIA, BASAL) (CEREBRAL CORTEX)  
(NEURONS) (ELECTROPHYSIOLOGY)

BURESOVA, O.; FIFKOVA, E.; ROSS, R.B.

The effect of thalamic spreading depression on acquisition and consolidation of the passive avoidance reaction in rats. *Activ. nerv. sup. (Praha)* 7 no.2:162-163

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague; University of the Pacific, Department of Psychology, Stockton 4, California U.S.A. 2. O. Buresova's address: Praha 6, Flemingovo nam. 2.

FIFKOVA, E.

Spreading EEG depression in the neo-, paleo- and archicortical structures of the brain of the rat. *Physiol. Bohemoslov.* 13 no.1:1-15 '64.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

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EURESOVA, O.; EURES, J.; HASSMANNOVA, J.; FIFKOVA, K.

The effect of decreased body temperature on conditioned reflex activity in the rat. *Physiol. Bohemoslov.* 13 no.3:220-226 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague, Institute of Experimental Pathology, Charles University, Plzen.

BURESOVA, O.; MARUSYEVA, A. M.; BURES, J.; FIFKOVA, E.

The influence of cortical spreading depression on unit activity in the colliculus inferior of the rat. *Physiol. Bohemoslov.* 13 no.3:227-235 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague, and Institute of Physiology, Academy of Sciences of USSR, Leningrad.



WEISS, T.; FIFKOVA, E.

Sleep cycles in mice. *Physiol. Bohemoslov.* 13 no.3:242-245 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague.

TOLKUNOV, B.; BURESOVA, O.; BURES, J.; KUZNETSOVA, G.; FIFKOVA, E.

Use of spreading depression in study of relationships between the cerebral cortex and the striatum in rats. *Physiol. Bohemoslov.* 14 no.3:253-260 '65

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague. Institute of Evolutionary Physiology, Academy of Sciences of the U. S.S.R., Leningrad; Institute of Higher Nervous Activity and Neurophysiology, Academy of Sciences of the U.S.S.R., Moscow.

FIFKOVA, E.

Development of spreading depression during ontogenesis in the rat. *Physiol. Bohemoslov.* 13 no.3:263-267 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

L 12952-66

ACC NR: AP6005653

SOURCE CODE: CZ/0079/65/007/002/0162/0163

AUTHOR: Buresova, O.; Fifkova, E.; Ross, R. B.

ORG: Institute of Physiology, Czechoslovak Academy of Sciences, Prague; Department of Psychology, University of the Pacific, Stockton, California

TITLE: Effect of thalamic spreading depression on acquisition and consolidation of the passive avoidance reaction in rats [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, 162-163

TOPIC TAGS: rat, behavior pattern, brain potassium chloride, cerebral cortex

ABSTRACT: The authors studied the effect of spreading thalamic depression on acquisition and consolidation of the passive avoidance reaction (PAR) established by a single reinforcement. Experimental animals were injected with 1 ml of 25% KCl into the right thalamus, and 90 seconds later received a painful shock. Acquisition of PAR was not impaired. When the animals were subjected to a unilateral functional decortication of the right hemisphere, acquisition of the PAR was impaired. Unilateral cortical spreading depression alone did not interfere with PAR acquisition. Thalamic SD did not interfere with consolidation of

PAR. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002

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CZECHOSLOVAKIA

FIFKOVA, E: Physiological Institute, Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV), Prague.

"The Influence of Thalamic Expanding Depression on Visual Responses."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 112

Abstract: The influence of thalamic expanding depression (TED) on evoked responses in colliculus rostralis and the prevention of TED from entering the corpus geniculatum laterale by mechanical lesions was investigated in rats. 3 Czech references. Submitted at "16 Days of Physiology" at Kosice, 28 Sep 65.

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FIFKOVA-FISCHEROVA, E.; MARSALA, J.

Archicortex of the cat (*Felis domestica*). Cs morfologie 8 no.3:  
195-214 '60. (EKAI 9:10)

1. Anatomicky ustav fakulty vseobecneho lekarstvi Karlovy  
university v Praze, Prednosta prof. MUDr et RNDr. L.Borovansky.  
(CEREBRAL CORTEX)

FIGA, Ryszard

A local circle of the Association of Engineers and Technicians  
of the Chemical Industry in the Chemical Works in Krzywald.  
Przem chem 42 no.6:331 Je '63.

