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S/124/61/000/003/019/028

A005/A105

Investigation of the dependence ...

on pressure (up to 5,000 kgf/cm²) of some mineral oils, ricinus oil, and silicone liquids are presented. The experiments show that the dependence of the viscosity of mineral oils on the pressure is near the exponential law, and for silicone No. 3 it considerably differs from the latter.

A. Golubev

[Abstractor's note: Complete translation]

Card 2/2

23270

U/123/61/000/005/015/017
A004/A104

5.1210(also 4115)

AUTHOR: Zolotykh, Ye. V.

TITLE: Investigating the dependence of fluid viscosity on pressures up to 5,000 kgf/cm²

PERIODICAL: Referativnyy zhurnal. Mashinostroyeniye, no. 5, 1961, 19, abstract 5E164 ("Tr. in-tov Kom-ta standartov, mer i izmunit. priborov" pri Sov. Min. SSSR, 1960, no. 46 [106], 81 - 95)

TEXT: The author presents a survey on the existing viscosity measuring methods indicating their errors. He describes a viscometer with free-falling steel ball the dropping of which can be observed visually through sight holes. The utilization of small-diameter balls makes it possible to use the viscometer for the investigation of low-viscosity fluids. The viscometer housing is fitted with an axial cylindrical channel 30 mm in diameter which, at the ends, is tapering off to 6 mm. In the narrow part interchangeable copying pipes are placed which hold the ball and impart to it the axial drop. The whole inner hollow of the viscometer is filled with the fluid. The diameter of the dropping ball is chosen, depending on the initial viscosity of the fluid, in the range of 0.6 - 5 mm. The

Card 1/2

23270

Investigating the dependence

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A004/A104

viscometer is adjusted perpendicular. To maintain the necessary temperature it is placed in a thermostatic bath. Together with the bath it can turn on ball bearings through 180° round the feeding pipes, one of which is connected to a hydraulic press. After the necessary pressure has been produced, the viscometer is disconnected from the press. The author investigates the methods and results of investigations of various fluids at temperatures of 14 - 20 - 30 - 35°C and at various pressures. The errors of the viscometer at atmospheric pressure amount to ± 2%. Readjustments caused by high pressures are insignificant and are determined by calculation. The total error at a pressure of 5,000 kg/cm² at a temperature maintained with an accuracy of ± 1° does not exceed ± 5%. There are 24 references.

G. Flidider

[Abstracter's note: Complete translation]

Card 2/2

ZOLOFYKH, Ye. V.

M.K.Zhokhovskii's 50th birthday. Izv. tekhn. no.1:59 Ja-F '55.
(MIRA 8:9)
(Zhokhovskii, Mikhail Konstantinovich, 1904--)

ZOLOTYKH, Ye.V.

Investigation of fluid viscosity-pressure dependence at 5000 kg/cm².
Izm. tekhn. no.3:42-46 My-Je '55. (MIRA 8:9)
(Pressure (Physics))

ZOLOTYKH, Ye. V.

"Investigation of the Dependence of Oil Viscosity on Pressure up to 5000 kg/sq cm."
Sub 26 Jun 51, Moscow Order of the Labor Red Banner Petroleum Institute Academician
I. M. Gubkin

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

ZOLOV, A.

We are expanding economic contacts and improving the organization of labor. Vnesh.torg. 42 no.1:32-35 '62. (MIRA 15:1)

1. Zamestitel' predsedatelya Soveta Ministrov Belorusskoy SSR, predsedatel' Komissii sodeystviya eksportu po ESSR. (White Russia--Commerce)

ZOLOVSKIY, A.P. [Zolovs'kyi, A.P.]

Agricultural map of the Ukrainian S.S.R. at the Republic exhibition of advanced practices in the national economy. Vissnyk Kyiv. un.Ser.geol.ta geog. no.1:133-139 '58. (MIRA 12:10)
(Ukraine--Agriculture--Maps)

BELOV, V.V.; ZOLOYEV, K.K.; SPASSKIY, A.A.

Localization of mineralization in asbestos zones of the Urals
and large-scale prospecting mapping of ultrabasic complexes.
Zakonom. razm. polezn. iskop. 6:206-221 '62.

(MIRA 16:6)

1. Ural'skoye geologicheskoye upravleniye.
(Ural Mountains--Asbestos)
(Ural Mountains--Ultrabasic)
(Ural Mountains--Geology--Maps)

ZOLOYEV, K.K.

Geological conditions of the distribution of asbestos zones
in the Urals. Zakonon. razm. polezn. iskop. 6:153-168 '62.
(MIRA 16:6)

1. Ural'skoye geologicheskoye upravleniye.
(Ural Mountains--Asbestos)

ZOLOYEV, M.T.

Oil recovery of layers. Geol. nefti 2 no.6:50-53 Ja '58.

(NIRA 11:7)

1. Neftepromyslovoye upravleniye "Tuymazanefi"
(Petroleum--Analysis)

ZOLOYEV, M.T.; MIKHAYLOVSKIY, N.K.; SHELKACHEV, V.N., professor, doktor
tekhnicheskikh nauk.

Some characteristics of the oil-water boundary shift in the case
of peripheral flooding in sloping sands. Trudy MNI no.12:126-138
'53. (MLBA 9:8)

1. Glavnyy geolog tresta Tuymazanef't' (for Zoloyev); 2. Nachal'nik
geologicheskogo otdela tresta Tuymazanef't' (for Mikhaylovskiy).
(Oilfield flooding)

ZOLOYEV, M.T.; LEBEDEV, S.A.; USENKO, V.F.

