VOTAVA, Z.

Continuous rise in the incidence of phocomelia in newborn infants in western Europe and its relation to thalidomide administration. Current status of the problem. Cas. lek. cesk. 102 no.21:561-564 24 My 163.

1. Farmakologicky ustav lekarske fakulty hygienicke KU v Praze, prednosta prof. dr. Z. Votava.

(PHOCOMELIA) (THALIDOMIDE)

(ABNORMALITIES, DRUG-INDUCED)

(PREGNANCY COMPLICATIONS)

(DRUG TOLERANCE)

(INFANT NEWBORN) (PREGNANCY)

VORTEL, J.

"Mounted harrows."

p. 523 (Mechanisace Zemedelstvi) Vol. 7, no. 22, Nov. 1957 Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

Causes of child mortality according to data of the pathologic and

anatomic branch of the medical faculty of Charles University in Hradei Kralove in 1949. Cas.lek.cosk. 90 no.9:274-278 2 Mar 1951. (CIML 20:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

VORTEL, V. I

FINGERLAND, Ant., Prof. MUDr; VORTEL, V1., MUDr; ENDRYS, J., MUDr

Ossophagitis herpetica. Cas.lek.cesk. 91 no.16:473-475 18 Apr 52.

1. Z pathologicko-anatomickeho ustavu lekarske fakulty v Hradci Kral. Prednosta: MUDr Ant. Fingerland. (ESOPHAGUS, diseases, esophagitis ulcerative, pathol.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

VORTEL VI.

VCRTEL VI. *Akutni encefalcmelitisakutni roztrousena sklerosa mozkemisni. Acute disseminated encephalomyelitis. - acute multiple sclerosis CAS.LEK.CES. 1953, 92/33-34 (915-920) Illus. 3

Description of 4 cases of an acute inflammatory disease in which signs of meningeal irritation occurred, with bulbar symptomatology and flaccid paralysis that became spastic later. In one case a multiple sclerosis could be diagnosed with certainty, but in he other 3 cases neither post-mortem findings nor the clinical evolution allowed a definite differential diagnosis. The differentiation between acute multiple sclerosis and disseminated encephalomyelitis is in many cases impossible. Both belong to the same group of demyelinating diseases.

Henner - Prague

SG: EXCERPTA MEDICA, Section 8, Vol. 7. No.5 May 1954

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

SAZAMA, Leon, MUDr, doc.; JAROS, Otakar, MUDr; YORTEL, Vladimir, MUDr

Gerebral abscess of dental origin. Cesk. stomat. no.3:111-117

June 54.

(BRAIN, abscess
 dental origin)

(TMETH, abscess
 alveolar, causing brain abscess)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

VORTEL

FINGERLAND, A., prof. MUDr; VORTEL, VI., MUDr; DVORAK, J., MUDr;
ZURAHAL, L., MUDr

Generalized cryptococcosis (torulosis). Cas. lek. cesk. 93 no.30:
809-816 23 July 54.

1. Z kateder pathologicke anatomie, mikrcbiologie a neurologie
Vojenske lekarske akademie v Hradci Kralove.

(CRYPTOCOCCOSIS,

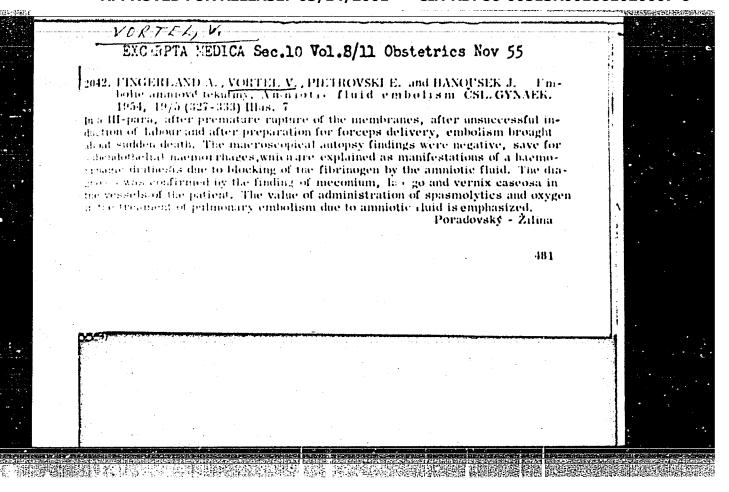
Clin. aspects)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

VORTEL, V.; KRAUS, Z.

Determination of the proteins in the skin and lymph nodes and their relation to cryoglobulinemia in acrodermatitis chronica atrophicans. Cesk. derm. 39 no.2:129-132 Ap:64

1. Registracni stredisko histologie koznich nemoci pri patologickoanatomickem ustavu (vedouci: prof. dr. A. Fingerland, DrSc.) a pri kozni klinice (prednosta:prof. dr. B. Janousek) lekarske fakulty KU v Hradci Kralove.



Diabetes mellitus; pathological anatomy. Cesk. gastroenter. 9 no.3:161-169 Sapt 55.

(DIABETES MELLITUS, pathology.)

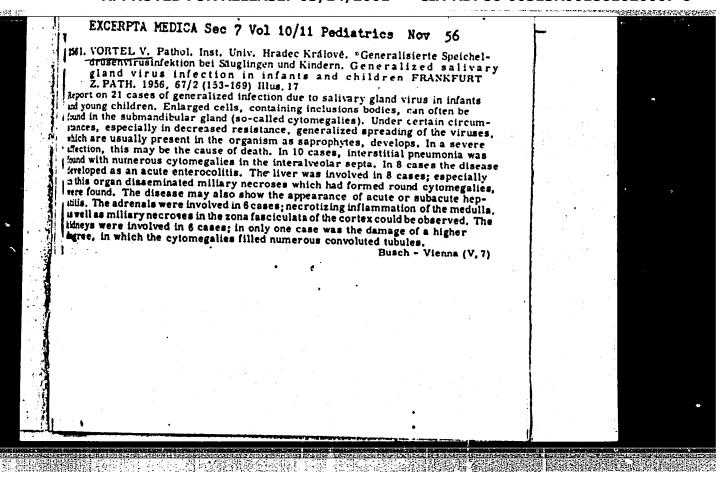
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

VORTEL, Vlad., Doc., Dr.: FINGERLAND, A., prof., Dr.

Perinatal mortality causes; statistical report from the Anatomopthological Department, Hradec Kralove Hilitary Medical School, 1949-53. Cesk. pediat. 11 no.11:867-874 Nov 56.

(INFANT MORTALITY perinatal, causes, statist. (Cs))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"



PROCHAZKA, Jar.; WORTEL, V.; MYDLIL, F. MAN STREET, ST Malignant bronchial adenoma. Cas. lek. cesk. 95 no.37: 1005-1008 14 Sept 56. 1. Chirurgicka klinika VLA J. Ev. Putkyne, prednosta akademik J. Bedrna, patholog. anatom. ustav. prednosta prof. Dr. A. Fingerland a plicni lecebna v Zamberku, prednosta prim. Dr. F. Mydlil. (BRONCHI, neoplasms differ. diag. from middle lobe synd., case report (Cz)) (ATELECTASIS, differ. diag. middle lobe synd. from bronchial adenoma, case report (Cx))

CIA-RDP86-00513R001861020007-6" APPROVED FOR RELEASE: 03/14/2001

EXCERPTA MEDICA Soc 5 Vol. 10/9 Pathology Sopt 57 2536, VORTEL V., and HEROUT V. Pathol. Inst., Med. Akad., Hradec Králové (CSR). *Generalisierte Infektion mit dem Virus des Herpes simplex bei Kindern. General infection with virus of herpes simplex in children ZBL. ALLG. PATH. PATH. ANAT. 1857, 89/1-2 (51-55) Illus. 4 An increasing number of cases of generalized herpes simplex in the newborn and young children is being reported. Two cases are presented, one in a 16-day-old young children is being reported. Two cases are presented, one in a 16-day-old infant and the other in an 8-month-old child. In the newborn, infection is apparently infant and the other in an 8-month-old child. In the newborn, infant cacquired from the genitalia of the mother at the time of birth. Characteristic acquired from the genitalia of the mother at the time of birth. Characteristic and pathological findings were reported in both cases. In one, the virus was proven by pathological findings were reported in both cases. In one, the virus was proven by pathological findings showed bleeding in the cases. In one, the virus was proven by infant and adrenal necrosis. Microscopically, the characteristic feature is the appleance of acidophilic nuclear inclusions in the organs involved with bland necrosis of tissue. In the older child, the bronchial and intestinal epithelium was also involved. Lubitz - Wood, Wis. (V.7*)

VORTEL, V. MUDr. (Hradec Kralove, Tylovo 367)

Organ changes in fatal chickenpox. Cesk. pediat. 13 no.1:10-14 5 Jan 58.