"The breadth and occurrence of ranch borders (linea p. p. p. p.) in the text are similar to description."

4.3" (Caption in text, vol. 13, no. 1, par. 17, 18th, 19th, 20th, 21st)

Text in Table of Contents: (11) 1, vol. 1, no. 1, 1917



LEMONI, Mich; FIGALA, Jiri

Perforation of the interventricular septum diagnosed in vivo.  
Vnitřní lek. 11 ro.9:904-907 s 165.

1. Vnitřní oddělení nemocnice s poliklinikou Trinec-Soos  
(produkováno M.Dr. Jiri Figala).

FIGANOV, Ivan Semenovich; KOPTEKOVA, L.A., red.; NOVOSELOVA, V.V.,  
tekh.red.

[School equipment for mechanical engineering; eighth grade]  
Uchebnoe oborudovanie po mashinovedeniiu (VIII klass).  
Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1959. 126 p.

(MIRA 14:1)

(Mechanical engineering--Study and teaching)

ZHIDELEV, Mikhail Aleksandrovich, starshiy nauchnyy sotr.; BEL'BURT, B.Ye.; PROTASOVSKIY, G.A.; FIGANOV, I.S.; Primalni uchastiy: KOVAL'SKIY, M.I.; SANDOMIRSKIY, I.G.; GIMRANOV, M.V.; TSIKALOV, V.A., red.; POLUKAROVA, Ye.K., tekhn. red.

[Secondary school production training in mechanical engineering]  
Proizvodstvennoe obuchenie v srednei shkole po mashinostroitel'-  
nym professiiam; metodicheskoe posobie dlia prepodavatelei i in-  
struktorov proizvodstvennogo obucheniia. Pod red. M.A.Zhideleva.  
Moskva, Izd-vo APN RSFSR, 1962. 141 p. (MIRA 15:12)  
(Technical education)

CZECHOSLOVAKIA

JERMAN, Z; FIGAR, J

Research Institute for Inorganic Chemistry, Usti nad  
Labe (for both)

Prague, Collection of Czechoslovak Chemical Communications,  
No 3, March 1966, pp 1214-1221

"Irreversible change in the volume of sulfuric acid  
solutions of tetravalent titanium."

FIGAR, Stepan, MUDr

Rapid diagnosis of cerebral tumors with the aid of smears. Cas.  
lek.cesk. 91 no.30:873-877 25 July 52.

1. Z Ustavu pro vyzkum mozku.  
(BRAIN, neoplasms,  
diag., cytol. technic)

FEJAR, J.

"A Plethysmograph With Mechanical Transmission." p. 37. (Casopis Lekaru Ceskych.  
Vol. 93, no. 2, Jan. 1954. Praha).

SO: Monthly List of <sup>East European</sup> ~~Soviet~~ Accessions, Library of Congress, June 195<sup>4</sup>, Uncl.

FIGAR, S.

Plethysmographic investigation of reactivity of the cardiovascular system to mental work. Cesk. fysiolo. 4 no.1:24-30 28 Feb 55.

1. Laborator vyssi nervove cinnosti Cs. akademie ved, Praha.  
(PLETHYSMOGRAPHY,  
eff. of ment. work)  
(WORK, effects,  
on plethysmography, ment. work.)

FIGAR, S.

Plethysmographic method of investigation of cardiovascular reactions in mental work. Chekh.fiziol. 4 no.1:54-61 1955.

1. Laboratorija vysshei nervnoi deiatel'nosti CHSAN, Praga.  
(PLETHYSMOGRAPHY,  
in ment. work)  
(THINKING, physiology,  
plethysmography in ment. work)  
(BRAIN, physiology,  
plethysmography in ment. work)



FIGAR, S.

Ink in mechanical registration. Cesk. fysiол. 4 no.2:  
213-215 May 55.

