

8/25, 1950

Present state of the planning of the 1950-1951
season. 10 pp. 125 12 08 1950

HUNGARY

KISS, Dr Bela, National Institute of Oncology (Orszagos Onkologiai Intezet).

"Clinical-Pathological Characteristics of the Metastasis of Pulmonary Cancer"

Budapest, Magyar Onkologia, Vol 10, No 4, Dec 1966: pp 213-214.

Abstract: The 15-year patient material of the Department of Radiology of the National Institute of Oncology was examined from the point of view of metastases which could be detected by means of clinical examination. Of the 496 patients with primary pulmonary tumor (90% males, 10% females) hematogenic metastases were noted in 184 (37%), lymphogenic metastases in 144 (29%). Metastases were found in 50% of the female and 36% of the male patients. In patients less than 40 years of age 100% of the metastases occurred within a half year, while in patients more than 60 years of age only 20% of the metastases appeared within that period. Liver metastases were encountered most frequently (102 cases out of 184 hematogenic metastases) followed, in order of frequency, by bone-, cerebral- and skin metastases. No references.

1/1

1/1

BALAZS, Marta, dr.; KISS, Csaba, dr.

On malignant degeneration of dermoid cysts of the ovary. Magyar.
nőorv.lap 26.no.5:257-260 S '63.

1. Az Orvostovábbképző Intézet (mb. igazgató: Barsony Jeno dr.)
Prosecturájának (főorvos: Vecsei Anna dr.) és I. sz. Nőgyógyászati
Osztályának (főorvos: Györy György dr.) közleménye.

SZEMFEE, Pol. dr.; KISS, Csaba, dr.

Normal pregnancy and delivery in acute intermittent porphyria.
Orv. hetil. 106 no.23:1087-1090 6 Je '65

1. Orvostavabbkepzo Intozet, V. Belgyógyászati Tanszék (tanszék-
vezető: Mosonyi, László, dr.); és I. Szülészeti-Belgyógyászati
Tanszék (tanszékvezető: Györy, György, dr.).

KISS, D.

Some current problems of labor safety in planning chemical plants. p. 115.
MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest.
Vol 11, no.7, Apr 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

KISS, D.

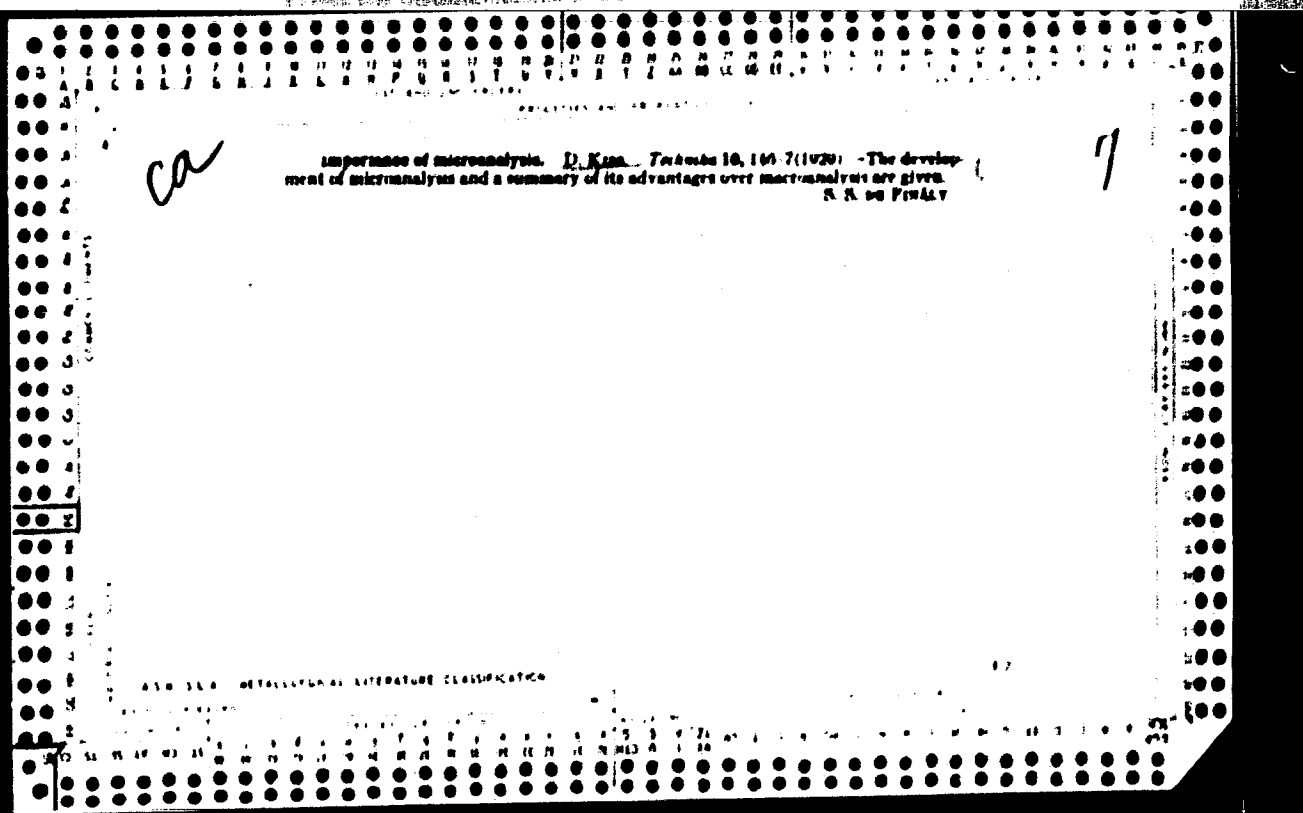
Characteristics of labor protection in the chemical industry.
P. 29 MUSZAKI ELET Budapest, Vol. 11, no. 8, Apr. 1956

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

KISS, Denes

Designing linear networks by means of catalogs. Hlt techn
16 no.4:117-123 Ap '65.