Study of oil wells when bottom pressure is below the saturation
pressure. Trudy VNII no.25:80-114 '59. (MIRA 15:4)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
(Oil reservoir engineering)

ZOLOYEV, M.T.; USENKO, V.F.; KOBELEVA, V.A.; KISLYAKOV, Yu.P.;
ISANGULOV, K.I.; GAZIZOV, Z.S.

Study of producing wells having bottom pressure below saturation
pressure. Trudy MINKHIGP no.33:213-225 '61. (MIRA 15:1)
(Oil ~~well~~ reservoir engineering)

ZOLOYEV, T.M.; IMANAYEV, N.G.; KOBELEVA, V.A.; YAKUPOV, F.M.

Development of the Apsalyamovo water cut petroleum area of
the Tuymazy field. Neft. khcz. 42 no. 3:21-26 Mr '64.
(MIRA 17:7)

GVANESOV, G.P.; ZOLOYEV, T.M.; ZADOV, L.P.

Oil prospecting in the Volga-Ural region for the last 200 years.

Geol. nefti i gaza 8 no.9:28-32 S '64.

(MIRA 17:11)

1. Sovet narodnogo khozyaystva RSFSR i Sredne-Volzhskiy sovet narodnogo khozyaystva.

ZOLOYEV, T.M.; KOBEL'VA, V.A.

Means for increasing oil yield. Geol. nefti i gaza 1960. No. 11:54-59 #
(MIRA 13:12)

1. Neftepromyslovoye upravleniye Tuzmazanefi'.
(Oil fields---Production methods)

ZOLOYEV, T.M.; KOBELEVA, V.A.; SHELDYBAYEVA, N.A.

Exploitation rates and recovery factors of oil pools. Neft, khov.
36 no.10:31-35 0 '58. (MIRA 11:12)
(Petroleum research)

ZOLODEV, T.M.; IMANAYEV, N.G.

Effectiveness of well plugging and methods for testing and correcting
the airtightness of cement well walls. Neft. khoz. 36 no. 7:38-44
Jl '58. (MIRA 11:12)

(Oil well cementing)

KUVYKIN, S.I.; OVANESOV, G.P.; ZOLOYEV, T.M.; SHAYEVSKIY, Yu.I.

Oil recovery from a nonuniform stratum. Geol. nefti i gaza
5 no.12:23-30 D '61. (NIRA 14:11)

1. Bashkirskiy sovmarkhoz.
(Bashkiria--Oil reservoir engineering)

BOL'SHAKOV, L.; ZOLOYEV, V.

Development of Soviet exports. Vnesh.torg. 30 no.7:2-9
'60. (MIRA 13:7)

(Russia--Commerce)

ZOLOYEV, Vasily Timofeyevich; MEL'NIKOVA, Ye.E., red.izd-vn; VOLKOVA,
Ye.D., red.izd-vn;

[Operational accounting in the foreign trade of the U.S.S.R.]
Operativnyi uchet vneshnei trgovli SSSR. Moskva, Vneshtorg-
izdat, 1959. 171 p. (MIRA 13:4)
(Russia--Commerce) (Accounting)

ZOLOYEV, Vasily Timofeyevich

Operational accounting in USSR foreign trade.
New York, USJPRS, 1961.

202 p. tables. (JPRS: 4300; CSO: 1138-S)

Translated from the original Russian: Operativnyy
uchet vneshey trgovli SSSR, Moscow, 1959.

ZOLTAI, Denes

"Psychology of musical talents" by B.M. Tyeplov [B.M. Taplov].
Reviewed by Denes Zoltai. Magyar pszichol szemle 1.8 no.3:390-393
'61.

SZTANKAY A. and ZOLTAI N. A Szegedi Tudom. Seb. Klin. Kosl.en. Hazai
toxicitási vizsgálatok alfanaphthylthiocarbamiddal, a korszerű patkányirtószórral,
Toxicity assays with α -naphthylthiocarbamide (a rat poison), Népegészségügy,
Budapest 1950 31/1 (36-41) Tables 4

so: Medical Microbiology and Hygiene, Section IV, Vol 3, No. 1-6

ZOLTAI, E.; JOBAHAZI, J.

"Effect of the free-cyanic content of the bath for the rapid process of coating with copper on the current efficiency." p. 161

GEP. (Gépipari Tudományos Egyesület). Budapest, Hungary.
Vol. 11, No. 4, Apr. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959
Uncla.

EXCERPTA MEDICA Sec.13 Vol.4/5 Pub.Health, Etc. May 58

ZOLTAI, -N.

1815. THE MOSQUITO PROBLEMS IN THE FLOODING AREAS OF THE DANUBE AND THE POSSIBILITIES OF THEIR SOLUTION ON THE BASIS OF EXPERIENCE IN THE LAST THREE YEARS - A dunai árterek területek szén-
yog problémája és annak megoldási lehetőségei - Zoltai N., Országos
Közegészségügyi Intézet, Budapest - EGÉSZSÉGTUDOMÁNY 1957, 1 (21-30)
Illus. 3

The dominant mosquitoes in the areas are Aedes species (A. vexans, caspius, sticticus, rossicus and hungaricus Mihályi n. sp.). The procreation begins immediately with the flood, if the water temperature is over 10° C. Larval destruction should be started at this moment to inhibit the breeding. DDT spraying of the vegetation in the flood area and its surroundings is a very suitable measure for this purpose, which has a lasting effect until the next flood. By means of spraying machinery with tractor locomotion or from aircraft, extensive areas, including woodland, can be dealt with in a short time.