1. Pathologickoanatomicky ustav VIA J. Ev. Purkyne v Hradci Kralove, prednosta prof. Dr. A. Fingerland.
(CHICKENPOX, pathol.
post-mortem (Cz))

STEFAN, J.; VORTEL, V.; FRIDRICH, E.

Aluminum in guinea pig organs in normal & pathological conditions.

Cas. lek. cesk. 97 no.6-7:214-217 14 Feb 58.

1. Ustav lekarske chemie university Karlovy, pobocky v Plzni (prednosta doc. J. Stepan) Ustav pathologicke anatomie VIA J. Ev. P. v Hradci Kralove (prednosta prof. Fingerland) Vyzkumny ustav organickych synthes Pardubice Rybitvi.

(PNEUMONIA, metab.

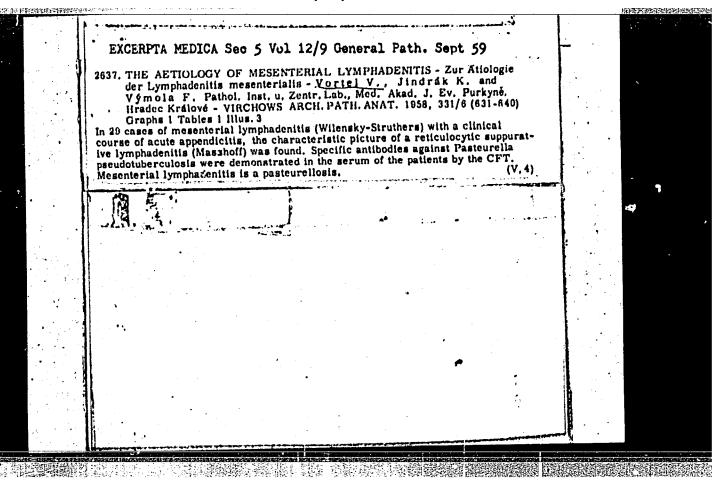
aluminum in guinea pigs (Cz))

(PERICARDITIS, metab.

same)

(ALUMINUM, metab.

in pericarditis & pneumonia in guinea pig (Cz))



VONDRACKOVA, A.; VYMOIA, F.; VORTEL, V.; ONDRACEK, J.; KRAL, L.

Atypical form of lyssa. Cas. lek. cesk. 98 no.29-30:933-937 17 July 59

1. Ustredni mikrobiologicka laborator, prednosta MUDr. F. Vymola.
Ustav patologicke anatomie, prednosta prof. MUDr. D. Sc. A. Fingerland.
Klinika nemoci infekcnich, prednosta doc. MUDr. J. Ondracek. Vojenska
lekarska akademie Jana Ev. Purkyne v Hradci Kralove.

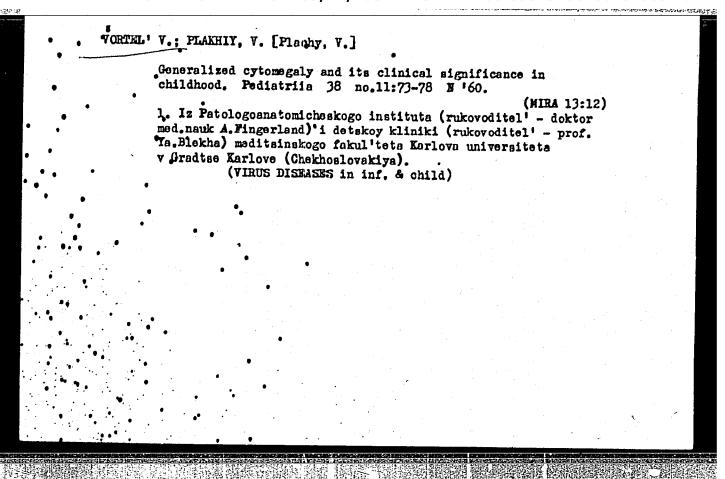
(RABIES, case reports)

KRAUS, Z.; VORTEL, V.

Epidermodysplasia verruciformis. Cesk. derm. 35 no.2:95-99 Ap 160.

1. Registracni stredisko histologie koznich nemoci pri patologickoanatomickem ustavu (prednosta Dr. Sc. prof. dr. A. Fingerland) a pri kozni klinice (prednosta prof. dr. B. Janousek) lekarske fakulty v Hradci Kralove.

(SKIN dis)



ACC NR. AP6032244

SOURCE CODE: UR/0016/66/000/009/0062/0066.

AUTHOR: Kintera, F.; Vortel'. V.

ORG: Military-Medical Scientific Research Institute, Karlov University (Voyenno-meditsinskiy nauchno-issledovatel'skiy institut Karlova universiteta); Institute for Post-graduate Training of Physicians im. Purkin'ye, Karlov University (Institut dlya usovershevstvovaniya vrachey Karlova universiteta)

TITLE: Experimental airborne tularemia

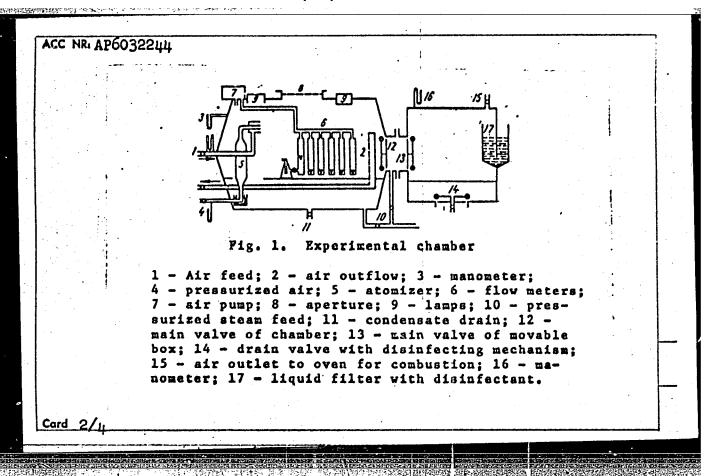
SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 9, 1966, 62-66

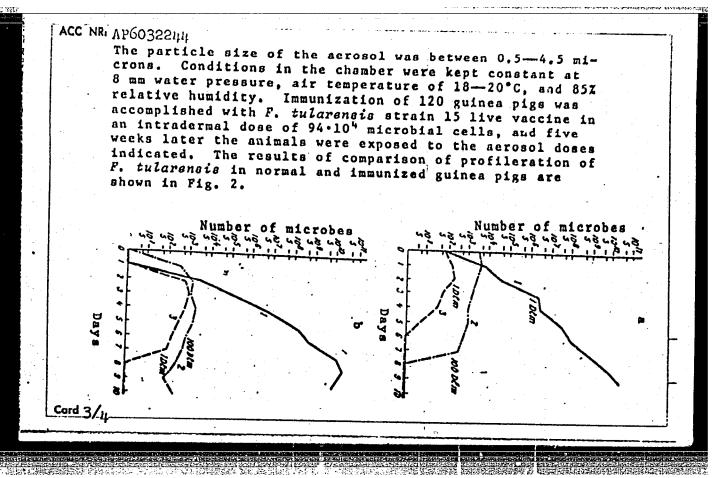
TOPIC TAGS: infective disease, animal disease, tularemia, guinea pig, bacterial aerosol, biomedical chamber, immunization, VACCINE

ABSTRACT: Normal and immunized guinea pigs (average weight 320 g)
were exposed to 1 and 100 Dlm aerosol doses of F. tularensis no. 2713 (a virulent strain isolated in Czechoslovakia)
in the biomedical chamber shown schematically in Fig. 1.