1. Chair of Wire Telecommunication Engineering of Budapest
Technical University.



P 251

HUNG.

1952. On the measurement of efficiency of G.M. counters. L. JAKOSY AND D. KRA. *Acta Phys. Hungar.*, 4, No. 2, 173-182 (1954).

An improved method is given. Special care has been taken to reduce spurious events resulting from cosmic showers and accidental coincidences. With help of the above method the efficiencies of G. M. counters used in the authors' laboratory has been found in most cases to be about 99.3%.

3
1/2 cm L

gsw

Pin

17
Measurements of the efficiency of Geiger-Müller count-
ers. Lohr, Janney and Dezzo Kins. *Magyar Fiz. Folyo-
irat* 3, 257-64 (1955). — 162 pp. The authors followed
were similar to that of Rochester and Janney (C.A. 37,
4007). Special care was taken to reduce spurious counts
to a min. The efficiency of the counter was 99.3%.
H. Mann

3
4030
4031

RMR

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910005-5

D.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910005-5"

ALSO, D.

Measuring the average life span of v-resons. p. 11.

(MADYAT FIZIAAI E LYOLAT, Vol. 4, no. 6, 1950. Budapest, Hungary)

SO: Monthly List of East European Accessions (LEAL) LC, Vol. 6, no. 1, Sep. 1957. Uncl.

KISS, I.; FRIEDLANDER, E.

Measurements related to multiple Geiger-Muller impulses. p. 47.
(PAGYAR FIZIKAI FOLYOIRAT, Vol. 4, no. 6, 1956. Budapest, Hungary)

SU: Monthly List of East European Accessions (EIAL) LC, Vol. 6, no. 9, Sep. 1957. Uncl.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910005-5

KTSS, Dean

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910005-5"

KISS, Dezső

Tests relative to the time out of univibrators. p. 62.

MAYCAR HIRADASTECHNIKA. (Hiradastechnikai Tudományos Egyesület) Budapest.
Vol 7, no. 1, Feb 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956

KI 53, D.

JANUARY 1957

21(1) **PHASE 2 BOOK EXPLOITATION** **MM/2011**
International Conference on Cosmic Radiation. Budapest, 1956.
International Conference on Cosmic Radiation Organized by the
Hungarian Academy of Sciences. Budapest, 1957. 187 p.
200 copies printed.

Sponsoring Agency: Magyar Tudományos Akademia

Eds.: E. Fogarasi, and A. Benegyi

REMARKS: This report is intended for geophysicists concerned with cosmic radiation.

CONTENTS: This report contains the six primary sections of the conference. Some of the problems dealt with include cosmic radiation, extensive air showers and the progress of cosmic ray measurements planned for the International Geophysical Year. Most of the reports are followed by references. Brief summaries in the field of cosmic radiation who attended the conference are: E. L. Anderson, R. A. Barette, L. L. Gervin, R. C. Hinkley and R. E. Turner. The articles are written in English, German and Russian without parallel translations.

International Conference (cont.)

5. Friedlander, R. H. A High Energy Neutron Shower With an
Anomalous Angular Spread **MM/2011** 104

FIFTH SESSION

1. Philippoud, A. J. Gervin, and P. Hinkley. Survey of
the Experimental Experimental Data **105**
2. Bailey, G. J. G. Chad, R. L. and L. C. Wood. Some Heavy
Nuclei Particle Events Observed With a Multigate Cloud
Chamber **172**
3. Friedlander, R. H., and R. E. Turner. Some Remarks on the
Possible Cosmic Ray of the 1-1000 **177**
4. Friedlander, R. H. Some Measurements of the Life Time of
Cosmic Ray Neutrons **178**
5. Bailey, G. J. G. Chad, R. L. and L. C. Wood. Some Heavy
Nuclei Particle Events Observed With a Multigate Cloud
Chamber **172**
6. Friedlander, R. H., and R. E. Turner. On the Cosmic Ray
by Charged Particles of 10¹² and 10¹³ in an External
Field **185**

card 3/6

HUNGARY/Nuclear Physics - Installations and Instruments, Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 10043

Author : Kiss Dezso, Szivek Janos
Inst : Kozponti Fizikai Kutato Intozet, Hungary
Title : Investigation of the Dead Time of a Univibrator

Orig Pub : Magyar fiz. folyoirat, 1957, 5, No 1, 1-6

Abstract : Investigations of the dead time of a univibrator have shown that it depends on the amplitude of the input pulses. When the amplitude diminishes the dead time increases exponentially. This dependence, which takes place for both fast and slow univibrators, stops if the amplitude of the input pulse is three to five times greater than the value of the normal ignition voltage. A qualitative explanation is given for the observed phenomenon. Attention is called to the presence of delays in counting elementary particles, due to this dependence.

Card : 1/1

19
 5, 48, 30
 41, 21
 A scintillation γ -spectrometer with automatic recording. Desso Kins, Lajos Matyas, and Zoltan Zarnori. *Magyar Tudományos Akad. Közlem. Fiz. Kíslet. Tudományok Kíslet. Tudományok* 5, 880-88 (1957).—A single-crystal (NaI activated by Tl) scintillation spectrometer for measuring γ -rays produced in (n, γ) reactions is described. The resolving power measured on the 601-e.kv. line of Cs^{137} after certain correction was found to be 9.6%. The nonlinearity of the instrument was less than 1% up to 4.4 m.e.v. on the basis of measurements of several radioactive preps. The stability of the arrangement was checked and found to be satisfactory. A modification of the spectrometer is suggested in order to provide direct reading of the line intensity from the peak height, and calcs. are carried out for a $1 \times 1\frac{1}{2}$ in. crystal in the 0-1.6 m.e.v. range. The resolving power was taken as 10% for 601 e.kv. The numerical resistivity values resulting from the calcs., together with a schematic of the potentiometer necessary, are also given. John Rabin

KISS, D.

