

FRANK, G.M., otv. red.; KUZIN, A.M., otv. red.; KUZNETSOV, I.V.,
doktor filos. nauk, red.; LIVSHITS, N.N., doktor biol.
nauk, red.; VEDENOV, M.F., kand. filos. nauk, red.;
SHATALOV, A.T., mlad. nauchn. sotr., nauchn. red.;
KREMYANSKIY, V.I., mlad. nauchn. sotr., nauchn. red.

[The essence of life] O sushchnosti zhizni. Moskva, Nauka,
1964. 350 p. (MIRA 17:8)

1. Akademiya nauk SSSR. Nauchnyy sovet po filosofskim vop-
rosam yestestvoznaniya. 2. Institut filosofii AN SSSR (for
Kremyanskiy, Shatalov). 3. Chlen-korrespondent AN SSSR (for
Frank, Kuzin).

KANAVETS, P.I.; GESS, B.A.; SPORIUS, A.E.; CHERNYSHEV, A.M.;
MELENT'YEV, P.N.; CHERNYKH, V.I.; KHROMYAK, R.P.;
KHAYLOV, B.S.; BORISOV, Yu.I.; TSYLEV, L.M.; SOKOLOV, V.S.;
Prinimali uchastiyev MARKIN, A.A.; GORLOV, M.Ya.;
VORONOV, Yu.G.; BULAKHOV, K.A.; KREMYANSKIY, V.L.; ARSHINOV,
G.P.; MAZUN, A.B.; PISARNITSKIY, I.M.; BOKUCHAVA, O.A.;
KIRILLOV, M.V.; TSELUYKO, P.I.; POLYAKOV, G.O.; REZKOV, A.S.;
ZHUCHKOV, M.I.; ROMASHKIN, A.S.; ZUBKOV, A.S.; KOZLOV, N.N.

Pilot plant for the nodulizing of finely ground charge mix-
tures by the method of chemical catalysis. Trudy IGI 22:
93-109 '63. (MIRA 16:11)

32-7-46/49

AUTHOR: Kremyanskiy, Ya.A., Chief Engineer

TITLE: On Laboratory Equipment
(O laboratornoy posude)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 7, pp. 884 - 884 (USSR)

ABSTRACT: The institutions concerned complain that they are not able to meet the demands made by laboratories. Therefore these institutes are forced to produce the vessels necessary for laboratory use themselves. The production of standard accessories and equipment is too much for the firms concerned and they are unable to carry out orders at a time that is determined in advance. However, A.M. Kudryavtsev's apparatus for the glass blowing industry, which is used for spherical grinding, could be delivered in such quantities as were partly able to meet existing demands. The next problem to be solved by scientific institutes is therefore that of obtaining sufficient quantities of laboratory accessories and equipment.

Card 1/2

32-7-46/49

On Laboratory Equipment

ASSOCIATION: Scientific Research Institute of the Mineral Oil Industry of the
USSR
(Vsesoyuznyy nauchno-issledovatel'skiy institut neftyanoy promy-
shlennosti)

AVAILABLE: Library of Congress

Card 2/2

KREN', A.K., kandidat biologicheskikh nauk (g.Kzyl-Orda)

Interesting finds. Prioroda 44 no.11:116 N '55. (MLRA 9:1)

(Kazakhstan--Serpents)

KREN', A.K.

Feeding habits of the hedgehog *Erinaceus auritus* Gmel under
experimental conditions. Izv. AN Kazakh. SSR. Ser. zool. no. 6:
134-137 '47. (Hedgehogs) (MLRA 9:6)

SABO, P. [Szabo, P.]; KREN, E.

Goniometer for orienting large single crystals employed in the
monochromatization of neutrons. Prib. i tekh. eksp. 6 no.2:
76-77 Mr-Ap '61. (MIRA 14:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fiziki AN
Vengerskoy Narodnoy Respubliki, Budapesht.
(Neutrons) (Goniometers)

SZABO, P.; KREN, E.; GORDON, J.

High intensity neutron diffractometer. Acta phys Hung 15 no.3:
203-213 '63.