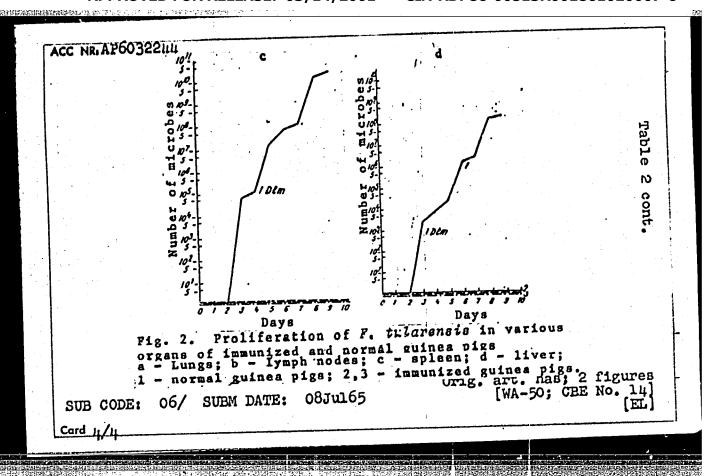
Card 1/11

UDC:616.981.455-092.9





APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"



VORTEL, Vladimir; PIACHY, Vladimir

Brain lesions in general cytomegaly in the neonatal age. Sborn. ved. prac. lek. fak. Karlov. Univ. 8 no.5:537-542 '65.

- 1. Patologicko-anatomicky ustav (prednosta prof. MJDr.
- A. Fingerland, DrSc); Detska klinika (prednosta: prof. MIDr.
- J. Blecha, DrSc) v Hradci Kralova.

JINDRICHOVA, Jirina; VORTEL, Vladimir; FINGERLAND, Antonin; JINDRAK, Karel; CHROBAK, Ladislav

Fatal panmyelophthisis degenerated to subacute myeloid leukemia caused by benzene. Vnitrni lek. 11 no.10:995-999 0 '65.

1. Krajsky ustav narodniho zdravi, oddoleni chorob z povolani, Hradec Kralove (prednosta: doc. MJDr. Jirina Jindrichova, CSc.), Patologicko anatomicky ustav lekarske fakulty Karlovy University v Hradci Kralove (prednosta: prof. MJDr. Antonin Fingerland, Dr.Sc.) a I. vnitrni klinika lekarske fakulty Karlovy University v Hradci Kralove (prednosta: prof. MJDr. Frantisek Cernik).

VORTEL, V.; PIACHY, V.; FINGERLAND, A.

Hepatitis in infants after transfusion of pooled plasma. Cesk. pediat. 20 no.10:879-882 0 '65.

1. Patologickoanatomicky ustav (prednosta prof. dr. A. Fingerland, DrSc.) a detska klinika (prednosta prof. dr. J. Blecha, DrSc.) lekarske fakulty Karlovy University v Hradci Kralove.

KRAUS, Z.; VORTEL, V.; FINGERLAND, A.; SALAVEC, M.; KRCH, V.

Uncommon skin manifestations in Wegener's gramulomatosis. Cesk. derm. 40 no.6:378-382 D 165.

1. Registracni stredisko histologie koznich nemoci pri patologickoanatomickem ustavu (prednosta prof. dr. A. Fingerland), kozni klinika (prednosta prof. dr. B. Janousek) a I. interni klinika (prednosta prof. dr. F. Cernik) lekarske fakulty Karlovy University v Hradci Kralove.

KRAUS, Zdenek; VORTEL, Vladimir; BARTA, Vaclav.

Carcinoma metastasizing to the skin. (Report of cases in the Registration Genter during the period 1958-1962). Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad. Kral.) 6 no.5 suppl.: 589-599 163

1. Registracni stredisko histologie koznich nemoci pri patologicko-anatomickem ustavu (prednosta: DrSc. prof. MUDr. A.Fingerland) a pri kozni klinice (prednosta: prof. MUDr. B.Janousek), Radiologicka klinika (prednosta: DrSc. prof. MUDr. J.Bastecky), Karlova universita v Hradci Kralova.

ENDRYS, Jiri; KVASNICKA, Jiri; STEINHART, Leo; VORTEL, Vladimir; RRZEK, Vladimir; VYSLOUZIL, Jan; KRAVEC, Mirdeley.

Method of measuring the volume of flow through brenchopulmonary anastomoses. Storn.ved.prac.lek.fak.Karlov.Univ. (Hrad.Kral) 6 no.3:219-228 '63.

1. Kardiochirurgicke stredisko (prednosta:prof. MUDr. J. Prochazka); I. interni klinika (prednosta: prof. MUDr. J. Rehor); Radiclogicka klinika (prednosta DrSc., prof. MUDr. J. Bastecky); Patologickoanatomicky ustav (prednosta DrSc., MUDr. A. Fingerland) a Chirurgicka klinika (prednosta: prof., MUDr. J. Prochazka), Universita Karlova.

VORTEL, Vladimir; BRZEK, Vladimir

Myoglobimuric nephrosis after embole ctomy in the common iliac artery. Sborn.ved.prac.lek.fak.Karlov.Univ. (Hrad.Kral.) 6 no.3:291-294 *63.

1.Patologicko-anatomicky ustaw (prednosta:prof., DrSc., MUDr. A.Fingerland) a II chirurgicka klinika (prednosta:prof. MUDr. J.Prochazka), Universita Karlova.

PETR, R.; VORTEL, V.; JINDRAK, K.

Results of surgical treatment of intracranial aneurysms. Cesk. neurol. 26 no.5:297-300 S '63.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. R. Petr Patologickoanatomicky ustav lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. A. Fingerland.

(CEREBRAL ANEURYSM) (VASCULAR SURGERY)
(SUBARACHNOID HEMORRHAGE) (CEREBRAL HEMORRHAGE)

VORTEL, V.; KRAUS, Z.; KYNTERA, F.

A case of clinically, bacteriologically and histologically confirmed tularemia. Cas. lek. cesk. 102 no.32/33:914-916 16 Ag *63.

1. Fatologickoanatomicky ustav lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. A. Fingerland Dermatologicka klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. B. Janousek.

STEPAN, Jan; VORTEL, Vladimir

Contribution to a possibility of damages of the organism during therapy with PAS and other tuberculostic drugs. Cas.lek.cesk. 99 no.3/4:111-117 22 Ja 160.

1. Ustav lekarske chemie lekarske fakulty KU v Plzni, prednosta doc.dr. Jan Stepan. Ustav patologicke anatomie a histologie lekarske fakulty KU v Hradci Kralove, prednosta prof.dr. A. Fingerland.