Determination of archeological period by ^C14. p. 10.

(Fizikai Szemle. Vol. 7, no. 1, Feb. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

MAXIMUM HILTIPOD method was determined and applied to
data available in 1971.

KISS, Desso

Archaeological chronology based on C¹⁴. Fis szemle 7 no.1:
10-16 F '57.

1. Kosponti Fizikai Kutató Intézet.

HUNGARY / Physical Chemistry. Molecule. Chemical Bond B-4

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 33884

Author : Kiss D.

Inst : Not given

Title : Absorption of Light by the Intercomplex Compounds.
I, Theory of Light Absorption.

Orig Pub: Magyar Tud. akad. Kem. Tud. oszt. Kozl., 1957, 9,
No 3, 257-274

Abstract: The theory of light absorption by complexes having electrovalent and covalent bonds is applied (without additional assumptions) to light absorption by the intercomplex compounds of metal ions having unoccupied d-layer. Based on theoretical calculations and experimental data it appears that the intercomplex compound do not exhibit excitation. A large quantity of lines, however, makes it difficult

Card 1/2

KISS, D.

Methods of detecting neutrons.

p. 213 (Energiya i Atomtehnika) Vol. 10, no. 4, Aug. 1967, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EAI) LC, VOL. 7, NO. 1, JAN. 1968

HUNGARY/Nuclear Physics - Installations and Instruments. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 2627

Author : Kiss Dezso, Matus Lajos, Zamori Zoltan

Inst : -

Title : Automatic Recording Scintillation γ -Spectrometer

Orig Pub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1958, 5, No 6, 589-598, V.

Abstract : The authors have constructed a single crystal automatic recording scintillation γ -spectrometer. The resolving power of the instrument (for the 661-kev line) is 9.5%; the non-linearity is less than 1% up to 4.4 Mev; the stability is satisfactory. The entire spectrum can be photographed within five minutes. A modification of the instrument is proposed, which would permit an evaluation of the line intensity from the height of the photo line. The corresponding calculations are included.

Card : 1/1

HUNGARY/Nuclear Physics - Nuclear Technology and Power

C-3

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 10222

Author : Kiss Dezso, Kiss Istvan, Pal Lenard

Inst : -

Title : Scientific Preparation for Work with a First Hungarian
Reactor.

Orig Pub : Fiz. szonda, 1958, 8, No 7, 203-212

Abstract : No abstract

Card : 1/1

18

HUNGARY/Nuclear Physics - Installations and Instruments. Methods
of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 9948

Author : Kiss Dezso, Zsarnori Zoltan

Inst : -

Title : Determination of the Uranium and Thorium Contents in Rocks
by Measuring the Radiation

Orig Pub : Energia es atomtechn., 1958, 11, No 1-2, 12-13

Abstract : Survey article. The authors examine in detail the following
methods of determining the contents of uranium and thorium
in rocks: measurement of the α radiation, β radiation,
and γ radiation, the incoherent method, and the overall
activity curve method.

Card : 1/1

6

Card : 1/1

17

KARDON, Bela; KISS, Dezso; FADEL MOHAMED ALI; LOVAS, Istvan; ZAMCRI, Zoltan

Energy measurement of the gamma radiation due to slow neutron capture.
Koz fiz kozl MTA 8 no.2/3:87-105 '60. (EBAI 10:4)

1. A Magyar Tudomancs Akademia Kozponti Fizikai Kutato Intezete,
Magfizika I. Laboratorium.
(Gamma rays) (Neutrons) (Spectrometer)

FALUDI, Gyula; KISS, Dezso

Technology of stores, shops, and catering trade establishments and their basic requirements in view of domestic engineering. Magyar igitár 10 no.10:439-445 '61.

KISS, Desso; MATUS, Lajos; ZAMORI, Zoltan

Radiometric installation for determining the uranium, thorium and radium contents of rocks. Energia es atom 15 no.8:368-374 Ag 62.

1. Kosponti Fizikai Kutato Intezet.

GERASZIMOV, I.P. [Gerasimov, I.P.] akademikus; KISS, Dezső, dr.
[translator]

Soviet geographical science and the problems of the
transformation of nature. Földrajzi ert 11 no.4:433-445
'62.

GATI, Istvan; KISS, Dezso; DOMANY, Gyorgy; HUSVET, Ferenc; HALVAY, Laszlo

Importance of extensive liquid intake in prevention of thromboembolism according to coagulation tests. *Magy. orv. lap.* 18 no.3:167-170 May 55.

1. A Pecs Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikájának közleménye (igazgató: Lajos, Laszlo dr. egyetemi tanár).

(THROMBOEMBOLISM, prevention and control, liquid intake, coagulation test control.)