1. Laborator vyssi nervove cinnosti CSAV.  
(PHYSIOLOGY,  
ink in mechanical registration)

FIGAR, Stefan, MUDr

Linear mechanical registration of volume changes in plethysmography.  
Cas. lek. cesk. 44 no.11:269-274 11 Mar 55.

1. Laborator vyssi nervove cinnosti Cs. akad. ved. Praha.  
(PLETHYSMOGRAPHY  
linear mechanical registration of volume changes)

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Nervous System. Higher Nervous Activity. Behaviour.

Abs Jour: Ref Zhur-Biologiya, No 21, 1958 97917

Authc : Dostalek, C.; Figar, S.

Inst : ~~Not given~~ *Research Lab of Higher Nervous Activity, C. Acad Sci*

Title : Conditioned Reflexes Overlapping in Man and Chimpanzee

Orig Pub: Physiol. Bohemosl., 1956, 5, Suppl., 7-9

Abstract: In 17 humans (11-64 years of age) positive conditioned reactions (Constriction of vessels, changes of CGR (cutaneous galvanic reflex) and respiration, inhibition of rhythm on EEG) and differentiations to them were produced. On 4 chimpanzees,

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*FIGAR, Š.*  
EXCERPTA MEDICA Sec.2 Vol.9/11 Physiology, etc. Nov56

5126. FIGAR Š. \*Elektropneumatický kardiograf. The electropneumatic cardiograph ČAS. LÉK. ČES. 1956, 95/19 (511-518) Graphs 3 Illus. 5

Detailed description of a simple and precise apparatus for pulse frequency recording. A specially designed ink-writing linear volume recorder of the author (Čas. Lék. čes. 1955, 94, 269) (double cylinder) is inflated by the continuous air flow which is interrupted by each pulse, thus allowing the recorder to return periodically to the zero level. The interruption of the air flow is accomplished by disconnecting the current to a small electric pump, the contact being activated by suitable means, e. g. directly by a pelote, or by a plethysmograph, by the amplified electrocardiogram etc. In the resulting record the duration of each pulse interval is shown as the ordinate height and the pulse frequency as the envelope of these ordinates.

Holubář - Prague

CZECHOSLOVAKIA / Human and Animal Physiology. Nervous System, Higher Nervous Activity, Behavior. T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102265.

Author : Dostalek, C.; Figar, S.

Inst : Not given.

Title : On the Problem of Formation of a Conditioned Reflex When an Unconditioned Stimulus Preceded the Conditioned. II. Conditioned Respiratory Reflexes Developed in Precedence to an Unconditioned Stimulus to a Conditioned Stimulus in Man.

Orig Pub: Casop. lekaru ceskych, 1957, 96, No 1, 13-16.

Abstract: When the unconditioned stimulus (insufflation of air into the nose or stimulation of the skin of forearm with current) preceded the unconditioned (flaring of the lamp twice) by 3 sec., conditioned-  
Laborator vyssi nervove cinnosti CSAV, Praha

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CZECHOSLOVAKIA / Human and Animal Physiology. Nervous System. Higher Nervous Activity. Behavior. T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102266.

Author : Dostalek, C.; Figar, S.

Inst : Not given.

Title : On the Problem of the Formation of a Conditioned Reflex When an Unconditioned Stimulus Preceded the Conditioned. III. Conditioned-Reflex Changes of the Electric Resistance of Human Skin.

Orig Pub: Casop. lekaru ceskych, 1957, 96, No 1, 16-17.

Abstract: Conditioned-reflex oscillations of the electric resistance of the skin was observed in 16 humans starting with the 3rd-11th application of unconditioned (electrodermal) stimulus, which preceded the conditioned (lighting the lamp twice) by 2-3

Laborator vyssi nervove cinnosti Cs, Akademie VV ved, Praha.

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FIGAR, S.

DOSTALEK, G.; FIGAR, S.

Backward conditioning. 4. Backward conditioning in chimpanzees.  
Cas. lek. cesk. 96 no.2:50-52 11 Jan 57.

1. Laborator vyssi nervove cinnosti CSAV, Praha.  
(REFLEK, CONDITIONED  
backward conditioning in chimpanzees (Cz))

FIGAR, S.