1. Department of Solid Physics, Central Research Institute of
Physics, Budapest. Presented by L. Pal.

KREN, Emil; PRAVECZKI, Endre

Classifying magnetic structures and the method for determining the neutron diffraction. *Magy fiz folyoir* 12 no.4:387-414 '64.

1. Solid Physics Laboratory, Central Research Institute of Physics, Hungarian Academy of Sciences, Budapest.

KREN, Emil; PAROCZI, Gyula; SZABO, Pal

Examination of α' FeRH alloys by means of X-ray and neutron diffraction. Koz fiz kozl MTA 12 no.1:17-23 '64.

COUNTRY : Czechoslovakia
CATEGORY :

H-28

ABS. JOUR. : RZKhim., No. 1959, No. 73014

AUTHOR : Kren, J.; Zdravil, O.

INST. :

TITLE : Plate Pasteurizer PDN 1000

ORIG. PUB. : Prumysl potravin, 1958, 9, No 9, 473-478

ABSTRACT : Heat-engineering calculations, design diagram and description of automatic regulation of the first plate pasteurizer for milk, with an output capacity of 10 000 liters per hour, manufactured in Czechoslovakia. The high degree of heat recovery is noted, as well as the possibility of using a small pump for hot water feed. -- G. Titov.

CARD: 1/1

KREN, J.

Distr: 4E3b/4E2c(j)

Phase equilibria in the system 1,3-butadiene-acetone-water under elevated pressure. 2. Mervart and J. Kren (Výzkumný ústav syntetického kaučuku, Gottwaldov, Czech.). Collection Czechoslov. Chem. Commun. 24, 3688-92 (1959). The liquid-liquid equil. was measured in the system 1,3-butadiene-acetone-water up to 9.1 atm. The binodal curves were detd. in the temp. range from 0 up to 70° and the tie-lines at 25 and 60°. A simple glass pressure app. is described. The results were correlated by means of the Othmer-Tobias equation. R. Ertel

4
1-99 (HA)
2

7C

99

Z/009/60/000/03/006/028
E142/E235

AUTHORS: Mervart, Z., Křen, J., and Loučka, P

TITLE: Economic Analysis of the Effect of the Properties of Solvents on the Separation of 1,3-Butadiene¹ by Extraction Rectification

PERIODICAL: Chemický průmysl, 1960, Nr 3, pp 132-135

ABSTRACT: The separation of the C₄ hydrocarbon fraction, which is important in the manufacture of butadiene rubber, can be carried out by extraction rectification, using polar liquids which are selective for hydrocarbons with lower degree of saturation. Furfural, containing 4% of water (aqueous furfural), has been used by various authors for separating 1,3-butadiene (Refs 1 to 4). The authors investigated the possibility of using as solvent a mixture of acetone, containing 18% of water (aqueous acetone) and bis (2-chloroethyl) ether ("chlorex") (Ref 5). Flow sheets for both methods are given (Figs 1 and 2). The effect of the solvents on the relative volatility of the hydrocarbons, on the solubility of the hydrocarbons in the solvents, and on their properties under industrial conditions were compared (Table 1). The decisive economical factors were found to be the

Card 1/2

Z/009/60/000/03/006/028
E142/E235

Economic Analysis of the Effect of the Properties of Solvents on the Separation of 1,3-Butadiene by Extraction Rectification

corrosive and thermal properties of the solvents and the solubility of liquid hydrocarbons. Cost estimates for machinery when using aqueous acetone, aqueous furfural and chlorex are compared in Tables 2 and 3. Data on power consumption per ton of butadiene are compared in Table 4. The authors conclude that aqueous acetone is most satisfactory from an economical point of view, in spite of the fact that its use involves a more complicated technological process. There are 2 figures, 7 tables and 9 references, 2 of which are Czech, 6 English and 1 Soviet.

ASSOCIATION: Kaučuk, n.p., Výzkumný ústav syntetického kaučuku, Gottwaldov (Kaučuk n.p., Research Institute for Synthetic Rubber, Gottwaldov)

SUBMITTED: October 28, 1959

Card 2/2

KREN, J.