(PARAAMINOSALICYLIC ACID eff.inj.)
(ANTITUBERCULAR AGENTS eff.inj.)

CZECHOSŁOVAKIA

PETR, R., ID, Prof., VOICEL, V., and JINDRAK, K., Clinic of Neuro-surgery (Neurochirureicka klinika), Faculty of Tedicine (Lekarska fakulta), Charles University, hracec Kralove, Dr R. Patr, director; and Institute of Pathological Anatomy (Patologickoanatomicky ustav), raculty of Madicine, Charles University, Hradec Kralove, rror. A. FINGERIAND, AD, director [except for raTR attiliations cannot be determined].

"results of Surgical Treatment of Intracranial Aneurisms."

Prague, Ueskoslovenska Heurologie, Vol KKVI(LIX), No 5, September 63, pp 277-300.

Abstract [Authors' English summary]: A surgical treatment of saccular intracranial aneurisms at a stage when clinical symptoms are absent is fully justified. Good results are due partly to the favorable state of health of the patient and partly to the advance made in surgical technique. The purpose of the operation is to prevent further hemorrhage. Results of surgical treatment at an acute stage are poor and an operation alone is not enough to improve conditions. Tables are including with information on surgical treatment. Twenty-two references, including 3 Czech and 7 Russian.

GRADSKIY, Mikulash [Gradsky, M.], doktor med.nauk; <u>VORTEL!</u>, <u>Vladimir</u>, tor ned.nauk; GEROUT, <u>Vladimir</u> [Herout, V.], doktor med.nauk (Chekhoslovakiya)

Stomach biopsy in clinical prcatice. Klin.med. no.7:12-19
(MIRA 14:8)

1. Iz kliniki propedevtiki vnutrennikh bolezney meditsinskogo
fakul'teta Karlova universiteta v Gradtse Karlove (rukovoditel' dotsent, doktor med.nauk F. Chernik) i iz patologoanatomicheskogo
dotsent, doktor med.nauk F. Chernik) i iz patologoanatomicheskogo
instituta meditsinskogo fakul'teta Karlova universiteta v Gradtse
instituta meditsinskogo (sakul'teta Karlova universiteta v Gradtse)

AFANAS'YEVA, E.L.; VERBOLOV, V.I.; VOTINTSEV, K.K.; KROTOVA, V.A.; MAN'KOVSKIY, V.I.; MESHCHERYAKOVA, A.I.; SHIMARAYEV, M.N.

Comprehensive synchronous limnological studies of Baikal waters. Izv. AN SSSR. Ser. geog. no. 2:120-125 Mr-Ap 164. (MIRA 17:5)

1. Limnologicheskiy institut Sibirskogo otdeleniya AN SSSR.

POLYAK, M.U.; VORTMAN, M.S.

Innovators of Russian communication engineering. Vest.sviagi 7 no.11:11 N '55.

(MIRA 9:1)

1. Machal'nik Tekhnicheskogo otdela Ministerstva svyasi (for Vortman).2. Starshiy inshener Byuro isobreteniy.

(Telecommunication)

CHISTYAKOVA, A.M., kand.med.nauk, YORTMAN. M.Q., starchiy laborant,

Protein content of diets in pulmonary tuberuclosis [with summary in French]. Probletub. 36 no.5:49-58 '58 (MIRA 11:8)

1. Is kafedry gigiyeny pitaniya Stalinekogo meditainekogo instituta i is kafedry gigiyeny pitaniya leningrads ogo sanitarno-gigiyenicheskogo meditainekogo instituta.

(TUBERCULOSIS, PULMONARY, ther.

diets, protein composition (Rus))

(DIST, in var. dis.

pulm. tuberc., protein composition (Rus))

(PROTEIN, metabl.)

requirements in pulm. tuberc. (Rus))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

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8 (5)

SOV/112-57-5-10182

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 5,

pp 86-87 (USSR)

AUTHOR: Vortman, V. Kh.

TITLE: Electric Motors -- From Blueprints to Shipping Room (Elektromotory -- ot chertezha do ekspeditsionnogo sklada)

PERIODICAL: Nemetskiy eksport, 1956, Nr 2, pp 65-67

ABSTRACT: The work of "people's industry of the German Democratic Republic," the Elektromotorenwerk, Wernigerode, is briefly described. The plant builds standard squirrel-cage-rotor motors and wound-rotor motors, as well as other special machinery (crane-type motors, change-pole motors, etc.). Electric motors with aluminum winding are manufactured. After five years of experience, aluminum windings look promising. Tropicalized electrical machinery for India, Egypt, Indonesia, and China is also manufactured. Tropicalized machines are subjected to careful insulation tests in special

Card 1/2

SOV/112-57-5-10182

Electric Motors - From Blueprints to Shipping Room

weather chambers. Uniformity of batch production is noted; it is insured by a suitable preparation of processing. Procedure of electric machinery testing is described. Each fifth machine is tested for starting, stalling, and normal working torques. Model medical and personnel services are organized at the plant.

I.A.R.

Card 2/2

VORTMAN, Z.M.		
	USSR/Engineering - Hvdraulics. Dec 51.	
	"Ground Water Lowering With Needle Filter Installations," Z. M. Vortman, Engr	
	"Gidrotekh Stroi" No 12, pp 8-11	
	Describes equipment and operational procedure for lowering level of ground water by 8-9 m, using 2-storied system of needle filters. Considers method most	
	expedient among all others. Discusses several examples of practical applica-	
	tion.	

DOBEOVOL'SKIT, A.V., redaktor; SKACHKOV, I.A., inshener, redaktor; CHERKASOV, N.A., redaktor; VORTMAN, Z.Ta., tekhnicheskiy redaktor

[Structural ceramics; a catalog and handbook] Stroitel'naia keramika; katalog-spravochnik. Pod red. A.V.Dobrovol'skogo i I.A.Skachkova. Izd. 2-e. Kiev, Gos. izd-vo tekh. lit-ry UHSR, 1954. 119 p. (MIRA 8:3)

1. Ukraine. Upravleniye po delam arkhitektury i stroitel'stva. 2. Chlen-korrespondent Akademii arkhitektury SSSR. (for Dobrovol'skiy)
3. Deystvitel'nyy chlen *kademii arkhitektury USSR (for Dobrovol'skiy)
(Ceramic materials)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

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PEREPELKIN, V.S.; ZABOLOTNOV, V.I.; VORTYNTSEV, D.I.; NEKRASOV, I.L.

Coli enteritis in adults and the carrier state of enteropatohgenic Escherichia coli. Zhur. mikrobiol., epid. i immun. 40 no. 8: 122-125 Ag '63. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

SHVED, Anatoliy Petrovich; VORUSHILO, Vladimir Ivanovich; SERGEYEV, D.I., red.

[Marine power plants and their operation; practical exercises for a course] Sudovye silovye ustanovki i ikh ekspluatatsiia; prakticheskie zaniatiia po kursu. Moskva, Transport, 1965. 101 p. (MIRA 18:3)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

PECHENENKO, V., kandidat tekhnicheskikh nauk; VORUSHILOV, V., inshener.