ZOLTAI, Nandor, dr.; JANKO, Maria, dr.

Pathogenetic significance of *Endamoeba histolytica* strains in
Hungary. Orv.hetil. 101 no.39:1369-1374 25 S '60.

1. Orszagos Koszegeszsegugyi Intezet, Parazitologiai Osztaly
(*ENDAMOEBIA HISTOLYTICA*)

ZOLTAI, Nandor

Present state and perspectives of research on human protozoology
in Hungary. Biol kozl 12 no.1;67-73 '64.

1. National Institute of Public Health, Budapest.

KINEL, Karoly (Budapest); MATAI BALOGH, Janos (Budapest); ZOLTAI, Peter
(Budapest)

Innovators' letters. Ujit lap 14 no.23:30 10 D '62.

ZOLOJEV, A., inzh.-ekonomst

Mechanical assistants in office work. NTO 2 no.8:20 Ag '60.

(MIRA 13:10)

(Office equipment and supplies)

SVV/93-58-7-8/17

AUTHOR: Zoloyev, T.M. and Imanayev, N.G.**TITLE:** Quality of Oil Well Plugs and Methods for Testing and Improving the Tightness of Cement Collars at the Lower End of Casing Columns (O kachestve tampozazha skvazhin i metodakh proverki i ispravleniya nagermetichnogo tsementnogo kol'tsa na kolonnoy)**PERIODICAL:** Neftyanoye khozyaystvo, 1958, Nr 7, pp. 38-44 (USSR)

ABSTRACT: The article states that leaky cement collars at the lower end of casing columns, poor quality of cement, and the off-center position of some casing columns (Fig. 1) lead to premature flooding of wells at the Tuzkazy oilfield. The authors made a study of flooded wells and presented the experimental data in Table 1. The quality of plugging cement employed is presented in Table 2. The cement plugs were tested by pumping activated fluid into the well according to a method proposed by MNI im. akad. I.M. Gubkina (MNI im. acad. I.M. Gubkin). It was determined that when the cement plugs were of good quality the radioactive isotopes penetrated only the perforated interval (Fig.2). When the cement plugs were defective the radioactive isotopes penetrated up to the lower water-bearing horizon or to the water-bearing sector in the uniform layer (Fig.3). The quality of defective plugs was improved by pumping cement slurry into the filter of the column by means of a hydraulic press according to the method of V.D. Malavanskiy (Ref.2). Fig. 4 shows the good results obtained by this method as well as by using the fine cements of UFNK (Ref.3). The injection of cement into the layers with the aid of hydraulic fracturing was carried out according

Card 1/2

Quality of Oil Well Plugs and Methods (Cont.)

Sov/93-58-7-8/17

to the method described by A.K. Krupnov and N.G. Imanayev in their article "Blocking of Bottom Water at the Taymazanef't' Oilfields by Hydraulic Fracturing of the Formation" (Izolyatsiya podoshvennykh vod s primeneniym gidrorazryva plasta na promyslakh Taymazanef'ti), published in Neftyanoye khozyaystvo, 1957, Nr 11. The good results obtained with this method are shown in Figs. 5 and 6. Use was also made of the VNII method requiring injections of urea-formaldehyde resin into the formation. The authors point out that defective cement plugs produce oil of high water content (Fig. 7), and they make seven suggestions on how to eliminate the premature flooding of wells. There are 7 figures, 2 tables, and 4 Soviet references.

Card 2/2 1. Petroleum--Production

BOV/ 93-58-10-7/19

11(0)

AUTHOR: Zoloyev, T.M., Kobeleva, V.A., and Sheldybayeva, N.A.

TITLE: The Rate and Ampleness of Output of the Oil Deposits
(Tempy i polnota vyrabotki zalezhey nefti)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 10, pp 31-35 (USSR)

ABSTRACT: The Tuymazy Oilfield was discovered in 1944 and the initial estimate of petroleum reserves in the D_I and D_{II} formations was made in 1949. A second estimate was made by the VNII Institute in 1954 and a third by the Tuymazanef't' NPU in 1957. The capacity of the D_I and D_{II} formations are given

in Figs. 1-2 and the production rates in relation to the initial and current estimates of reserves are given in Tables 1-3. The data show that the actual production coefficient for the two formations is 0.43 instead of 0.58 as determined by the initial estimate of the reserves. The low production in relation to the reserves presents a serious problem for the further development of the large Devonian oilfields, but the scientific and research organizations do not bother to analyze the industrial data on the D_I and D_{II} formations.

There are 2 figures and 3 tables.

Card 1/1

ZOLOYEV, T.M.

More on the oil recovery factor. Geol.nefti i gaza 3 no.6:40-45
Je '59. (MIRA 12:8)

1. Neftepromyslovoye upravleniye Tuzmazanefi'.
(Oil reservoir engineering)

ZOLOYEV, T.M.

Activity of petroleum geologists of the Oil Field Administration
of the Tuymazy Petroleum Trust. Geol.nefti i gasa 3 no.8:50-51
Ag '59. (MIRA 12:11)

1. Neftepromyslovoye upravleniye Tuymazanef't'.
(Tuymazy region--Oil fields--Production methods)

MUSHIN, A.Z.; ZOLOYEV, T.M.

Means for improving the tapping of producing layers in oil, injection, gas, and test wells. Geol. nefiti i gaza 4 no.5:38-42 My '60.