Distr: 4E3b/4E2c(j)

5-828(NB)
2

Economic analysis of the effect of solvent characteristics on the isolation of 1,3-butadiene by extractive distillation. Zdeněk Mervart, Jaroslav Křen, and Pavel Loučka (Výzk. ústav synth. kaučuku, Gottwaldov, Czech.). Chem. průmysl 10, 132-5 (1990).—Three solvents, acetone with 18% H₂O, furfural with 4% H₂O, and bis(2-chloroethyl) ether are compared. The comparison is based on equipment costs, energy costs, and costs due to solvent losses. The cheapest process is that with aq. acetone, despite the more complicated process required. P. Čefel—

DR

99

GURKA, F; KŘEN, K; HERALECKÝ, J

Czechoslovakia

Brno, Veterinářství, No 1, 1963, pp 27-28

"Preliminary Results of the Influence of Mineral-Vitamin Emulsions and Other Materials (biogenic stimulators) on Weight Gains and State of Health of Farm Animals."

SMERDA, Frantisek, inz.; KREN, Miroslav

New types of mechanized supports for low seams. Uhli 6 no. 8;
276-278 Ag '64.

1. Institute of Coal Mining Machinery, Opava.

DELEKTORSKAYA, Ye.A.; YERGA KOV, A.P.; KREN', N.L.

Comparative petrological characteristics of coal seams in the
Tula and Shchekino Districts of the Moscow Basin. Izv. AN SSSR.
Ser.geol. 21 no.2:79-85 F '56. (MLRA 9:5)

1. Ministerstvo ugol'noy promyshlennosti SSSR, Tul'skaya geologi-
cheskaya partiya i Trest "Mosbassuglegeologiya", g. Tula.
(Moscow Basin--Coal geology)

YABLOKOV, V.S.; GVOZDEVA, N.P.; KOCHETOVA, V.I.; UMNOVA, N.I.;
KREN', N.L.; SHMIDT, M.I.; VANDERFLIT, Ye.K.; PAVLOV, S.I.,
red.; FINOGENOV, V.P., red.; RODIONOV, A.F., tekhn. red.

[Atlas of coals of the Moscow Basin]Atlas uglei Podmoskovnogo
basseina. Pod red. V.S.Iablokova. Tula, TSentr. biuro tekhn.
informatsii. Vol.1. 1962. 195 p. Vol.2.[Photographs of
thin sections and samples of coals]Fotografii shlifov i obraz-
tsov uglei. 1961. 56 tables. (MIRA 16:4)
(Moscow Basin—Coal)

STARK, O.; KREN, V.; FRENZL, B.; BRDICKA, R.

Attempt to induce a "graft versus host" reaction in grown tolerant chicks and the causes of its failure. Folia biol. 7 no.4:243-251 '61.

1. Department of Biology, Faculty of General Medicine, Charles University, Prague.

(TRANSPLANTATION immunol.)

(SKIN TRANSPLANTATION immunol.)

CERNOCH, Z.; TOMANEK, J.; SKRIVANEK, O.; KREN, V.

Roentgenographic cinematography of the digestive tube. Cesk.rentg.
15 no.1:1-9 F '61.

1. Radiologicka klinika LF KU v Hradci Kralove, prednosta prof.
Dr. Sc.dr. Jan Bastecky.
(CINEFLUOROGRAPHY)
(GASTROINTESTINAL SYSTEM radiog)

STARK, O.; FRENZL, B.; KREN, Vl.; Technicka spoluprace L. Vojcik a V. Sestakova

Some problems of transplantation immunity and immunological tolerance.
Cas.lek.cesk 100 no.20:621-626 19 My '61.

1. Ustav pro obecnou biologii KU v Praze, prednosta prof. dr. B. Sekla.

(TRANSPLANTATION immunol) (PARABIOSIS)

FRENZL, B.; KREN, V.; STARK, O.; VESELY, P.; Technicka spoluprace V. Sestakova,
L. Vojcik

Immunology of rat iso-antigens. Cas.lek.cesk 100 no.20:626-631
19 My '61.