Considerations on the so-called cutaneous galvanic reflexes in man.  
Cesk. fysiол. 7 no.3:181-182 May 58.

1. Laborator grafickych vysetrovacich method CSAV, Praha.  
(REFLEX, PSYCHOGALVANIC,  
(Cz))



FIGAR, Stepan; STAHY, Oldrich

Results of polyrheographic examination of disturbances in sensory afferentation. Cesk. neur. 21 no.6:382-392 Nov 58.

1. Laborator grafickych vysetrovacich metod CSAV Praha, prednosta akademik Vilem Laufberger Neurologicka klinika Karlovy university, prednosta akademik Kamil Henner.

(INTERVERTEBRAL DISK DISPLACEMENT, physiol.

electrical skin resist. reaction after section of sensitive nerve roots (Cz))

(REFLEX, PSYCHOGALVANIC

electrical skin resist. reaction after section of sensitive spinal nerve roots in intervertebral disk displacement (Cz))

(NERVES, SPINAL, physiol.  
same)

17(8)

SOV/25-59-6-32/49

AUTHOR: Figar, S. Doctor of Medical Sciences (Czechoslovakia)

TITLE: Technology to Medicine

PERIODICAL: Nauka i zhizn', 1959, Nr 6, pp 68-69 (USSR)

ABSTRACT: This is an illustrated description of 4 new medical devices designed by the author, and exhibited at the World Exhibition in Brussels where they were awarded "Grand Prix": the "bronchoskop", the "defibrillator", the "pletismograph", and the "Chirex-Unit". There are 4 photos.

Card 1/1

FIGAR, Stepan

Investigation of peripheral vascular diseases with a polyrheo-  
graphic method. Cas. lek. cesk. 98 no.29-30:903-909 17 July 59

1. Laborator grafickych vysetrovacich metod CSAV. .  
(VASCULAR DISEASES, PERIPHERAL, diag.)

FIGAR, Stepan

Relation of the reactions of peripheral vessels to reflex changes  
in electrical skin resistance in man. Cas. lek. cesk. 98 no.29-30:  
909-915 17 July 59

1. Laborator grafickych vysetrovacich metod Ceskoslovenske akademie  
ved, Praha

(VASCULAR DISEASES, PERIPHERAL, diag.)

FIGAR, Stepan

Spontaneous plethysmographic waves, the so-called zero curves and possibilities of standardization of plethysmograms. Cas. lek. cesk. 98 no.29-30:916-920 17 July 59

1. Laborator grafických vysetrovacich metod CSAV - Praha.  
(PLETHYSMOGRAPHY)

CZECHOSLOVAKIA

O. STARY, S. FIGAR, M. TUHACEK, D. KREJCI, V. HLADKA and J. VYMAZAL, Neurologic Clinic of the Faculty of General Medicine of Charles University (Neurologicka klinika fakulty vseobecneho lekarstvi KU [Karlove Universita],); Head (prednosta) Academician K. HENNER; and Physiology Institute of the Czechoslovak Academy of Sciences (Fyziologicky ustav CSAV [Ceskoslovenska akademie vied],), Chief (reditel) Prof Dr Z. SERVIT; Prague.

"Acupuncture in Discogenic Radicular Affections and Polyrrheographic Reactions of Involved Segments."

Prague, Ceskoslovenska Neurologie, Vol 26, No 2, 1963; pp 104-111.

Abstract [English summary modified]: An attempt to evaluate scientifically acupuncture whose "undeniable" successes (especially in trigeminal neuralgia and discopathies) one of the authors saw during a recent study trip in Red China; 42 patients with discogenic radicular syndromes involving primarily L5 and S1 were treated with an average of 3 applications on the points prescribed by traditional Chinese medicine; clinical evaluation of results was supplemented by polyrrheographic and skin temperature change

1/2

FIGAR,S.; STARY,O.; HLADKA,V.

Changes in vasomotor reflexes in painful vertebrogenic syndromes. Cesk. neurol. 26 no.6:353-360 N°63.