KISS, Dezsó

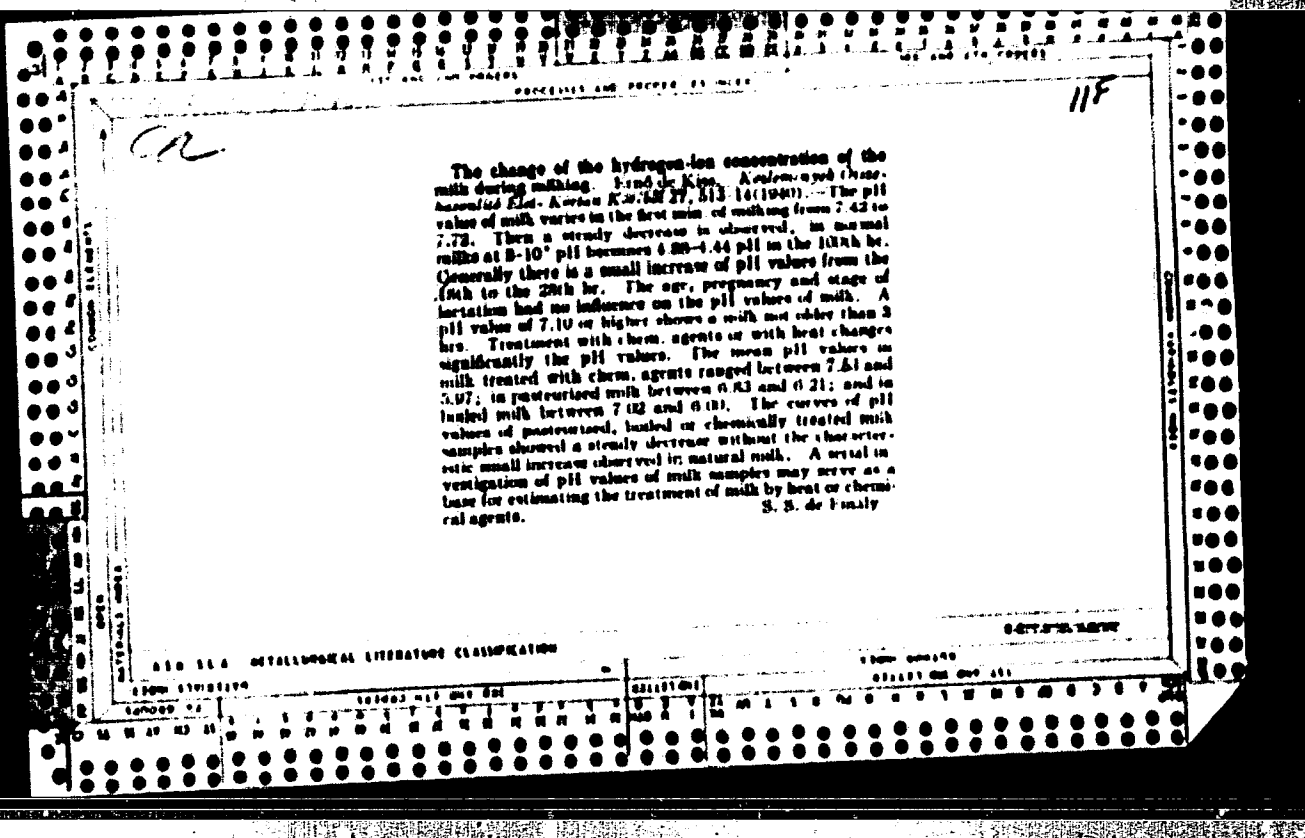
Instructions to implement paragraph (3) of the Decision No. 11/6/1964.K.Sz.T. regulating the utilization of the free capacity of motor trucks. Kozaleked kozl 20 no.25: 410-411 21 Je '64.

1. Deputy Minister of Transportation and Postal Affairs, Budapest.

KISS, Dezsó

Greeting and reminder. Auto motor 17 no.2413-4 21.7.64.

1. Minister of Transportation and Postal Affairs, Budapest.



HUNGARY / Cultivated Plants. Commercial, Oleaceous, M-4
Sugar Bearing.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6354

Author : Kiss, Ernő

Inst : Not given

Title : Data on the Analysis of the Yield of Flax

Orig Pub : Magyar tud. akad. Agrartud. oszt. közl.,
1957, 13, No 1-2, 129-145

Abstract : Studies conducted over a period of 3 years
on the analysis of the crop of many varieties
and types show that the yield of flax seeds
is the result of the following four main com-
ponents: 1) the absolute weight of seeds,
2) the number of seeds in a boll, 3) the number
of bolls on the plant, 4) the density of plants.
A formula for the determination of the yield

Card 1/2

100

HUNGARY / Cultivated Plants. Commercial, Oleaceous, M-4
Sugar Bearing.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722910005-5

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6354

In accordance with the above is given. As
was shown by the studies, the first two
components (1st and 2nd) are stable-hereditary,
the last two (3rd and 4th) depend on external
conditions. The number of bolls in a plant
has the decisive influence on the yield of
seeds. The yield of fiber can be calculated
by using the method of microscopical study
of anatomic structure of the plant or by
dissection of the fibers on an individual stem.
Formulas for determining the yield of fiber
are also given. -- F. Yu. Grabar'

Card 2/2

ABSTRACT: PLANT DISEASES, Diseases of Cultivated Plants. U

ABST. JOUR: Acta Agron.-Biologia, No. 5, 1959, No. 20641

AUTHOR : Kiss, E.

INST. : Hungarian Acad. of Sciences

TITLE : Research on the Susceptibility of Different
Flax Varieties to Colletotrichum lini by
Artificial Contamination.

ORIG. PUB.: Acta agron. Acad. scient.hung., 1958, 7,
No.4, 414-427

ABSTRACT : No abstract

END: 1/1

5

PROCESSED AND RECLASSIFIED

On the Design and Performance of Steam Hammers..
 E. Kiss. (Banyaszati es Kohassati Lapok, 1949, vol. 4,
 Oct., pp. 433-439). (In Hungarian). The design of steam
 hammers is carried out on the basis of the energy output of
 the hammer during a stroke. A method of determination of
 the impact energy, the number of blows per minut and the
 steam consumption of automatically controlled steam ham-
 mers is presented. The importance of correct rate of steam
 admission and the conditions of regulation are discussed.
 A numerical example is included to illustrate the basic
 principles of steam hammer design by the author's method.
 E.G.

11

K-27

S

*Forging, Stamping, Drawing,
and Pressing*

Contribution to the Construction of Steam Hammer Controls.
K. Kinn. (*Acta Technica Academiae Scientiarum Hungaricae*,
1951, 1, 3, 165-182). [In German]. A simple mathematical
method of calculating the performance of steam hammers in
terms of impact energy, impact frequency, and steam con-
sumption is presented. Steam supply, the principles of
control, and the correct design of the control system are dis-
cussed and an example of the method is shown. The theoret-
ical data agree well with those obtained in practice. P. 2.