1. Ustav pro obehou biologii KU v Praze, prednosta prof. dr.
B. Sekla.

(ERYTHROBLASTOSIS FETAL exper)

BRDICKA, R.; KREN, V.; FRENZL, B.; STARK, O.

Interlineal relationships in rats. Folia biol. 8 no.6:352-359 '62.

1. Department of General Biology, Faculty of General Medicine,
Charles University, Prague.
(SKIN TRANSPLANTATION) (ERYTHROCYTES) (ANTIGENS)

CERNOCH, Zd.; KREN, V.

Roentgen cinematography of the esophagus. Cesk. otolaryng. 11 no.6:
336-338 D '62.

(ESOPHAGUS)

KRENOVA-PECLOVA, Drahomira; KRAL, J.; BABOROVSKA, Jana; KREN, V.

Split tolerance in rats. Folia biol. (Praha) 9 no.4:258-264.
'63.

1. Department of Biology, Faculty of General Medicine, Charles
University, Prague.

(SKIN TRANSPLANTATION) (ANTIBODY FORMATION)
(ERYTHROCYTES) (ANTIGEN-ANTIBODY REACTIONS)

CEFNOCH, Zdenek. KREN, Vitezslav

Experimental study on gas angiocardiology. Sborn. ved. prac.
lek. fak. Karlov. univ. (Hrad.Kral.) 6 no.5 suppl.:631-636 '63

1. Radiologicka klinika (prednostar: DrSc. prof. MUDr. J.Basticky),
Karlova Universita v Hradci Kralove.

JILEK, Iarbor; PRENOSIL, Josef; KLIKA, Eduard; HOMOLKA, Jiri; KREZI, Vladimír;
MYSLIVECKOVA, Alana.

Principle of a single function, structure and chemism of living
matter. Acta Univ. Carol. [sed.] (Praha) 10 no.8:575-587 '64

1. Fysiologicky ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta prof. MUDr. F.Karasek, DrSc.);
Katedra dialektickeho a historickeho materialismu fakulty vse-
obecneho lekarstvi University Karlovy v Praze (vedouci prof.
RSDr. J. Prenosil, CSs); Histologicky ustav fakulty vseobecneho
lekarstvi University Karlovy v Praze (prednosta akademik J. Wolf);
Laboratorni oddeleni polikliniky v Praze 2 (vedouci prof. MUDr.
J. Homolka, DrSc.) a Biologicky ustav fakulty vseobecneho lekarstvi
University Karlovy v Praze (prednosta prof. MUDr. RNDr. B. Sekla,
DrSc).

KREN,V.; SLEZAK,P.; STEINHART,L.; ENDRYS,J.; PROCHAZKA,J.

False dissected aortic aneurysm. Cesk. rentgen. 18 no.1:69-70
Ja'64.

1. Kardiochirurgicke stredisko lekarske fakulty KU v Hradci
Kralove a Radiologicka klinika lekarske fakulty KU v Hradci
Kralove (prednosta: prof.dr.J.Bastecky, DrSc.).

*

KREN, V.; CERNOCH, Z.; STEINHART, L.; ENDRYS, J.; SLEZAK, P.; PUDIL, V.;
PRIBORSKY, J.; HODAN, J.

Venography of the liver and kidneys with slowed-down circulation
by means of intrabronchial hypertension in animal experiments.
Cesk. radiol. 19 no.4/5:285-288 Ag '65.

1. Radiologicka a chirurgicka klinika lekarske fakulty Karlovy
University v Hradci Kralove, CSSR.

CERNOC, Z.; KREN, V.; KOPECHNY, J.; KVASNICKA, J.; SLEZAK, P.; STEINHART, L.;
NAVRATIL, P.

Roentgen findings in hypertensive patients during lumbar
aortography and renovasography. Cesk. radiol. 19 no.4/5:
311-314. Ag '65.

1. Radiologicka klinika, ustav patologicke anatomie, I. interni
a urologicka klinika lekarske fakulty Karlovy University v Hradci
Kralove, CSSR.