Increasing steam parameters in existing steam power plants. Mor. flot 16 no.4:19-21 Ap '56. (MLRA 9:8)

1. OVMU.

(Boilers, Marine)

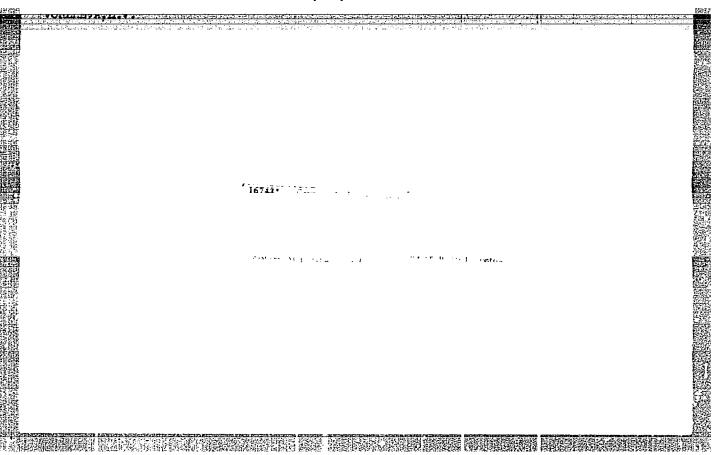
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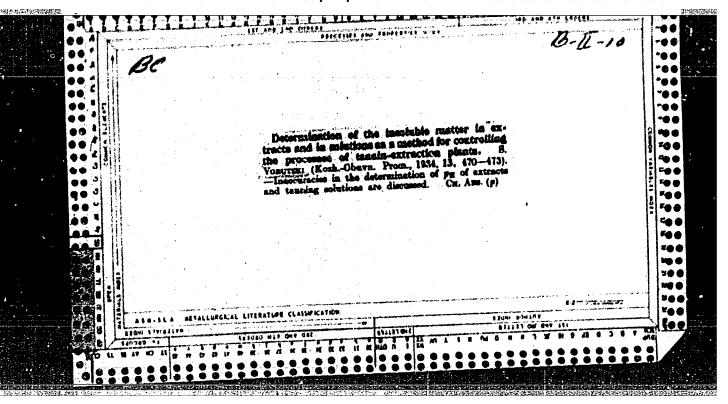
	Experience operating a field lumber mill. Toen-insh.shur. 101 no.9:26-27 S 57. (MLRA 10:9)
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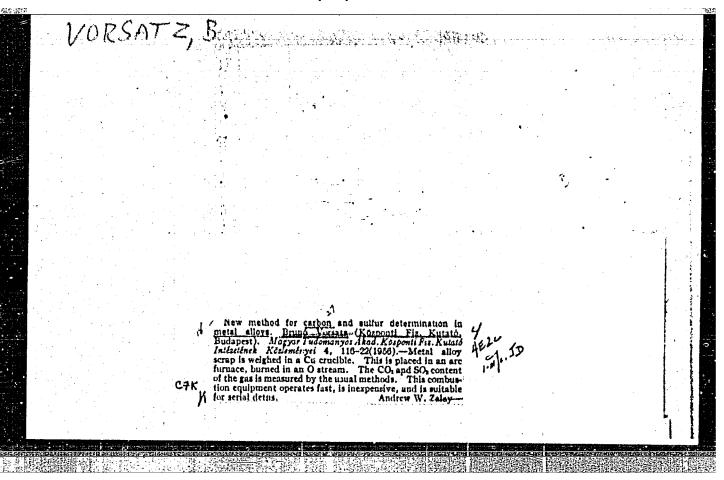
VORZNEVA, L. V.

"The Harriful Entemofauna of Transtaykal Fruit Trees and Factors in Its Formation." Dr Biol Sci, Inst of Zoology, Acad Sci USSR, Leningrad, 1954. (KL, Fo 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSN Higher Educational Institutions (13) 30: Sum. 500, 29 Jul 55







VORUSHILO, V.I., starshiy prepodavatel'

Adjusting single-eccentric drives. Sud. sil. ust. no.2:39-47 '63.
(MIRA 17:1)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6"

VORIKHANOV, A., predsedatel'. More tractors for agriculture. Sov.profsoiuzy 1 no.4:28-31 D '53. (KLRA 6:12) 1. Zavodskiy komitet professional'nogo soyuza Vladimirskogo traktornogo zavoda. (Tractor industry)

- 1. VORYPAYEV, E. P.; SOEOLEV, V. N.; Engs.
- 2. USSR (600)
- 4. Ships
- 7. Vessels for small rivers. Rech. transp. 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress,

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GLAZOVA, Ye.F.; KARPUSHA, V.Ye.; PROTOPOPOV, N.G.; SHADRINA,

Ye.N.; IGRUNOV, V.D.; HECHAYEV, I.N.; HESPALOV, D.P.;

ILLARIONOV, V.I.; GLEBOV, F.A.; GLAZOVA, Ye.F.; KAULIN, N.Ya.;

GORYSHIN, V.I.; GAVRILOV, V.A.; TIMOFEYEV, M.P., retsenzent;

YEFREMYCHEV, V.I., retsenzent; KRASOVSKIY, V.B., retsenzent;

V'YUNNIK, A.P., retsenzent; STERNZAT, M.S., otv. red.;

RUSIN, N.P., otv. red.; YASNOGORODSKAYA, M.M., red.; VOLKOV,

N.V., tekhn. red.

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(Continued on next card)

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Nauchnc-issledovatel'skogo instituta gidrometeorologicheskikh
priborov i Gosudarstvennogo gidrologicheskogo instituta (for
Dashkevich, Surazhskiy, Usol'tsev, Azbel', Bozhevikov,
Vorzhenevskiy, Manuylov, Glazova, Karpusha, Protopopov, Shadrina,
Igrunov, Nechayev, Bespalov, Illarionov, Glebov, Glazova, Kaulin,
Gorysnin, Gavrilov). 3. Komissiya Glavnogo upravleniya gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR (for Nechayev,
Usol'tsev, Timofeyev, Yefremychev, Krasovskiy, V'yunnik)
(Meteorology)

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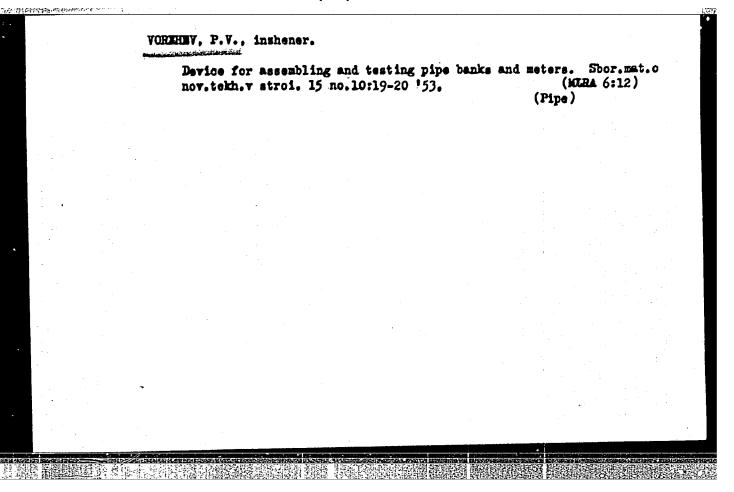
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1. Irkutskiy pedagogicheskiy institut. (Baikal, LakeCodling moth) (Codling moth-Baikal, Lake)

VORZHEVA, Lyudmila Vladimirovna

(Irkutsk State Pedagogic Inst) Academic Degree of Doctor of Biological Sciences, based on her defense, 24 December 1954, in the Council of the Zoological Inst Acadesci USSR, of her dissertation entitled: "Harmful entomofauna of fruit-trees of the Prebaykal and factors of its formation."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 24, 26 Nov 55, Byulleten' MVO SSSR, No. 20, Oct 57, Moscow, pp 22-24, Uncl. JPRS/NY-471

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Card 1/1	Pub. 86 - 19/36
Authors	Vorzheva, L. V., Cend. of Biol. Sc.
Title	Fruit growing in the Baikel Lake region
Pariodical	frirode 2, 101-103, Feb 1954
	The development of the fruit growing industry (apples, pears) in the region of Lake Baikal is discussed.
	The development of the fruit growing industry (apples, pears) in the region of Lake Baikal is discussed. The Pedagogical Institute in Irkutsk
nstitution	in the region of Lake Baikal is discussed.
	in the region of Lake Baikal is discussed. : The Pedagogical Institute in Irkutsk
nstitution	in the region of Lake Baikal is discussed. : The Pedagogical Institute in Irkutsk

VORZHEVA, L.V. VORZHEVA, L.V. VORZHEVA, L.V. Occurrence of the lesser apple worm (Laspeyresia pomonella L.) in eastern Siberia. Biul. MOIP. Otd. biol. 59 no.3149-52 Myin eastern Siberia. Hastern—Apple worm) (Apple worm—Siberia, Eastern) (Siberia, Eastern—Apple worm) (Apple worm—Siberia, Eastern)

USSR/General and Special Zoology - Insects.