(MIRA 13:9)

1. Vsesoyuznyy neftegasovyy nauchno-issledovatel'skiy institut i Tuymazaneft'.

(Oil well drilling)

ZOLOYEV, V.

Further extension of Soviet exports. Vnesh. torg. 28 no.8:21-28 '58.
(MIRA 11:9)

(Russia--Commerce)

ZOLOYEV, V.
ZOLOYEV, V.

~~Methods of computing statistical data on Soviet foreign trade.~~
Vnesh. torg. 27 no.12:33-37 '57. (MIRA 10:12)
(Russia--Commerce--Statistics)

ZOLOYEV, V.

Improve statistical research on foreign trade, Vnesh. torg.
29 no.3:40-42 '59. (MIRA 12:7)
(Commercial statistics)

FRADOSHCHUK, P., ; DERKACH, N.; ZOLOZAYEVA, L.; SHARIPOVA, T., starshiy
dvornik; SHAPOVALOV, V., ~~LENTKIN~~; LENTKIN, M., tehnik-smotritel'

Our apartment house. Zhil.-kom. khoz. ll no. 1:4-6 '61.
(MIRA 14:2)

1. Upravlyayushchiy komitet Devyatogo domcupravleniya, g. Sevastopol' (for Fradoshchuk).
2. Predsedatel' roditel'skogo komiteta Devyatogo domcupravleniya, g. Sevastopol' (for Derkach, N.).
3. Predsedatel' domovogo komiteta Devyatogo domcupravleniya, g. Sevastopol' (for Zolozayeva).
4. Devyatoye domcupravleniye, g. Sevastopol' (for Shapovalov, Sharipova, Len'kin).
(Sevastopol'--Apartment houses)

L 1260-66

ACCESSION NR: AP5024392

U/R/0286/65/000/015/0073/0073Q
015.372.002.2

B

AUTHOR: Arkhipov, V. V.; Filonov, Yu. A.; Mechayeva, L. A.; Khrushchev, V. G.;
Perminov, T. A.; Shevryev, N. S.; Zolozov, I. S.; Belyayev, A. S.; Nozdrahev, A.
I.; Yevglevskiy, A. A.

TITLE: A method for manufacturing tuberculin. Class 30, No. 173381

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 73

TOPIC TAGS: tuberculosis, immunology, allergen

ABSTRACT: This Author's Certificate introduces a method for manufacturing tuber-
culin. The method consists of growing a tubercular culture on a nutrient medium,
removal of the bacterial matter and filtration. An active and specific allergen is
produced and labor-consuming operations are reduced by exposing the culture to
Co⁶⁰ γ-radiation.

ASSOCIATION: none

SUBMITTED: 11Jun64

EXCL: 00

SUB CODE: IS

NO REF SOV: 000

OTHER: 000

Card KA

ZOLTAI, Dénes
SURNAME (in caps); Given Names

Country: Hungary

Academic Degrees: [not given]

Affiliation: [not given]

Source: Budapest, Magyar Pszichológiai Szemle, Vol 18, No 3, 1961,
pp 390-393.

Data: [Bookreview] Psychology of the Musical Capabilities.

Author: TYEPLOV, B.M., [presumably USSR]

Translator: KOMAR, Pál

Publisher: Tankönyvkiadó, Budapest, 1960

JOBHAZI, Jeno; ZOLTAI, Endrene

Carburization atmosphere of gas cementation furnaces with
direct feeding, operated by liquid hydrocarbons. Kohlap
95 no.3:123-128 Mr '62.

ZOLTAI, Lajos

River-sea radar in the service of navigation. Jarnu mezo gap 6 no.1:
11-13 '59.

JULESZ, M.; CZEIZEL, E.; BODNAR, E.; HANCSOK, M.; ZOLTAI, N.; ZOLTAI, L.;
JANKO, M.

Toxoplasmosis as a cause of adiposogenital dystrophy. Orv. hetil.
105 no.36:1723 6 S '64.

CZEIZEL, Endre, dr.; BOGNAR, Zoltan, dr.; HANGSOK, Mariusa, dr.; ZOLTAI,
Nandor, dr.; JANKO, Maria, dr.; ZOLTAI, István, dr.

Toxoplasmosis in pregnancy. Orv. hetil. 105 no. 27:1259-1265
5 J1'64.

1. Országos Közegészségügyi Intézet és Fővárosi Tanács János
Kórház, II. Szülészeti Osztály.

SZTANKAY-GULYAS, M.; ZOLTAI, N.

Investigation of the DDT resistance of house-flies and the newer methods
of control in Hungary. J.hyg. epidem. 6 no.3:296-302 '62.

1. National Institute of Hygiene, Budapest.
(DDT) (DIPTERA) (INSECTICIDES)

BALLO, Tibor, dr.; LORANT, Olga, dr.; ZOLTAI, Nandor, dr.; JANKO, Maria, dr.;
SZECSEY, Gyorgy, dr.

Clinical observations on the pathological role of *Entamoeba histolytica* in Hungary. Orv.hetil. 102 no.7:309-306 12 F'61.

I. Fovarosí Arpad Kórház, Csécseno- és Gyermekosztály, Országos
Közegészségügyi Intézet, Parazitológiai Osztály és a Fovarosí
Kórház IV. kerületi Laboratóriuma,
(AMEBIASIS epidemiol)

CZEIZEL, Endre, dr.; BOGNAR, Zoltan, dr.; HANCSEK, Mariusz, dr.; ZOLTAI,
Nandor, dr.; JANKO, Maria, dr.; ZOLTAI, Laszlo, dr.