CERNOCH, Zdenek; KREN, Vitezslav; JELINEK, Oldrich

Arteriographic findings in stenosis and obliteration of the branches of the aortic arch. Sborn. ved. prac. lek. fak. Karlov. Univ. 8 no.2:169-170 '65.

1. Radiologicka klinika (prednostaz prof. MUDr. J. Bastecky, DrSc.) i II. interni klinika (prednosta* prof. MUDr. V. Jurkovic, DrSc.) Lekarske fakulty Karlovy university v Hradci Kralove.

KREN, Vitezslav; CERNOCH, Zdenek; STEINHART, Leo; ENDRYS, Jiri;
SLEZAK, Premysl; FUDIL, Vratislav; PRIBORSKY, Jaromir;
HODAN, Jiri

Liver and kidney venography in animal experiments during
delayed circulation by intrabronchial hypertension. Sborn.
ved. prac. lek. fak. Karlov. Univ. 8 no.2:179-182 '65

1. Radiologika klinika (prednosta: prof. MUDr. J. Bastecky,
DrSc.) a Chirurgicka klinika (prednosta: prof. MUDr.
J. Prochazka, DrSc.) Lekarske fakulty Karlovy University
v Hradci Kralove.

CERNOCH, Zdenek; KREN, Vitezslav; KVASNICKA, Jiri; SLEZAK, Premysl

The significance of lumbar aortography in hypertensive patients.
Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:155-159 '64.

1. Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky,
DrSc.) a I. interni klinika (prednosta: prof. MUDr. F. Cernik)
Karlovy University v Hradci Kralove.

KREN, Vitezslav.

Unusual injuries of the lower extremities. Acta chir. orthop. traum.
cech. 25 no.4:326-327 July 58.

1. Chirurgické oddelení nemocnice v Opocne--OUN Dobruska, přednosta
MUDr. Svatopluk Marek. V. K., Nove Mesto n. Met.

(HIP, dislocation,

with diaphyseal fract., intramedullary nailing (Cz))

(LEG, fractures,

diaphyseal, with hip disloc., intramedullary nailing (Cz))

EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6524. HOMOTRANSPLANTATION OF CARTILAGE IN THE RECONSTRUCTIVE SURGERY OF THE FACE - Krenar J. Clin. of Plast. Surg., Masaryk Univ., Brno - REV. CZECH. MED. 1958, 4/4 (322-334) Tables 3 Illus. 4

In 11 patients there was a saddle deformation of the nose, in 8 patients the graft was used as a flap support (in the majority of cases for the reconstruction of the ear) and in 8 patients there were deformations in other parts of the face. The patients were followed up regularly during the first year after operation and then after one to 4 yr. On an average the results were very good in 70% of the cases; the graft healed and served its purpose perfectly. In only 4 cases was the graft rejected or absorbed. The events which occur in the host organism after the implantation of homoplastic cartilage grafts, fresh as well as preserved, are dealt with and a theoretical basis for the 'takes' of cartilage homotransplants is offered. Cartilage homotransplants are recommended for the filling out of depressions in the face, especially for saddle nose, as a method of choice. They are also recommended in cases where it is necessary to use quite a large graft, where the correction of facial contours is contemplated in stages (hemiatrophy, in children etc., and wherever it is impossible to obtain autoplasmic grafts. Transplantation for the purpose of supporting skin pedicle flaps is considered less suitable.

(IX, 19*)

KRENAR, J.

Homotransplantation of cartilage in the reconstructive surgery of the face. Rev. Czech. M. 4 no.4:322-334 1959.

1. Clinic of Plastic Surgery, Masaryk University, Brno. Director: Doc. Dr. V. Karfik.

(FACE, surgery

plastic surg. with homotranspl. of cartilage)

(CARTILAGE, transplantation

homotranspl. in reconstructive surg. of face)

KRENAR, Jiri

Contribution to unusual congenital defects of the hand. Acta chir.
orthop. traum. cech. 26 no.4:298-303 Aug 59.