P-6

Abs Jour

: Ref Zhur - Biol., No 5, 1958, 21087

Author

: Vorzheva, L.V.

Inst

: Kuybishev State Pedagogical Institute:

Title

: The Facts of the Areal Disruption of Some Insects Inju-

rious to Fruit Trees and Their Explanation.

Orig Pub

: Uch. zap. Kuybyshevak. gos. ped. in-t, 1956, vyp. 16,

143-153

Abstract

The climatic paculiarities of the spring season when the insects intensified their feeding explained the absence in the gardens of East Siberia (the Pre-Baikal and the Near-Angara regions) of the brown tail moth, the apple beetle Nitidulidae, the snout beetle and the rare occurrence of the gypsy moth and the apple moth. A short and dry spring creates conditions for a rapid development of the

Card 1/2

WORZHEVA, L.V., prof.

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3 no.4:23-24 J1-Ag '58. (MIRA 11:9)

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(Insects, Injurious and beneficial-- Biological control)

VORZHEVA, L.V.

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VARGUZINA, Z.; ISAYEVA, N.; VORZHEVA, L.V., prof., nauchnyy rukovoditel'

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(Insects, Injurious and beneficial—Biological control)

LAZAREV, Ye.; SAFONOVA, L.; GODOVKINA, E.; VORZHEVA, L.V., prof., nauchnyy rukovoditel'

Effect of microelements on the growth and development of young birds. Uch.zap.Kuib.gos.ped.inst. no.37:27-32 '62.

(MIRA 16:1)

(Trace elements) (Poultry—Feeding and feeds)

Voice	HEVA, V. V.	PHASE I BOOK EXPLOI	iki i telemekhaniki.		The state of the s
	Avtomaticheskoye	regulirovaniye i upri oscow, Izd-vo AN 5891	7, 1962. 526 p., Brra		
	Resp. Ed.'s Ya. 2	. Tsypkin, Professor ling House: Ye. N. G	rigor'yev; Tuch, Ed.	the second secon	- (e. 3/2 a)
	coverage: The b	ook is a collection the 7th Conference of	or articles consisting flumion Scientists of ics, Academy of Science of scientific and tecepulation and control	of papers the Insti- es USSR,	
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	Automatic Regulation (Cont.) The articles are organized in seven sections, including automatic control systems, automatic process control, computing and decision—making devices, automation components and devices, statistical methods in automation, theory of relay circuits and finite automatic systems, and automated electric drives. No personalities matic systems, and automated electric drives. No personalities are mentioned. References are given at the end of each article.	
	TABLE OF CONTENTS: PART I. AUTOMATIC CONTROL SYSTEMS Andreyohikov, B. I. The effect of dry friction and slippage [play] on error during reverse gear operation of servo- feed systems Andreyohikov, B. I. Dynamic accuracy of machine tools with programmed control	
	Card 2/12	
CONTROL CONTROL HAVE TO A VICE OF A		

SOV/6012	
Vorzheva, V. V. Obtaining partial minimal forms of Boolean functions for avoiding race conditions in switching networks	437
Didenko, V. P. Minimization and construction methods for bridge structures in relay systems	444
Kazakov, V. D., and V. V. Naumenko. The realization of Boolean functions and variables in contactless logical switching circuits by the additional determination rethod	461
Kazakov, V. D. The form of minimal expressions of symmet- rical Boolean functions of an arbitrary number of var- lables	468
PART VII. AUTOMATED ELECTRIC DRIVE	
Vershinin, N. D. Application of the invariance principle in stabilizing the speed of d-c motors	474
Card 11/12	

ACCESSION NR: AT4031770

8/0000/63/000/000/0170/0179

AUTHOR: Vorzheva, V.V.

TITLE: Investigation of the structures of relay devices from the point of view of their operation on real contacts

SOURCE: AN SSSR. Strukturnaya teoriya releyny*kh ustroystv (Structural theory of relay devices). Moscow, Izd-vo AN SSSR, 1963, 170-179

TOPIC TAGS: control system, automatic control, feedback, relay, relay structure, relay operation, electromagnetic relay

ABSTRACT: For convenience's sake, only electromagnetic relays are considered in this article. The coils of these relays are designated, in the nomenclature adopted by the author, by capital letters, while their contacts are designated by small letters. The results obtained in the study are applicable to relay devices using elements of various types. The conductivity of an individual circuit or of the entire system is, the author claims, a function of the system structure and of the variation of the input values of the system. Circuit conductivity is designated by the letter F: when the circuit or system conducts, F = 1; when it does not, F = 0. The output operating conditions of

ACCESSION NR: AT4031770

a relay device are described by a Boolean function, represented in the conjunctive or disjunctive normal form. The author notes that in relay device analysis and synthesis normally no consideration is given to the possible changes in the sequence of interaction of the different contacts of one and the same relay (normally open and normally closed); that is, such studies are based on the concept of ideal contacts and on the assumption that, when the relay is tripped, the normally closed contact is broken simultaneously with the making of the normally open contact. Under such assumptions, systems which have been correctly designed or analyzed from the theoretical point of view may, under real operating conditions, fail to function properly. The reason for this improper operation is seen, by the author, in the competition (race condition) between the normally open and normally closed contacts of the same relay. This situation is analyzed in some detail and it is pointed out that in a real device operational disruptions in the system as a result of race conditions can be eliminated by adjustments of the tension of the contact springs. Such adjustment does not normally, in the opinion of the author, meet the requirements of satisfactory operational reliability. Following this introductory section, there is a general review of existing works dealing with. the study of relay systems operating with real contacts. The point is made that in all these papers the approach to the investigation of real-contact-

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operating systems have been essentially the same: they are based on readymade systems (of whatever method of construction), the operational correctness
of which on ideal contacts is beyond any question, with a determination then
made of the necessary and sufficient conditions which will guarantee proper
system functioning when operating on real contacts. Three papers employing
this general technique are reviewed and their findings are analyzed. The author's
approach to the problem of achieving structures exempt from race conditions in
the synthesis of systems operating under real conditions is fundamentally different; that is, the problem as formulated in the present paper is not one of
finding a method of eliminating the race conditions from already designed
relay systems, but rather one of finding a method of achieving, in the process
of synthesis itself, systems free of such conditions. It is assumed that the
operating conditions of the output of a relay device are described by a Boolean
function

$$F = (\overline{z} \vee \overline{y} \vee \dots \vee \overline{z}) f (\overline{z} \vee \overline{y} \vee \dots \vee \overline{z}) f \dots \dots$$

$$F = (\overline{z} f \overline{y} f \dots f \overline{z}) \vee (\overline{z} f \overline{y} f \dots f \overline{z}) \vee \dots \dots$$

$$(1)$$

A perfect normal form (disjunctive) of a Boolean function is considered. The problem of achieving the minimal form of the function Fmin corresponds in a Cord 3/4

AT4031770 ACCESSION NR:

contact system to the minimum number of contacts. Ly way of example, the author has analyzed the synthesis of a system, the operating conditions of which are described by the function

 $F = xyz + xy\overline{z} + \overline{x}g\overline{z} + xgz + \overline{x}gz + \overline{x}g\overline{z}.$

is derived through the Quine method (W. Quine. A way to simplify truth functions. Amer. Math. Monthly, v. 59, n. 8, 1952; v. 62, n. 9, 1955). An entire set of simple implicants is first derived in the minimization. In his treatment of the problem, the author also makes use of tables given by McCluskey (E.J. McCluskey. Minimization of Boolean functions. Beil System Tech. J. XXXV, No. 6, 1956). Orig. art. has: 2 tables and 3 figures.