Toxoplasmosis in pregnancy. Orv. hetil. 105 no. 27:1259-1265
5 JI '64.

1. Országos Kozegészségügyi Intézet és Fővárosi Tanács János
Kórház, II. Szülészeti Osztály.

JULESZ, M.; CZEIZEL, E.; BCSNAR, E.; HANGSOK, M.; ZOLTAI, N.; ZOLTAI, L.;
JANKO, M.

Toxoplasmosis as a cause of adiposogenital dystrophy. Orv. hetil.
105 no.36:1723 6 S '64.

ZOLTAI, Nandor, dr.; JANKO, Maria, dr.; HANCOK, Mariusz, dr.;
PALKOVICH, Imre, dr.; CZEIZEL, Endre, dr.

Simultaneous occurrence of amebiasis and fetal diseases.
Orv. hetil. 106 no.45:2125-2127 7 N '65.

1. Orszagos Kozegeszsegugyi Intezet, Parazitologiai Osztaly
(foigazgato: Bakacs, Tibor, dr.) es Fovarosi Tanacs Janos
Korhaz, II. Szuleszeti Osztaly (foorvos: Hancok, Mariusz, dr.).

(2)

HUNGARY

JANKO, Maria, Dr, BALLO, Tibor, Dr, IORANT, Olga, Dr, SZECSEY, Gyorgy, Dr, ZOLTAI, Nandor, Dr; National Public Health Institute, Department of Parasitology (Chief Director: BAKACS, Tibor, Dr) (Orszagos Kozegeszsegugyi Intezet, Parazitologiai Osztaly), Arpad Hospital, Pediatric Ward (chief physician: BALLO, Tibor, Dr) (Arpad Korhaz, Gyermekosztaly), and Medical University of Budapest, III. Medical Clinic (director: GERO, Sandor, Dr) (BOTE -- Budapesti Orvostudomanyi Egyetem, III. Belgyogyaszati Klinika).

"The Incidence of Entamoeba Histolytica Infections Within Families, (Communities), in Hungary."

Budapest, Orvosi Hetilap, Vol 107, No 11, 13 Mar 66, pages 502-504.

Abstract: [Authors' Hungarian summary] Among the 338 members of 105 families, 63 per cent gave positive results in comparison with a 26 per cent positivity found among hospitalized cases which were tested because their clinical symptoms gave rise to a suspicion of the presence of infestation. These data confirm the theory that *E. histolytica* infestation is characterized by a familial concentration. This concentration must be taken into consideration in the diagnosis of the disease, the setting up of epidemiological measures and in therapy as well. In practice this means that, in the presence of a diagnosis of *E. histolytica*, every member of the given family or closely knit community must be tested. Those found to be positive must under-

H/011/61/000/008/001/001
D021/D105

AUTHOR: Zoltai, Zoltán

TITLE: Application of the light diffraction phenomenon for controlling machine tools

PERIODICAL: Gép, no. 8, 1961, 299-301

TEXT: The article deals with the problem of using the phenomenon of light diffraction, mainly that of moiré fringes, for controlling automatic machine tools. The author draws the attention of Hungarian machine tool designers and builders to this possibility, since, during the coming 10-15 years, the Hungarian machine tool industry will be faced with a large-scale development program for the achievement of which the methods discussed here could play an important role. Reference is made to the research carried out in this field in Great Britain by the National Physical Laboratory and the National Engineering Laboratory, as well as to the practical work of Ferranti Ltd and Ultraelectric Co. Ltd, on which most of the data presented in the article are based. After a brief description of the

Card 1/2

H/011/61/000/008/001/001
D021/D105

Application of the light diffraction phenomenon for controlling machine tools

physical characteristics of light diffraction and of diffraction gratings, and an indication of some methods of manufacturing such gratings for producing moiré fringes, the author proceeds with a presentation of several examples on the practical application of the phenomenon in controlling machine tool operations. The main advantage of this method is the elimination of the possibility of transferring the effect of the machine tool failure to the products. There are 5 figures and 3 non-Soviet bloc references. The three references to English language publications read as follows: The NPL and NEL: Moiré fringes for measurement and control; D.V. Blake and L.A. Sayce: Machine tool monitor using diffraction gratings. Trans. Soc. Instrum. Tech. 1958. 10 (4) p. 190-196; J. Guild: Diffraction gratings or measuring scales. London, Oxford University Press 1960.

Card 2/2

ZOLTAN, A.

"Achievements in the field of studies of leptospira in Hungary."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

ZOLTAN, Bela

International meeting of radio amateurs in Leipzig.
Radiotechnika 10 no.8:4 of cover Ag '60.

ZOLTAN, G.

What we have to know of the modern preparation of ointments.
Gyogyaszerez 6 no. 12:279-283 Dec 1951. (CLML 23:5)

1. Doctor.

FILIPOIU, Alexandru (Buzau); CAPITAN, Gh., prof. (Anita); URSESCU, Octavian (Bucuresti); BUCUR, Ioan, prof. (Sibiu); PARLAPAN, Stefan (Galati); ZOLTAN, Demeny (Aiud); COREAN, C. Aurelian; BOHZE, Gheorghe I. (Valea, Buzau); MIRZAN, D., prof. (Vilcea); GOREA, Aristide (Ploesti); IONESCU-TIU, C.

Exercises and problems proposed for grades 5-8. Gaz. nat. B. 16 no.4:177-179 Ap '65.