1. Fyziologicky ustav CSAV v Praze (reditel prof. dr. Z.Servit, DrSc., a Neurologicka klinika fakulty vseobecneho lekarstvi KU v Praze (prednosta akad. K.Henner).

\*

FIGAR, S.; DOLEZAL, A.

On changed vasomotor reactivity in pregnancy. *Activ. nerv. sup.*  
6 no.1:80-81 '64.

\*

FIGAR, S.; STARY, G.; HLAPKA, V.

Changes in vasomotor reflexes in painful vertebrogenic syndromes.  
Rev. Czech. med. 10 no.4:238-246 '64.

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague (Director: Prof. Z. Servit, M.D., DSc.) and Department  
of Neurology, Faculty of General Medicine, Charles University,  
Prague (Director: Academician K. Henner).



STARY, O.; FIGAR, S.; ANDELOVA, E.; HLADKA, V.; JANSKY, M.; KALVODOVA, E.

Analysis of disorders of vasomotor reactions in lumbosacral syndromes. *Gesk. neurol.* 27 no.4:214-218 JI'64

1. Neurologická klinika fakulty všeobecného lékařství KU [Karlovy university] v Praze (prednosta: akademik K. Henner) a Fyziologický ústav CSAV [Československé akademie věd] v Praze (reditel: prof. dr. Z. Servit).

BAUER, J.; BERKOVA, L.; DRAGOMIRESKY, A.; FIGAR, S.; KUCERA, J.; NAVAROVA, I.;  
PFEIFFER, J.; SUSSOVA, J.

Objective evaluation of polyelektromyographic methods for kin-  
e-  
ziological examination of the spine. Cesk. neurol. 27 no.4:  
224-228 J1'64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU (Kar-  
lovy university) v Praze (prednosta: akademik K.Henner); Biologicky  
ustav fakulty vseobecneho lekarstvi KU v Praze a Fyzilogicky ustav  
CSAV [Ceskoslovenske akademie ved] v Praze ( reditel: prof. dr.  
Z.Servit).

FIGAR, S.; KRAUSOVA, L.

Plethysmographic study of the effect of manipulation therapy  
in vertebrogenic syndromes. Cesk. neurol. 27 no.4:246-250  
Jl'64

1.Neurologicka klinika fakulty vseobecneho lekarstvi KU  
[Karlovy university] v Praze (prednosta: akademik K.Henner)  
a Fyziologicky ustav CSAV [Ceskoslovenske akademie ved] v  
Praze (reditel: prof. dr. Z.Servit).

FIGAR, S.; KREJCI, D.; TUHACEK, M.

Vasomotor reactions following acupuncture in lumbosacral syndromes. *Cesk. neurol.* 27 no.4:251-255 J1'64

1. Fyziologicky ustav CSAV [Ceskoslovenske akademie ved] v Praze (raditel: prof. dr. Z.Servit) a Neurologicka klinika, fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze, (prednosta: akademik K.Henner).

FIGAR, S.; STARY, O.

Stimulus modality and inverse vascular responses. *Activ. nerv. sup.* (Praha) 7 no.2:188-189 '65

1. Institute of Physiology, Czechoslovak Academy of Sciences and Department of Neurology, Charles University, Prague. 2. S.Figar's address: Praha 2, Katerinska 30.

FIGAR, S.; JANSKY, M.

Reflex activity of the head blood vessels in healthy people and  
in neurological patients. *Activ. nerv. sup. (Praha)* 7 no.2:  
189 '65

DOLEZAL, A. (Praha 2, Apolinarska 18); FIGAR, S.

Peripheral vasodilation in pregnancy. Cesk. gynek. 30 no.1:  
132-134. Mr'65.

I. II. gyn.-por. kliniki fakulty vseobecneho lekarstvi Karlovy  
University v Praze (prednosta: prof. dr. J. Lukas, DrSc.) a  
Fyziol. ustav Ceskoslovenskej akademie ved. v Praze (reditel:  
prof. dr. Z. Servit, DrSc.).

STARY, O.; FIGAR, S.

Mediator and higher nervous reflex mechanisms of the vasomotor reactivity in painful vertebrogenic syndromes. *Cesk. neurol.* 28 no.3:213-219 Ap '65.