KISS, E.

Windage loss of rapidly rotating fly wheels. p. 360.
Vol 17, no. 3/4, 1955. KOZLETSEV. Budapest, Hungary.

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

UNG 12

621.315.616.9 : 621.313.048
12716. New Insulating materials used in manufacture
of electrical machines. G. URBAN AND E. KISS.
Elektronika, 49, No. 1-2, 44-51 (Jan.-Feb. 1968).
In Hungarian.

Properties of bituminous materials are discussed
and attention is drawn to their good filling properties.
The mechanical and electrical characteristics of
contact resins and laminated bakelite insulating
materials are studied.

L. CSUPON

1
pk 211

LUKACS, Ida, dr., orvos; KISS, Emil, dr., orvos

Dermatological aspects of labor hygiene in mines. Bany lap
98 no.3:183-185 Mr '65.

1. Salgotarjan District Council Hospital of Skin and Venereal
Diseases (for Lukacs). 2. Safety Engineering Group of the
Nograd Coal Mining Trust, Salgotarjan (for Kiss).

MOLNAR, Gyorgy, dr.; KISS, Erno, dr.

Results of the treatment with Asbosox in female urinary incontinence. Magy.neur.v.lap. 27 no.1:18-21 J '64.

1. A Debreceni Orvostudományi Egyetem szülészeti és Nőgyógyászati Klinikájának (Igazgató: Arvay Sándor dr. egy. tanár) közleménye.

KISS, Erno, energetikus

Supplement to Istvan Lainsak's article entitled: "Improving the performance factor of wood industry electric machines (engines) by natural way." Faipar 14 no. 6: 185 Jo '64.

1. Western Hungarian Sawmills.

KISS, Eleanor (Tg Mures)

Arithmetical progression of higher order. Gas mat B 14 no.7:
399-402 J1 '63.

IONESCU-TIU, C.; KISS, Elemer (Tg. Mures); MIHAILEANU, N.; PETRU, Simon
(Tg.Mures) DUMITRESCU, Florea I.

Solved problems. Gaz mat B 15 no.8:353-358 Ag '64.

VENCZEL, Tibor: KISS, Emil

Paper-lacquering machines for electric industries. Musz elet 15 no.13:
13 Je '60. (EEAI 9:9)
(Hungary--Electric industries)

KISS, E.

Models of free-flight airplanes with mechanical engines. p. 14.

ARIPILE PATRIEI. (Asociatia Voluntara pentru Sprijinirea Apararii Patriei)

Bucuresti. Vol. 2, no. 3, Mar. 1956.

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

Country : HUNGARY
Category: Laboratory Equipment. Instrumentation

Abstr Jour: RZhKhim., No 17, 1959, No. 60672

Author : Mosoczi, P.; Kiss, E.
Inst : -

Title : Investigation of Conditions in the Operation of
Calorimeter Bombs

Orig Pub: Energiia os. Akad.techn., 1958, 11, No 7-3, 456-459

Abstract: The authors point out to certain conditions, not considered previously, in the employment of calorimeter bombs. It is proposed to take such a quantity of coal, that heat evolved in the experiment would be equal to 1.5-2.2 cal/gr of calorimeter weight. It is proposed to burn coal having a high

Card : 1/2

COUNTRY : Hungary
CATEGORY :

H-2

AB3. JOUR. : *RZhim.*, No. 1959, No. 9(829)

AUTHOR : Hlicka, T.; Cegledi, H.; Kiss, I.
INST. :

TITLE : Drying of Granular Materials in a Fluidized Bed

ORIG. PUB. : *Reakt. tekhn.*, 1959, 13, No 10-11, 1011-117

ABSTRACT : Studies of the drying of a moist and granular material in a fluidized bed, have shown that when rate of drying is determined by external diffusion, it depends on the rate of fluidizing (air flow, temperature). In the case of drying is affected not only by external diffusion, but also by other factors (internal diffusion, rate of evaporation of water of crystallization, etc.). In the case of $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$, the rate of drying is determined by the semi-empirical equation: $G_w/\beta T = A(F - F_{\infty})^{1/2}$. G_w -- moisture content in relation to the air, in g/g; T -- time in hours; F -- drying surface, in m²; F_{∞} -- limiting drying surface, in m²; A -- constant.

CARD: 1/2

ABRAHAM, S., Dr.; HORVATH, P., Dr.; KISS, E. Dr.; VENDO, V., Dr.

Human diseases caused by *ecthym contagiosum ovium*, *Borjoggy. vener.*
szemle 12 no.1-2:24-30 Feb-Apr 58.

1. *Magyarorszagbeli Orvostudományi és Gyógyászati Felsőoktatási*
Intézet Viruskutató Laboratóriumának (Vezető: Dr. Vende Venc egyetemi
tanár) közleménye.

(VIRUS DISEASES, case reports
ecthym contagiosum in man (Hun))

KISS, E., lector; SZENTPETERY, I., conf. (Tg. Mures)

Study of the crossing course of the cuspid teeth in the
mastication mechanism. Gaz mat fiz 15 no. 8: 411-417
Ag '63.

SZENTIVANYI, Matyas; KISS, Erno

New data on the innervation of the heart. Kiserletes orvostud.
8 no.5:473-480 Sept 56.

1. Debreceni Orvostudományi Egyetem Elektromi Intézete.
(HEART, innerv.
stellate ganglion innerv. (Hun))

KISS, Ernest

Some remarks related to a Diophantine equation. Studii cerc mat
Cluj 10 no.1:59-62 '99. (EAI 10:6)

1. Universitatea "Bolyai" - Cluj, Catedra de Analiza si Algebra.
(Diophantine analysis)

BALO, Gyorgy, dr.; RUZICSKA, Gyula, dr.; KISS, Erno, dr.; GYORIK, Gabor, dr.