ZOLMAN, DEZSO

Egyl a szocialista vasut. (Budapest) Nepszava (1952) 43 p. (Cheves Tervunk Nagy Movel) (The socialist railroad is built. Illus.)

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

SOLTI, F.; ISKUM, M.; ZOLTAN, E.T.

The effect of nicotine on venous pressure and venous tone. Acta
med. hung. 17 no.2:109-116 '61.

1. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsanyi) der medizini-
schen Universität Budapest.
(NICOTINE pharmacol.) (BLOOD PRESSURE pharmacol.)
(VEINS pharmacol.)

HUNGARY

SOLYAN, Gusa. Dr; State Radiological and Radiation Physical Institute
(Országos Röntgen és Sugárfizikai Intézet), (director: BUCKOZY, Nandor, Dr.
professor).

"A technique for the Plastic and Detailed Representation of X-Ray
Pictures."

Budapest, Magyar Radiologia, Vol XV, No 1, Jan 1963, pages 53-56.

Abstract: [Author's English summary modified] Starting out from Alexander's
old procedure, the author describes a successful method developed by
him. With this technique detailed X-ray pictures are obtained which,
without displacement, show an image resembling that of the doggram.
1 Hungarian, 9 Western references.

1/1

ZOLTAN, Geza, dr.

A method for presentation of a detailed x-ray picture in relief.
Magy. radiol. 15 no.1:53-56 Ja '63.

1. Az Orszagos Rontgen es Sugarfizikai Intezet Kozlemenye (Igazgato:
Ratkoczy Nandor: dr. egyetemi tanar.
(TECHNOLOGY, RADIOLOGIC)

ZOLTAN, Gyozo, okleveles banyamernok

Permeability determination of reservoir rocks. Bany Lap 97 no.7:500-505 JI '64.

1. Oil Production Research Laboratory of the Hungarian Academy of Sciences, Miskolc-Egyetemvaros.

EXCERPTA MEDICA Sec 9 Vol 13/10 Surgery Oct. 59

5712. REPLACEMENT OF THE ALAE NASI - Ersatz der Nasenflügel - Zoltán J. Budapest - ZBL. CHIR. 1958, 83/8 (545-557) illus. 18

A few methods of reconstruction of the alae nasi are described on the basis of the literature and personal experience. The best results can be obtained with a so-called compound graft from the ear, which resembles the alae of the nose most in respect of structure. Its transplantation is a simple, safe and quick process. This old procedure, which has dropped into oblivion and has been renewed in the last 10 yr., allows almost complete abolition of local operations and has limited the indications of plastic surgery using round pedicles and flaps.

(IX, 19)

EXCERPTA MEDICA Sec.9 Vol.11/12 Surgery

ZOLTAN J.

6280. (1320) ZOLTAN J. *A syndaktylia műtete, különös tekintettel a szorosan összenőtt ujjak szétválasztására. Operation for syndactaly with

0280

CONT.

special reference to the separation of the almost completely united fingers or where there is a cessation of the normal separation process the author reports 17 cases treated by Burian's method of operation. After development of the interdigital fold by 2 triangular flaps he makes a saw-like zig-zag incision on both the volar and dorsal surfaces. In this manner the interdigital fold and its function is not affected. The skin defect is covered by grafting. Excellent results.

Pap - Debrecen

ZOLTAN, Janos, dr.; PASTINSZKY, Istvan

Plastic surgery and dermatology. Borjogy. vener. szemle 38 no.1:1-10
F '62.

(DERMATOLOGY surgery) (SURGERY PLASTIC)

ZOLTAN, Janos, dr., az orvosi tudományok kandidátusa, főorvos

Plastic surgery. Elet tud 15 no.14:439-442 3 Ap '60.

*

ZOLTAN, Jozsef, dr.

What is the origin of the name of Filatori-gat? Elot tud 17
no.38:1206 23 S '62.

1. Szabo Ervin Konyvtar osztalyvezetoje.

POLAND-HUNGARY

ZOLTAN, I., Prof. Dr., Director of Second Clinic of Gynecology, Medical Academy, Budapest (Hungary) [Original version not given] [Translated by Tadeusz FARYNA, Dr. med. (Affiliation not given)]

"Some Notes on Pathological Observations and Clinical Procedures in Obstetrics."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 19-20, 6-13 May 63, pp 709-713.

Abstract: [Author's English summary modified] Author reviews some of the modern developments in obstetrics and notes the decline in mortality, and the near-disappearance of puerperal fever or fatal hemorrhage. On the other hand, pregnancy toxemia, or complications due to defects of the heart muscle or to diabetes are more frequently observed. The author is a strong advocate of Caesarian section for delivering mothers with heart trouble, since studies on the oxygen consumption and effect of 17 corticoids revealed that the charge of the patient from the operation is less than from the labour pains. 15 refs: 2 Hungarian, 1 German, and the others Western.

1/1

ZOLTAN I., CSILLAG M.

A noi ivari ciklus jelenségeinek visegaluta dialaktikus szemlelet alapjan. [Investigation of the femal sexual cycle on basis of dialectic aspects] Orv. habil., Budap. 92:25 30 June 51 p. 821-5.

1. Doctors. 2. Second Women's Clinic (Director--Prof. Dr. Luro Zoltan), Budapest Medical University, CIML Vol. 20, No. 10 Oct 1951

ZOLTAN, I.

The role of nervism in gynecological research work. Orv. hetil.
93 no.51:1441-1447 21 Dec 1952. (CIWL 24:2)

1. Doctor. 2. Second Women's Clinic (Director -- Prof. Dr. Imre
Zoltan), Budapest Medical University.

ZOLTAN, I.