1. Neurologická klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta: akademik K. Henner); Fyziologický ústav Československé akademie věd v Praze (reditel: prof. dr. Z. Servit, DrSc.).



DOLKZAL, A.; FIGAR, S.

Changes in peripheral vasodilatation reactions during different stages of pregnancy. *Cesk. gynek.* 30 no.4:278-281 My'65.

1. II. gyn.-por. klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. J. Lukas DrSc.) a Fyziol. ustav Ceskoslovenskej akademie vied v Praze (reditel: prof. dr. Z. Servit, DrSc.).

L 12842-66 EWT(1)/EWA(j)/EWA(b)-2 RO

ACC NR: AP6005711

SOURCE CODE: CZ/0032/65/000/003/0213/0219

AUTHOR: <sup>44,55</sup> Stary, O.; <sup>44,55</sup> Figar, S.

ORG: Neurological Clinic, Faculty of General Medicine, Charles University, Prague  
(Neurologicka klinika fakulty vseobecneho lekarstvi KU); Physiological Institute,  
Czechoslovak Academy of Sciences, Prague (Fyziologicky ustav CSAV)

33  
B

TITLE: Mediator and higher nervous mechanisms in vasomotor reactions in vertebrogenic lesions

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 213-219

TOPIC TAGS: neurology, reflex activity, clinical medicine

ABSTRACT:

Plethysmographic studies of vasomotor reflexes in 98 lumbosacral and 58 cervical lesions are described. The reaction depends on the intensity of the pain suffered. The mediator mechanism of the inverse vasomotor reactions and its localization are discussed. It appears that they have a cholinergic mechanism. Quality of stimulation is decisive in inverse vasodilator reactions and in their blocking by atropine. It appears that the higher nervous centers and not the peripheral vasomotor synapse are responsible for inverse vasomotor reactions. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 021 / OTH REF: 013

SOV REF: 003  
Card 1/1 HW

L 12943-66

ACC NR: AP6005678

SOURCE CODE: CZ/0079/65/007/002/0188/0189

AUTHOR: Figar, S.; Stary, O.

ORG: Institute of Physiology, Czechoslovak Academy of Sciences; Department of Neurology, Charles University, Prague

TITLE: Stimulus modality and inverse vascular responses [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, 188-189

TOPIC TAGS: drug effect, man, blood circulation, neurology, nervous system drug

ABSTRACT: Influence of the quality of the stimulus on inverse, vasodilator responses in painful vertebrogonic syndromes was studied. 55 healthy subjects and 25 patients with an algetic reticular syndrome were tested for the vascular responses elicited by standard stimuli. In healthy subjects, vasodilator response occurred in 10.9 to 16.1% in algetic patients. An atropine injection changed the inverse vasodilator response to normal vasoconstriction to nociceptive and sound stimuli in 96 and 72%, respectively. In inverse vasomotor responses important part is played by higher nervous activity components. [JPRS]

SUB CODE: 06 / SUEM DATE: none

Card 1/1 HW

L 12944-66

ACC NR: AF6005679

SOURCE CODE: CZ/0079/65/007/002/0189/0189

AUTHOR: Figar, S.; Jansky, M.

ORG: Institute of Physiology, Czechoslovak Academy of Sciences, Prague

13  
B

TITLE: Reflex activity of the cerebral blood vessels in healthy people and in neurological patients [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, 189

TOPIC TAGS: reflex activity, neurology, plethysmography, man, blood circulation

ABSTRACT: Vascular reflexes in the temporal region were studied with the aid of electrocapacitance plethysmography, a method that records the thickness of the air dielectric between the surface of the tissue and the exploratory electrode. 9 healthy subjects, 10 patients with vertebrogenic migraines, and 8 with other types of migraine were investigated. Healthy people showed always vasodilator responses; patients with vertebrogenic migraines showed in 22% vasoconstrictor responses in the temporal regions both on the affected and the nonaffected side. During mental effort there was a decrease of vasodilator responses. In non-vertebrogenic migraines vasoconstrictor responses in temporal regions were found in 19%. The results of experiments show distinct differences in the extracranial blood vessels in migraines in non-seizure periods. [JPRS]

SUB CODE: 06 / SUBM DATE: none  
Card 1/1 HW

L 31437-66

ACC NR: AP6023186

SOURCE CODE: CZ/0082/65/028/005/0325/0333

AUTHOR: Roth, B.; Figar, S.; Simonova, O.