Experience with the transfusion of the blood plasma in late pregnancy toxemias. Orv.hetil. 102 no.9:399-404 26 P'61.

1. Debreceni Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika.

(BLOOD TRANSFUSION)

(PREGNANCY TOXEMIAS ther)

H/014/60/000/005/001/003
E190/E435

AUTHOR: Kiss, Ervin, University Reader, Candidate of
Technical Sciences

TITLE: The Determination of Forces and Power Requirements in
the Plastic Deformation of Metals by Measurements in
Production Plants

PERIODICAL: Kohászati lapok, 1960, No.5, pp.206-211

TEXT: Hungarian and Hungarian born scientists like M. Hermann,
K. Lang, T. Karman, A. Nadai, E. Cotel and, more recently,
A. Geleji have pioneered the theory of plastic deformation. This
work has been supplemented by experimental measurements made by
the Department of Metallurgical Engineering and Metals Technology
of the Nehézipari Műszaki Egyetem (University for the Heavy
Industry) in 1957 and 1958. These measurements, carried out in
various industrial works, aimed at establishing the actual loading
of production units and at clarifying the practical implications
of theory. Load cells of 30 to 800 tons capacity were
constructed using strain gauges. On the Ehrhardt-type punching
press and push bench of the Tube Works of the Csepel Vas- és
Féművek (Csepel Iron and Metal Works), punch and pushing rod
Card 1/5

The Determination of Forces ...

H/014/60/000/005/001/003
E190/E435

force were recorded; in addition, the speed of the pushing rod was measured by recording the impulses from a photo-cell which received the light signals passing through the slots of a disc fitted to the push-rod actuating gear; motor voltage and power were also recorded. A similar arrangement was employed on the three-high steel-plate rolling mill of the Lőrinci Hengermű (Lőrinc Rolling Mills); total roll force, motor current and rolling speed were recorded by means of oscillographs, power on a separate kW recorder and the length and width of plate was found from photographs taken from an overhead crane. The forces acting on the work and support rolls and on the piercing plug of a Mannesmann piercing mill of the "Csepel" Tube Mills were measured by a total of seven load cells; power and motor current were separately recorded. The force showed a gradual increase in the Ehrhardt piercing press due to the flow of metal along the container wall. The combined diagram of Fig.12 gives the time table (= menetdiagram), pushing force (= tölőerő) in tons, motor power (= motor teljesítmény) in kW and pushing speed (= tölési sebesség) in m/sec, in pushing 110 mm dia steel tube.

Card 2/5

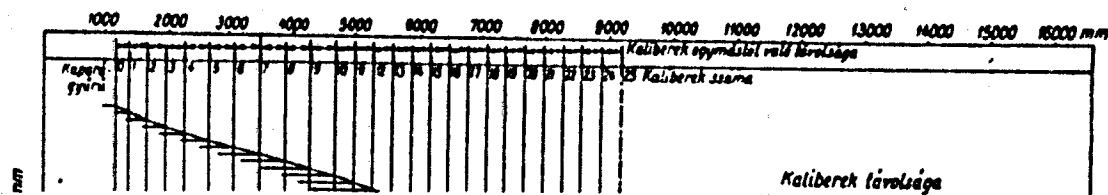
Card 3/5

The Determination of Power

U/014/60/000/005/001/003

1190/3435

[Kaparó gyűrű = Scraping ring; Kaliberek egymástól való távolsága = Distance between grooved rolls; Kaliberek száma = Number of grooved rolls; Kaliberek távolsága = Distance of grooved rolls; Csőhossz = Tube length.] Pushing force varies initially but becomes more stable as the tube is guided by an increasing number of grooved rolls; the power curve describes a typical loop due to acceleration and deceleration at the ends of the stroke. Typical results extracted from records taken at the plate rolling mill, and plotted against the number of passes in rolling A.35.21 quality steel from 180 x 500 x 1300 mm to 8 x 1200 x 12280 mm, are shown in Fig.14. From graphs like this it was possible to assess the efficiency of operation and a useful guide was found for the design of rolling equipment. There are 15 figures and 6 references: 2 Hungarian and 4 non-Hungarian. ✓