"Unwholesome consequences of criminal abortion in connection with the health of the individual." p. 79 (NEPEGESZSEGUGY, Vol. 34, no.3, Mar. 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
Aug. 1953, Uncl.

IGO, Janos, dr.; ERNESZT, Judit, dr.; ZOLTAN, Imre, dr.

The preparation of pregnant women with heart diseases for delivery. Magy. noorv. lap. 18 no.4:214-217 July 55.

1. A Budapesti Orvostudományi Egyetem II. sz. női klinikájának közleménye. (Igazgató: Zoltan, Imre dr. egyetemi tanár).

(HEART DISEASE, in pregn.

hospitalization & prep. for delivery, comparison of results with unprep. patients. (Hun))

(PREGNANCY, in various dis.

heart dis., hospitalization & prep. for delivery, comparison of results with unprep. patients. (Hun))

(PRENATAL CARE

hospitalization & prep. of heart dis. patients for delivery. (Hun))

ZOLTAN, Imre, dr.,; VACZY, Laszlo, dr.,; MOLNAR, Rezső, dr.,; SANDOR,
Tibor, dr.,; MEHES, György, dr.

Our results in the therapy of cancer of the uterine cervix, and
theoretical problems of the therapy. Magyar orv. lap. 19 no.1:
1-15 Jan 56

1. A Budapesti Orvostudományi Egyetem II. sz. női klinikájának
közleménye (Igazgató: Zoltan Imre dr., Egyetemi tanár)
(CERVIX, UTERINE, neoplasms
ther., follow-up & surg. problems (Hun))

ZOLTAN, I.; VACZY, L.; MOLNAR, R.; SANDOR, T.; MEEHES, Gy.

Results in therapy of portio carcinoma, and basic problems of therapy. Acta med. hung. 10 no.3:217-232 1957.

1. II. Frauenklinik der Medizinischen Universität, Budapest.
(CERVIX NEOPLASMS, ther.
radiother. & surg. in carcinoma of portio vaginalis
(Ger))
(RADIOTHERAPY, in various dis.
cancer of portio vaginalis of uterine cervix (Ger))

ZOLTAN, FARE, Dr.
ZOLTAN, Imre, Dr.

~~The life and work of Semmelweis.~~ Orv. hetil. 98 no. 41:1126-1131
13 Oct 57.

1. Az Orvos Ketilap adatainak 100 évfordulója a szerkesztőség felkereser irt tanulmány.

(BIOGRAPHIES

Semmelweis, Ignac (Hun))

ZOLTAN, Iare, dr.

Current clinical problems of uterine cancer. Orv. hetil. 196
no.3:97-103 Ja 17 '64.

1. Budapesti Orvostudományi Egyetem, II. Női klinikum (igazgató:
Zoltan Iare dr.)

ZOLTAN, Imre, az orvostudományok doktora, egyetemi tanár

General meeting of the Sandor Kornay Society. Magyar tud 68
no.12:758-759 D '61.

1. Budapesti Orvostudományi Egyetem.

ZOLTAN, I.

Some observations on the pathological and clinical aspects of
obstetrics. Pol. tyg. lek. 18 no.19/20:709-713 6-13 Ny 1963.

1. Z II Kliniki Chorob Kobietych Akademii Medycznej w Budapeszcie;
kierownik: prof. dr I. Zoltan.

(CESAREAN SECTION) (MATERNAL MORTALITY)
(PUERPERAL INFECTION) (PREGNANCY COMPLICATIONS)
(STATISTICS) (HEMORRHAGE, POSTPARTUM)

SOLTAN, Imre

SURNAME, Given Names

Country: Hungary

Academic Degrees: Dr, professor

Affiliation: Director of the No 2 Gynecological Clinic of the Budapest Medical University (Budapesti Orvostudományi Egyetem II.sz. noi klinikája)

Source: Budapest, Orvosképes, Vol 36, No 2, April 61, pp 93-104

Data: "Prerequisites of Cesarean Section."

GPO 981643 129

ZOLTAN, Imre, Dr. egyetemi tanar.

Effects of cesarean section on the further fate of the mater and newborn. Magy. neorv. lap. 22 no.2:55-92 Mar 59.

1. A Budapesti Orvostudományi Egyetem II. sz. Női Klinikájának közleménye (Igazgató: Zoltan Imre dr. egyet. tanár)

(CESAREAN SECTION

late eff. on mother & inf. (Hun))

ZOLTAN, J.

Our method of repairing skull defects. Acta chir. plast.
(Praha) 6 no.2:146-152 '64

1. Abteilung für plastische Chirurgie, Zentralhospital, Budapest
(Ungarn); Chefarzt: Doz. Dr. J.Zoltan, S.Sc.

ZOLTAN, Janos, dr.

Restoration of amputated breast. *Magy. sebészet* 9 no.5:298-303
Oct 56.

(MASTECTOMY

restoration of amputated breast by autografts, surg.
technic (Hun))

ZOLTAN, János

ZOLCZER, László, dr.; ZOLTAN, János, dr.

Extensive injury of the forehead. Magy. sebeszet 10 no.1:
14-19 Mar 57.

1. Az Országos Traumatológiai Intézet Közlemény Igazgató:
Kudasz, József, dr. egyetemi tanár.

(HEAD, wounds & inj.

extensive inj. of temporal bone with cerebral prolapse &
open fract., recovery after plastic surg. (Hun))

ZOLTAN JANOS, DR.