ORG: Neurologic Clinic/headed by Academician K. Henner/, Faculty of General Medicine, Charles University (Neurologicka klinika fakulty vseobecneho lekarstvi KU); Institute of Physiology/headed by Prof. Z. Servit/, CSAV, Prague (Fyziologicky ustav CSAV)

TITLE: Respiration in narcolepsy and hypersomnia. Correlation of pneumographic and electroencephalographic data

SOURCE: Ceskoslovenska neurologie, v. 28, no. 5, 1965, 325-333

TOPIC TAGS: biologic respiration, EEG, man, nervous system disease

ABSTRACT: Study of pneumographic and electroencephalographic recordings in 24 patients with essential and 8 with secondary (mostly posttraumatic) narcolepsy, 9 with hypersomnia and 4 with miscellaneous neurologic diseases and 11 healthy controls. The differences between the groups were relatively small and irregular; the findings are described in detail. Orig. art. has: 6 figures and 1 table. [Based on Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 012

Card 1/1 JT

0915

1397

FIGARO, Valentin Petrovich, kand. tekhn. nauk; ZHADIN, G.P., dots.,  
retsenzent; BUMSHEYN, S.I., inzh., red.; ANIKINA, M.S.,  
red.izd-va; KARPOV, I.I., tekhn. red.

[Fundamentals of the design of technological processes and  
attachments; methods for machining surfaces] Osnovy proekti-  
rovaniia tekhnologicheskikh protsessov i prispoblenii; me-  
tody obrabotki poverkhnostei. Moskva, Oborongiz, 1963. 531 p.  
(MIRA 16:5)

1. Zaveduyushchiy kafedroy "Proizvodstvo aviadvigateley"  
Kuybyshevskogo aviatsionnogo instituta (for Zhadin).  
(Machinery industry) (Metal cutting)  
(Machine tool—Attachments)

FIGAROV, A. G.

FIGAROV, A. G. -- "The Stability and Elastic Properties of Unreinforced and Reinforced Piling of Sawn Limestone from the Apcheron Peninsula." Central Sci Res Inst of Industrial Structures (TSHIPs). Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No 1, 1956

MULIN, N.M., kand.tekhn.nauk; ARTEM'YEV, V.P., kand.tekhn.nauk;  
BELOBROV, I.K., kand.tekhn.nauk; GUZEYEV, Ye.A., inzh.;  
KRASOVSKAYA, G.M., inzh.; PETROVA, K.V., inzh.; FIGAROVSKIY, V.V., inzh.

Basis for calculating the deformations of reinforced concrete  
elements in the draft of the new standards. Bet. i zhel.-bet.  
8 no.11:491-498 N '62. (MIRA 15:11)  
(Precast concrete)



FIGATNER, A.M., inzhener.

Selecting the size of the work in machining shafts with a low degree of  
toughness. Vest.mash. 33 no.7:59 JI '53.  
(MIRA 6:8)  
(Shafting)

FIGATNER, A.M., inzh.

Modernizing machine tools (experience of the mechanical department  
of Magnitogorsk Steel Plant). Vest. mash. 38 no.3-49-52 Mr '58.  
(Magnitogorsk--Steel industry) (MIRA 11:2)

FIGATNER, A.M.

Deformation of spindle antifriction bearings during assembling  
and adjusting operations. Stan.1 instr. 33 no.12:7-12 D  
162.

(Bearings (Machinery)--Testing)

(MIRA 16:1)

SOKOLOV, Yu.N.; FIGATNER, A.M.

Selection of basic parameters of spindle units for precision  
machine tools. Stan. i instr. 34 no.8:3-6 Ag '63.

(MIRA 16:10)

FIGATNER, A.M.

Axial rigidity of spindle units of high-precision machine tools.  
Stan. i instr. 34 no.12:1-5 D '63.