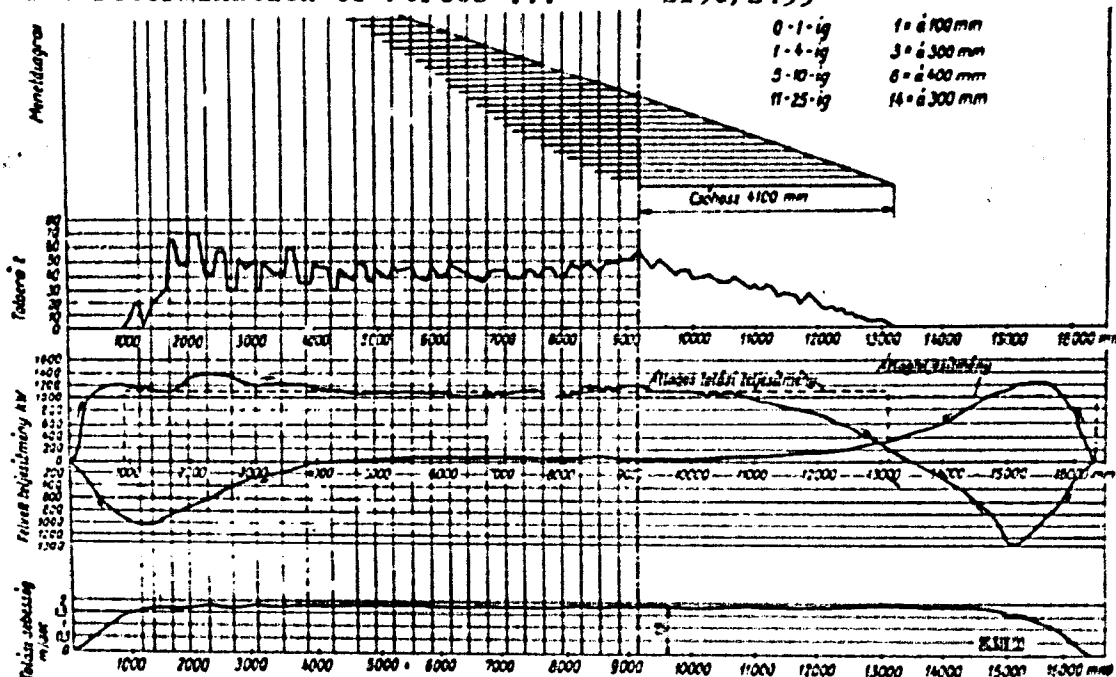


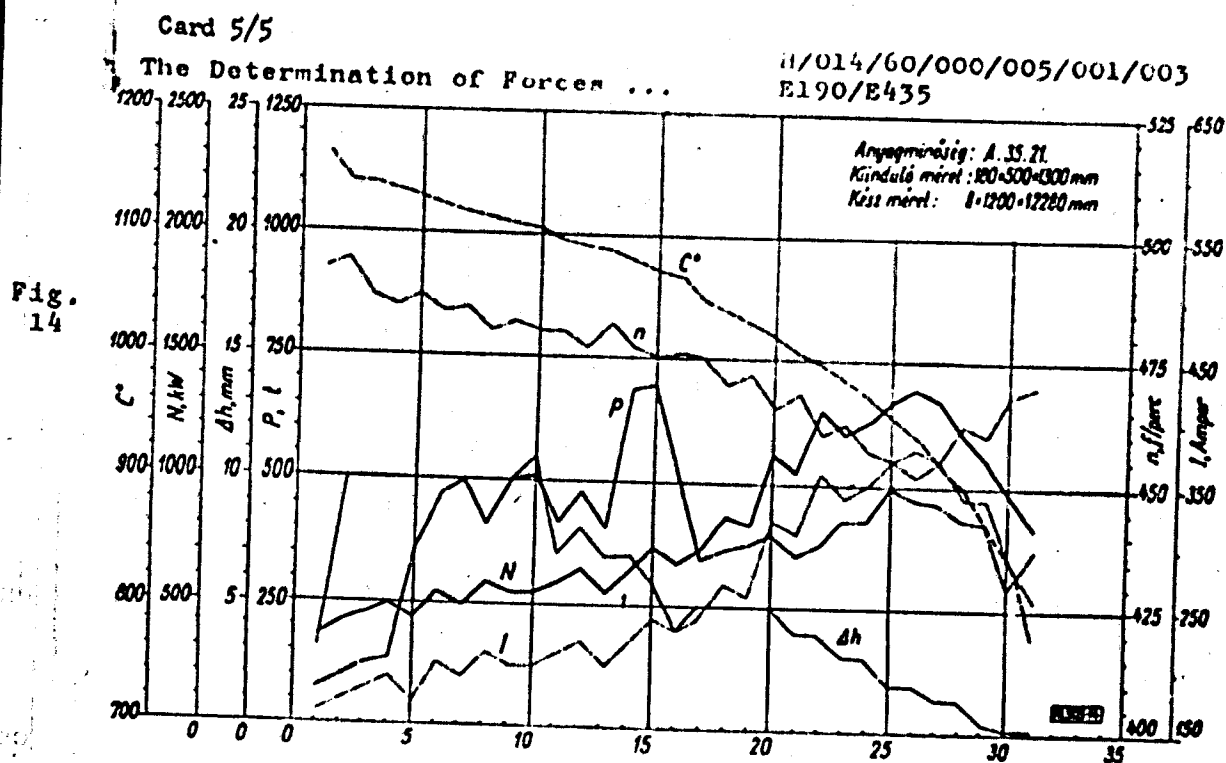
Card 4/5
The Determination of Forces ...

H/014/60/000/005/001/003
E190/E435

0-1-ig 1 = 6 700 mm
1-4-ig 3 = 6 300 mm
5-10-ig 6 = 6 400 mm
11-25-ig 14 = 6 300 mm

Fig.
12





KISS, Ervin, egyetemi docens; DEVENYI, Gyorgy, egyetemi adjunktus

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SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10

HYDROLYSIS OF AZETIDINE IN THE PRESENCE OF PURIFIED
ENZYMES H. VARGAS, J. GARCIA, and R. ELIZABETH DAVIS
February 1974

1955, 1.

✓ 3084. Cholinesterase activity of myosin. E. Varga, T. König, E. Kiss, T. Kovács, and L. Hegedűs *Acta physiol Acad. Sci. Hung.* 1955, 7, 171-173. — Myosin, trypsin-digested myosin, and L-meromyosin have about the same cholinesterase activity, while H-meromyosin has no cholinesterase activity. The ATP-ase activity of the same prep. differs from that of their cholinesterase activity; myosin and digested myosin have equal, L-meromyosin practically nil, H-meromyosin very great activity. A cryst. prep. of L-meromyosin has 3 to 4 times as great a cholinesterase action as has a non-cryst. one. It is concluded that (a) different parts of the myosin molecule are responsible for the acetyl cholinesterase and for the ATP-ase activities, and (b) L-meromyosin, up to now considered as enzymically inactive, has cholinesterase activity. (Hungarian)
A. B. L. BAZZANI

Max 121

Electron Microscopic Lab, Hungarian Acad Sci

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The interoceptive reflex in regulation of kidney function.
Kisérletes orvostud. 8 no.1:61-74 1956.