ASSOCIATION: none

14Nov63 SUBMITTED:

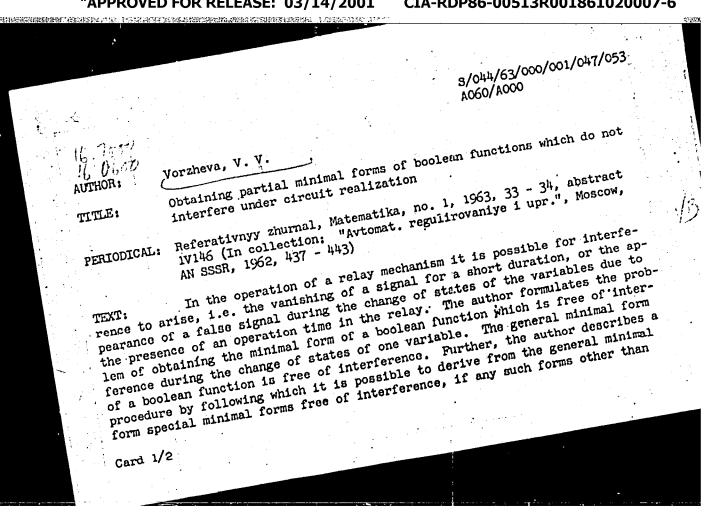
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Obtaining partial minimal forms of boolean...

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the general minimal form are existing. The plan of solution is a modernization of the Quine and MacCluskey minimization method.

R. C. Bukharayev

[Abstracter's note: Complete translation]

Card 2/2

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Moldes, I.; Vosa, C.; Crosz, A.; Dobronyi, J.

Experimental influencing of the blood calcium level by hypothalamus lesion. Acta physiol. hung. 10 no.2-4;229-238 1956.

1. Institute of Anatomy, Histology and Embriology, University Medical School, Debrecen; Institute of Inorganic Chemistry, Kossuth Lajos University of Sciences, Debrecen.

(HYPOTHALAMUS, physiol.

eff. of exper. lesions on blood calcium & potassium in rats)

(CALCIUM, in blood
eff. of exper. lesions of hypothalamus in rats)

(PHOSPHORUS, in blood
same)
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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6

VOSAHLIK, M.

Method for the quantitative determination of zooplankton. p.136. (Vodni Hospodarstvi, No. 5, May 1957, Praha, Czechoslovakia)

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

Z/031/61/009/005/003/004

D007/D102

1.1110

2208,2808

Poláček, J., Engineer; Lauterbach, J.; Vošahlík, R.; and Kulíšek, B.

AUTHORS:

Theory and application of explosive metal forming

PERIODICAL: Strojírenská výroba, v. 9, no. 5, 1961, 240 - 245, 248

The Závody na výrobu vzduchotechnických zařízení, n. p. Milevsko, (Plant for the Production of Pneumatic Equipment, Milevsko) is preparing the introduction of explosive forming for VIC pressure containers mounted on RR carriages. The article describes tests on a one-third-size model (actual dimensions of the vessel are shown in Fig. 1), performed to study the technology of this advanced metal forming method. Factors which must be considered in explosive forming are: (1) Choice of a suitable explosive charge; (2) the transmitting medium; (3) shape, dimensions and material of the mold; (4) material for forming; and (5) technological preparation of the working site. All types of brisant explosives are suitable for explosive forming. Those used in the described tests were cast TNT, plastic

Card 1/16

Z/031/61/009/005/003/004 D007/D102

Theory and application ...

NP 10, gelatine high explosive (Perunit 20) and ammonium nitrate high-explosive powder. Properties of Czechoslovak commercial explosives are listed in Table I. The plastic NP 10 explosive was chosen for testing of annular-, ball-, rod-, and pear-shaped charges. The annular shape is not suitable since it is not possible to ignite the entire ring simultaneously and the blank corrugates and tears. The ball-shaped charge (Fig. 4) is more suitable and can be ignited with one detonator placed in the center. However, great pressure acts on the bottom of the mold and a secondary reaction presses the blank upwards with a resultant negative influence on the final shape of the forging. Better results were achieved with rod-shaped charges which can be ignited either at the top, at the middle, or at the bottom (Fig. 6). When bottom ignition is applied (Fig. 7), shockwaves disperse conically and the pressure acting on the mold bottom is considerably smaller, reaching only 2,000 - 2,500 kg/cm. Since the top part could not be drawn out completely with any of these charge shapes, a modified pear-shaped charge was tested which was suspended with the smaller end downwards and ignited at the bottom.

Card 2/16

20992

Theory and application ...

Z/031/61/009/005/003/004 D007/D102

However, the desired effect was still not reached. Since empirical results are still insufficient, the proper charge shape and initiation point will have to be experimentally found for each specific case. Water was used in the tests to transmit the explosive force to the blank. The more advantageous closed mold (requiring smaller charges) could not be used since the mold in this specific case would have been too heavy. However, in the upper regions of an open mold, the transmitted pressure rapidly decreases due to the dilution of the transmitting medium, which explains the fact that the upper regions of the blank were not drawn out completely. The mold used in the tests consisted of two welded halves made of 11 523 grade steel sheet. The mold shell was reinforced by 2 strong hoops and a number of radial struts. The mold was not annealed, despite the large number of welds which caused considerable stresses, and was loosely placed on the base plate. The blank was secured either by clay to the steel base plate, or by a 50 mm thick rubber lining clipped to the blank. The tests revealed that the mold bottom should be made of a material with elastic properties. The originally used 50 and 80 mm thick plates of rolled 11 370 steel bent and Card 3/16

Z/031/61/009/005/003/004 D007/D102

Theory and application...

ruptured after several tests with the grain structure of the fracture resembling that of cast steel. When covered with a 50 mm rubber lining, the steel bottom plates resisted shock waves till the lining was mechanically damaged. A gap formed by placing spacers between the two mold halves facilitated air escape from the space between the mold and the blank. The gap width was varied within the range of 2 - 6 mm. Since the tests were made in an open mold, adequate safety measures had to be taken. When observing the safety regulations of Edict no. 305, published in issue 132 of the Úřední listy (Official Bulletin), dated Oct 24, 1952, explosive forming does not imply any more danger than common pressing. Approximately 45 tests were performed on the rather large one-third-size model. They revealed some technological problems which would not have been recognized had the tests been performed with a smaller model. The gathered experiences, which led to the final design of the mold, can be summarized as follows: (1) Most advantageous is a rod-shaped charge with bottom initiation; (2) the shock-wave effect on the bottom of the mold must be reduced by increasing the distance

Card 4/16

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Theory and application...