(MIRA 17:11)

FIGATNER, A.M.

Accuracy of spindle units of precision machine tools. Stan. 1  
instr. 35 no.7:24-27 J1 '64. (MIRA 17:10)

FIGAROVSKIY, V.V., inzh.

Increasing the flexures of reinforced concrete beams under  
protracted loading. Bet. i zhel.-bet. 8 no.11:501-503  
N '62. (MIRA 15:11)

(Beams and girders--Testing)

FIGEL', T., master; BARAKHMAN, M.A., slesar'-instrumental'shchik

Polishing organic glass. Prem. koop. 12 no.9:6 8 '58.

(MIRA 11:10)

1. Artel' "Promgalkombinat", Kiyev.  
(Plastics) (Grinding and polishing)



"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413010018-3

F. G. L. MAN, M. A.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413010018-3"

FIGEL MAN, M. A.

137-1957-12-24731 D

Translation from: Referativnyy zhurnal, Metallurgiya. 1957, Nr 12, p 252 (USSR)

AUTHOR: Figel'man, M. A.

TITLE: Hydrogen Embrittlement of Steel in Cathodic Treatment (Vodorodnaya khрупkost' stali pri katodnoy obrabotke)

ABSTRACT: Bibliographic entry on the Author's dissertation for the degree of Candidate of Technical Sciences, presented to the Mosk. in-t' tsvetn. met. i zolota (Moscow Institute of Non-Ferrous Metals and Gold), Moscow, 1957.

ASSOCIATION: Mosk. in-t' tsvetn. met. i zolota (Moscow Institute of Non-Ferrous Metals and Gold), Moscow.

1. Hydrogen embrittlement-Bibliography

Card 1/1

PHASE I BOOK EXPLOITATION

841

Moscow. AviatSIONnyy tekhnologicheskii institut

Metallovedeniye i tekhnologiya termicheskoy obrabotki (Physical Metallurgy and Technology of Heat Treatment) Moscow, Oborongiz, 1958. 179 p.  
(Series: Its: Trudy, vyp. 31) 3,200 copies printed.

Ed. (title page): Vishnyakov, D.Ya., Doctor of Technical Sciences, Professor;  
Ed. (inside book): Kuniyavskaya, T.M.; Tech. Ed.: Rozhin, V.P.;  
Managing Ed.: Zaymovskaya, A.S., Engineer.

PURPOSE: This book is intended for production engineers, physical metallurgists, heat-treatment specialists, and other scientific and technical personnel, as well as for advanced students.

COVERAGE: The book is devoted to the study of properties of heat-resistant alloys, the effect of steel structure on wear resistance, phase transformations and recrystallization in alloys, and also the effect of the conditions under which alloys are heat-treated on the structure and properties of the alloys. For references and additional coverage, see Table of Contents.

Card 1/8

## Physical Metallurgy and Technology of Heat Treatment

841

## TABLE OF CONTENTS:

Vishnyakov, D.Ya., Professor, Doctor of Technical Sciences; Maslennikov, B.F., Engineer. Study of the Recrystallization Process in EI435 Alloy 5

The material investigated was a nickel-chrome-titanium alloy used in the manufacture of jet-engine exhaust pipes. Its chemical composition (in percent) is given as follows: Cr = 20.40; Ti = 0.21; C = 0.05; Mn = 0.44; Si = 0.40; Fe = 0.74; Cu 0.05; Al = 0.04; S = 0.006; P = 0.004; Ni - remainder. The authors' conclusions, in part, are:

1. It was established that the type of deformation (in tension or in rolling) does not qualitatively change the recrystallization pattern of the alloy. 2. At annealing temperatures of 1000-1050°C, two maximums of grain growth were observed: 0.2-5.0% in the case of small deformations, and 25-60% in large deformations. 3. It was noted that the critical degree of strain shifts in the direction of smaller strains with an increase in annealing temperatures. Two temperature intervals were observed where this rule operates: 900-1050°C and 1000-1200°C. 4. The minimum temperature (threshold) of recrystallization for EI435 is 700°C. There are 5 references, of which 4 are Soviet and 1 is German.

Card 2/8