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(KIDNEYS, physiol.

interoceptive reflex in regulation of funct., determ.
by extracorporeal hemodialysis in dogs (Hun))

BALINT, Peter; KISS, Eva; SZALAY, Zsuzsanna

Data on the measurement of glomerulus filtration in dogs.
Kiserletes orvostud. 8 no.5:539-547 Sept 56.

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(KIDNEY FUNCTION TESTS

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clearance tests, measurement methods in dogs. (Hun))

HUNGARY/Chemical Technology. Chemical Products and Their
Application. Medicinals. Vitamins. Antibiotics

H-17

Abs Jour: Ref Zhur-Khim., No 13 1958, 44312.

Author : Kiss Eva, Szalay Zsuzsanna.

Inst :

Title : Determination of Alkali-Resistant Inulin.

Orig. Pub: Kiserl. orvostud., 1956, 8, No 5, 552-553.

Abstract: To 1 ml of the medium under study are added 7 ml
water, 1 ml of 10% solution of $ZnSO_4 \cdot 7H_2O$ and, drop-
wise with shaking, 1 ml of 2% solution of NaOH.
After standing for 5 minutes the mixture is centri-
fuged and 2 ml of the clear solution are combined
with 0.5 ml 16% solution NaOH, heated for 10 minutes
on a boiling water bath, cooled with cold water,
and 5 ml of reagent are added (3 g diphenylamine

Card : 1/2

KISS, F.

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SOURCE: East European Accessions List (EEAL) Library of Congress
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Preganglionic sympathetic innervation of the heart. Acta
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1. Physiologisches Institute der medizinischen Universitat,
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(HEART, innerv.

preganglionic sympathetic fibers (Ger))

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HUNGARY/Human and Animal Physiology - Excretion.

V-6

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18266

Author : Peter Balint, Eva Kiss and Zsuzsanna Szalay

Inst : -

Title : The Amount of Blood Flowing Through the Kidney in Dehydration and Osmotic Diuresis.

Orig Pub : Kiserl. orvostud., 1957, 9, No 2, 191-197

Abstract : Among dogs which were oliguric after 12 to 48 hours without water, determinations were made of renal clearance of inulin, creatinine and PAH and of the extraction of these substances from the blood flowing through the kidneys. The calculated effective flow of plasma through the kidneys according to the clearance value was less than when a direct determination was made in the presence of polyuria produced by an infusion of mannitol. The difference obtained in the case of oliguria is explained the accumulation in the kidneys of the substances used to determine clearance during oliguria.

Card 1/1

Budapest Orvostudományi Egyetem Élettani Intézete

Nervous System.

APPROVED FOR RELEASE: 09/17/2001, 60814
CIA-RDP86-00513R000722910005-5

Author : Kiss, E.; Szentivanyi, M.

Inst : Hungarian AS

Title : On the Segmental Origin of the Preganglionic Sympathetic Fibers, Passing Through the Ganglion Stellatum

Orig Pub : Acta physiol. Acad. sci. hung., 1957, 11, No 3-4, 339-345

Abstract : In cats under chloral anesthesia, the stimulation of the anterior roots by C₈-Th₄ produced an adrenalin-like effect on the heart. By treating the ganglion stellatum (GS) with a 1% solution of nicotine, the effect from Th₂ to Th₄ disappeared, which indicates the disruption of the sympathetic fibers. The effect from Th₇ in this case remained, but disappeared by introduction into the heart

Card 1/2

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1. Physiologisches institut der medizinischen universitat, Debrecen.
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through stellate ganglion (Ger))

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(CORONARY VESSELS, innerv.
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HUNGARY/Human and Animal Physiology - Blood Circulation.
The Heart. T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12747

Author : Szentivanyi, M., Kiss, E.

Inst : Hungarian AS

Title : Innervation of Coronary Vessels

Orig Pub : Acta physiol. Acad. sci. hung., 1957, 11, No 3-4,
347-356

Abstract : By irritation of separate branches of the nerve-accelerator of the heart in cats a constriction of the coronary vessels subjected to perfusion was sometimes observed. This effect did not depend on the chronotropic and inotropic reaction of the heart and could be relieved by intracardial injection of hexamethonium or ergotamine. This confirmed the presence of preganglionic fibers

Card 1/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722910005-5

of the postganglionic fibers, also arising from a stellate ganglion, did not show a direct effect on the coronary vessels but, through intensification of metabolism in the heart muscle, caused dilation of the coronary vessels as a secondary effect, which was also observed. Detected as well were preganglionic fibers which passed through the parasympathetic ganglia of the heart and carried direct vasodilating impulses to the coronary vessels. The overall effect depended on predominance of any of these fibers which were irritated. -- L.S. Nakhutin

Card 2/2

- 54 -

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Blood Circulation. Heart. T

Abs Jour : Ref Zhur Biol., No 4, 1959, 17422

Author : Szentivanyi, M., Kiss, E.

Inst : -

Title : Analysis of Accelerating Influence of Degenerated Nervus Vagus on the Frequency of Cardiac Contractions.

Orig Pub : Acta physiol., Acad. sci. hung., 1957, 11, No 3-4, 357-362

BALINT, Peter; KISS, Eva; STURZ, Jozsef

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1. Budapesti Orvostudományi Egyetem Elettani Intézete.
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(HEART, physiol)
(KIDNEYS, blood supply)

RALINT, Peter; KISS, Eva; STURCZ, Jozsef

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1/1

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Budapest, Orvosi Hetilap, Vol 108, No 10, 5 Mar 67, pages 464-466.

Abstract: The case of an 18 year old patient is described. Although the usual clinical examinations furnished no indication of a possible renovascular origin of the hypertension, the age of the patient led to further studies culminating in the correct diagnosis and rehabilitation of the patient. The problems involved in similar cases are discussed and some diagnostic guide lines are presented in the article. 3 Hungarian, 15 Western references.

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1. Histologisch-Embryologisches Institut der Medizinischen University
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Budapest, Ungarn.

(NEOPLASMA, diag.)

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