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

3144. RECONSTRUCTION OF BUCCAL DEFECTS - Zoltan J. Budapest -
BRIT. J. PLAST. SURG. 1958, 11/2 (134-141) III. 11

The disabilities caused by through and through loss of the cheek are discussed. There are 3 main types of procedures available for reconstruction: (1) repair by use of surrounding tissue; (2) repair of one surface from surrounding tissues and reconstruction of the other wall by tissues taken from a distant site; (3) full thickness repair with all tissues taken from distant sites. The first named method is preferable but is seldom feasible. Detailed descriptions of procedures used in 2 cases are presented.
Huffman - Iowa City, Ia. (IX, 19*)

EXCERPTA MEDICA Sec 12 Vol 13/8 Ophthalmology Aug 59

1298. A RARE CASE OF FORMING AN ORBIT AND TWO LIDS AT THE SAME TIME - A szemüreg és mindkét szemhéj egyidejű képzésének ritka esete - Zoltan J. - SZEMESZET 1958. 93/3 (97-103) Illus. 7

Orbit and lids were formed from a tube graft lined with half-thick skin taken from the abdominal wall. The lining of the orbit was formed by the skin of the abdomen. The skin of the lids was made of free transplantation. To complete the operation neoplasty of the eye-brow was done with an arterial graft from the temporal region. Orbán - Budapest

ZOLTAN, Janos, dr.

The development of plastic surgery since the time of Belassa
to the present time. Orv. hetil. 105 no.9:385-390; 1 Nr'64.

KOS, Rudolf, Dr.; ZOLTAN, Janos, Dr.

Experiences with cutis-plate plastic surgery in hernias. Orv. hetil.
99 no.48:1675-1677 30 Nov 58.

1. A Budapesti Orvostudományi Egyetem II. sz. Sebészeti Klinikájának
(igazgató: Klinika Dézso dr. egyet. tanár) és a Magyar Nephadsereg Egés-
zsegügyi Szolgálatának közleménye..

(HERNIA, surg.)

cutis transpl. for closure (Hun))

(SKIN TRANSPLANTATION)

cutis transpl. for closure of hernias (Hun))

PASZTOR, Emil, dr.; SZABO, Gyula, dr.; SLOWIK, Felicia, dr.;
ZOLTAN, Janos, dr.

Extra- and intra-cranially located cavernous hemangioma
(a case of surgically removed cavernous hemangioma from the
base of the skull). Ideggyogy. szemle 16 no.10:297-305 0 '63.

1. Az Orszagos Idegsebészeti Tudományos Intézet és a Központi
Honved Kórház közleménye.

(HEMANGIOMA, CAVERNOUS) (FACIAL NEOPLASMS)
(SKULL NEOPLASMS) (PARIETAL BONE)
(OCCIPITAL BONE) (CEREBRAL ANGIOGRAPHY)
(NEUROSURGERY) (SURGERY, PLASTIC)
(TOMOGRAPHY) (PATHOLOGY)

ZOLTAN, J.

eyebrow replacement by the "transport flap" procedure. Acta chir.
plast. 5 no.2:104-110 '63.

1. Abteilung für Plastische Chirurgie, Zentral Spital, Budapest
(Ungarn) Vorstand: Doz. Dr. med. J. Zoltan, CSc.
(EYEBROWS) (SKIN TRANSPLANTATION) (SCALP)

ZOLTAN, Janos

HUNGARY

MD

Health Service of the Hungarian People's Army
(Magyar Nephadsereg Egeszsegugyi Szolgalata)

Budapest, Magyar Traumatologia, Orthopaedia, es
Helyreallito Sebészeti, No 3, Aug 62, pp 219-222.

"A case of Primary Replacement of the Thumb."

ZOLTAN, Janos

Eyebrow reconstruction by "transparent flap" method. Szemeszet. 99
no.3:146-149 S '62.

(EYEBROW surg) (SURGERY PLASTIC)

ZOLTAN, Janos, dr.

A new surgical method for closing antethoracic esophageal defects.
Magy. sebesz. 16 no.1:54-56 Mr '63.

1. A Magyar Nephadsereg Egyszseguyi Szolgalatanak kozlemenye.
(ESOPHAGOPLASTY)

ZOLTAN, Janos, dr.

Thoughts about professional collaboration. Magyar sebesz. 17 no.4:
268-272 Ag '64.

1. A Magyar Nephadsereg Egeszseguigi Szolgalata.

HUNGARY

ZOLTAN, Janos, Dr., MENESI, Laszlo, Dr., and Mrs. PAPP, Ferenc, of
the Hygienic Service for the People's Army in Hungary (Magyar Nep-
hadsereg Egeszsegugyi Szolgalata)[location not given].

" Application of Terracortril Spray in Plastic Surgery"

Budapest, Orvosi Hetilap, Vol 107, No 28, 10 Jul 1966, pp 1318-1320.

Abstract: The authors describe their experiences in the application of Terracortril spray (manufactured by Pfizer) containing broad-base antibiotic substance and hydrocortisone in plastic surgery on the basis of 850 cases. The experiences are favorable and illustrate the versatility of the spray. No references.

1/1

ZOLTAN, János (Budapest); RUTASI, István (Budapest)

Forum of innovators. Ujlt lap 16 no. 6:30 25 Mr '62.

ZOLOTYKH, K.N.

We are growing large crops of headed grain. Zemledelie 25 no.10:
22-24 0 '63. (MIRA 16:11)

1. Glavnyy agronom Tikhoretakogo zernovogo sovkhoza.