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between the charge's lower end and the bottom; (3) the upper part of the blank must be extended by 50 mm to achieve complete drawout; (4) the effect of the explosive must be increased by raising the water level above the charge; (5) a better securing of the blank must be developed to prevent its damage at each explosion; (6) rubber with a hardness of 60 - 70° Sh offers the best resistance to shock waves; (7) the sheet thickness of the actual-size blanks must be increased 10% to obtain the desired wall thickness of pressings. The actual-size mold, designed according to these experiences, is shown in Fig. 9. The reinforced shell-type mold is horizontally split into 2 halves (1 and 2). The upper half is provided with an extension for a higher water level. Due to the large dimensions, the air between the mold and the blank cannot be evacuated, but escapes thru a gap between the 2 mold halves and an annular slit in the upper section of the mold. The rather curved bottom (7) is embedded in a reinforced-concrete bed. On the inside, the bottom is lined with a 200 mm thick rubber layer (8). The molds for both the scaled-down model and the actual-size pressings were made of 11 373 and 11 523

Card 5/16

20992

Z/031/61/009/005/003/004 D007/D102

Theory and application ...

grade steels. Steel was chosen since the effect of shock waves on other potential mold materials is not yet known. However, test results obtained thus far indicate that plastic materials and reinforced concrete can probably be used for molds. The test blanks (Fig. 10) were made of certificated 11 373.1 - size sheets, welded from 1 or 2 pieces with BH 48 electrodes. The welds were made using backing bars. To prevent cracking of the pressings observed in previous tests, blanks were normalized after welding. However, this treatment produced no substantial improvement and was abandoned in later tests. The thinout of the material was measured with micrometers at several points and results are listed in Table II. During explosive forming, the material is compressed which results in thinout of the final pressed product. This material reduction, which is rather uniform despite differences in material stretching ranging from 6.90 to 11.64%, must be compensated for by adding a 10% allowance to the blank. The material used for explosive-forming tests was 3 mm thick, 11 373.1 sheet metal, certificated according to CSN 41 1373. The original properties of the material underwent

Card 6/16

Z/031/61/009/005/003/004 D007/D102

Theory and application ...

the following changes by explosive forming: The strength increased from 36 - 38 kg/mm² to 49 - 52.9 kg/mm² at the place of greatest deformation; to 43.5 - 50.3 kg/mm² in the top section; and to 43.3 - 50.6 kg/cm² in the bottom section. (The maximum permissible standard strength for this material is 48 kg/mm²). The ductility increased from 26.4 - 28.8 kg/mm² to 38.8 - 49.8 kg/mm² (in one case even to 50.8 kg/mm²). The elongation decreased considerably and ranged from 6.6 - 18.9%, extreme values being 6 and 24.4% respectively. Contraction values ranged from 59 - 67.8%. Notch-bar strength for 6 mm wall thickness ranged from 5.3 - 19.6 kgm/cm²; in one case only was it as low as 3.7 kgm/cm². Microstructure tests made on samples taken from welds and other places revealed ferritic structure with a small amount of fine-grained perlite. The weld metal had the same structure. The ferrite grains had the same shape as those of the unformed material, which means that deformation (grain stretching), typical for cold-forming, did not take place. A central part, explosively formed during the tests in June 1960, was used for the construction of a one-third-size pressure vessel assembled 4 months

Card 7/16

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Theory and application ...

This test vessel was filled with water and the pressure was increased until failure. At 20 - 25 atm, deformation took place rounding both conical sections, however, failure did not occur until 30 atm. The rupture originated in the bottom section at a distance of 20 mm from and parallel to the weld. The central part remained undamaged, which proves that explosive forming influences the properties of the formed material which retains its toughness despite increased strength and reduced ductility. However, the effects of various explosives on the change of mechanical properties of the formed material are still completely unknown. The insufficient knowledge of laws governing the explosive-forming technique is the greatest obstacle to a wider, economical use of this method. A contribution towards solving this problem was made by Soviet scientist N. Akulov who discovered the laws of plastic flow of metals. comply with the above safety regulations, a site for explosive-forming was chosen at a sufficient distance from factory buildings. Fork lifts and a truck-mounted crane were used for handling the mold. The mold was partially installed underground in a forming pit (Fig.

Card 8/16

Z/031/61/009/005/003/004 D007/D102

Theory and application ...

17) surrounded by a protective earth embankment. The curved bottom of the mold was embedded into the reinforced-concrete base plate. Surroundings of the mold bottom were also concreted with a slope towards a drain to draw-off water ejected from the mold. The drainage pipes end in a river at a distance of about 50 m. The top part of the mold is lifted by three HZ 5 hydraulic jacks. A shelter at a distance of 25 m protects the blastman and houses the controls for water pump and hydraulic jack operation. In conclusion, the author states that explosive-forming, a suitable metal-working method for large, intricate forgings and very hard materials, is not yet used in the CSSR, partly because little is known about the properties of explosives except their destructive properties. There are 20 figures and 2 tables.

ASSOCIATION:

Závody na výrobu vzduchotechnických zařízení, n. p. Milevsko (Plant for the Production of Pneumatic Equipment, National Enterprise, Milevsko).

Card 9/16

POLACEK, J., inz.; LAUTERBACH, J.; VOSAHLIK, R.; KULISEK, B.

Theory and practice of the explosive metal shaping. Stroj vyr
9 no.5:240-245, 248 '61.

1. Zavody na vyrobu vzduchotechnickych zarizeni, n.p.,

Milevsko.

33198 Z/034/62/000/002/002/002 R073/E535

1.1210

AUTHORS: Poláček, J., Engineer, Lauterbach, J., Kulíšek, B.

and Vošahlík, R.

TITLE:

Equipment for explosive forming of hollow bottomless vessels. Patent Application Class 7c, 14, PV 7700-60 dated December 23, 1960

PERIODICAL: Hutnické listy, no.2, 1962, 137

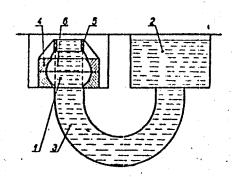
TEXT: The die 4 (Fig. 3), together with the hollow blank to be formed, are fitted watertight on one arm of the communicating vessels 1, 2, 3. Prior to forming, the fluid level is equal or higher than the level of the top edge of the blank 6 which is to be formed. The attachment 5 permits using a higher fluid level. The fluid dampens the unutilised energy during forming. Compared to forming in a die submerged into a container with a fluid, this equipment has the advantage that a large and deep container is not required and that the level of the fluid can be easily regulated. There is 1 figure.

Abstractor's note: Complete translation.

Card 1/2

Equipment for explosive forming ...

33198 2/034/62/000/002/002/002



Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020007-6

VOSAHLIK, V.

Small cleaning machines for gravel beds of railroad tracks in the Soviet Union.

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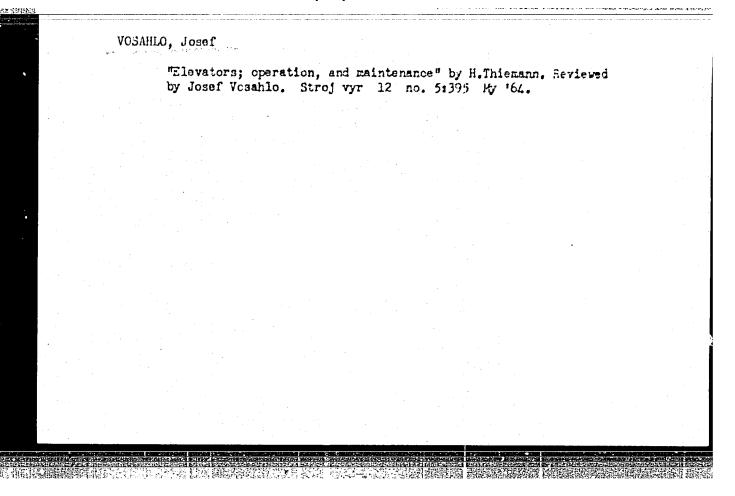
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