1. Klinika plasticke chirurgie v Brne, nrednosta doc. dr. Vaclav Karfik.
(HAND, abnorm.)

KRENAR, J., prof.; HAVLASEK, L.

Possibilities of plastic surgery in operative gynecology. Cesk.
gynek. 27 no.10:692-701 D '62.

1. Klin. plast. chir. lek. fak. UJEP v Brne, prednosta prof. dr.
V. Karfik I gyn.-por. klin. lek. fak. UJEP v Brne, prednosta prof.
dr. L. Havlasek.

(GYNECOLOGY)

KRENAR, J.; HAVLASEK, L.

Can methods of plastic surgery contribute to operative gynaecology?
Acta chir. plast. 5 no.2:153-163 '63.

1. Clinic of Plastic Surgery, Purkyne University, Brno (Czechoslovakia)
Director: Prof. V. Kašik, M.D. Obstetric and Gynaecology Clinic,
Purkyne University, Brno Director: Prof. L. Havlasek, M.D.
(GYNECOLOGY) (SURGERY, PLASTIC) (VESICOVAGINAL FISTULA)
(SKIN TRANSPLANTATION)

KRENAR, J.

Surgical treatment of melanoblastoma of the skin. Rozhl. chir.
42 no.4:271-277 Ap '63.

1. Klinika plasticke chirurgie lekarske fakulty UJEP v Brne,
prednosta prof. dr. V. Karfik.
(SKIN NEOPLASMS) (MELANOMA)
(SKIN TRANSPLANTATION)

KRENAR, J.

Advantages of S-shaped excisions. Acta chir. orthop. traum.
cech. 30 no.6:498-501 D'63.

1. Klinika plasticke chirurgie lekarske fakulty UJEP v
Brne; zast.prednosta:doc.dr. V.Kubacek, CSc.

*

KRENIAR, J.; HAVLASEK, L. [deceased]

Principles of plastic surgery in gynecological reconstruction. Gask. gynek. 29 no.5:360-365 Je'64

1. Klinika plast.chir. lek. fakulty UJEP [University J.E. Purkyně] v Brn. (prednostas: doc. dr. V.Kubacek, CSc.) a
I. gyn. - por. klin. lek. fak. UJEP [University J.E. Purkyně] v Brn. (prednostas: prof. dr. L.Havlasěk [deceased]).

KREHAROVA, Vladimira

Potentiated premedication during intra-uterine radium application.
Cesk. rentg. 14 no.3:170-173 Je '60.

1. Ondologicky ustav v Brne, reditel doc. MUDr. Jan Sprindrich.
(RADIUM ther.)
(UTERUS NEOPLASMS radiother.)

KRENC, Karel

KRENCH, Karel [Krenc, Karel], letchik-instruktor (g. Olomouts) (Chekhoslovakiya)

A dream realized. Kryl. rod. 9 no.10;8 0 '58.
(Czechoslovakia--Aeronautics)

(MIRA 11:12)

KRENCHEL, B.A. [Krentsel, B.A.], a kémiai tudományok doktora (Szovjetunio)

Organic semiconductors. Term tud kozl 5 no.5:199-201 My '61.

KRENCIK, Wieslaw, doc. dr

New tasks and new system of wages and salaries in designing
offices. Przegl techn 85 no. 14: 1,4 5 Ap '64.

KRENCIK, Wlodek, dr. doc

Ways of solving the problem of shortened hours of labor. Praca zaoczna
nr 6 no.6:6-10 Ję '64.

FROM DAL', P. VI.

Dissertation: "Clinico-Experimental Investigation of the Functional Characteristics of Intestinal Constrictions." Cand Med Sci, First Moscow Order of Lenin Medical Inst, 12 Apr 54. (Voennoyuzhskaya Moskva, Moscow, 1 Apr 54)

CO: SUM 243, 17 Oct 1954

KREMDAL', Petr Yevgen'yevich; kand.med.nauk; KABATOV, Yuriy Fedorovich,
kand.tekhn.nauk; BOMASH, Yu.M., red.; LYUDKOVSKAYA, N.I.,
tekhn.red.

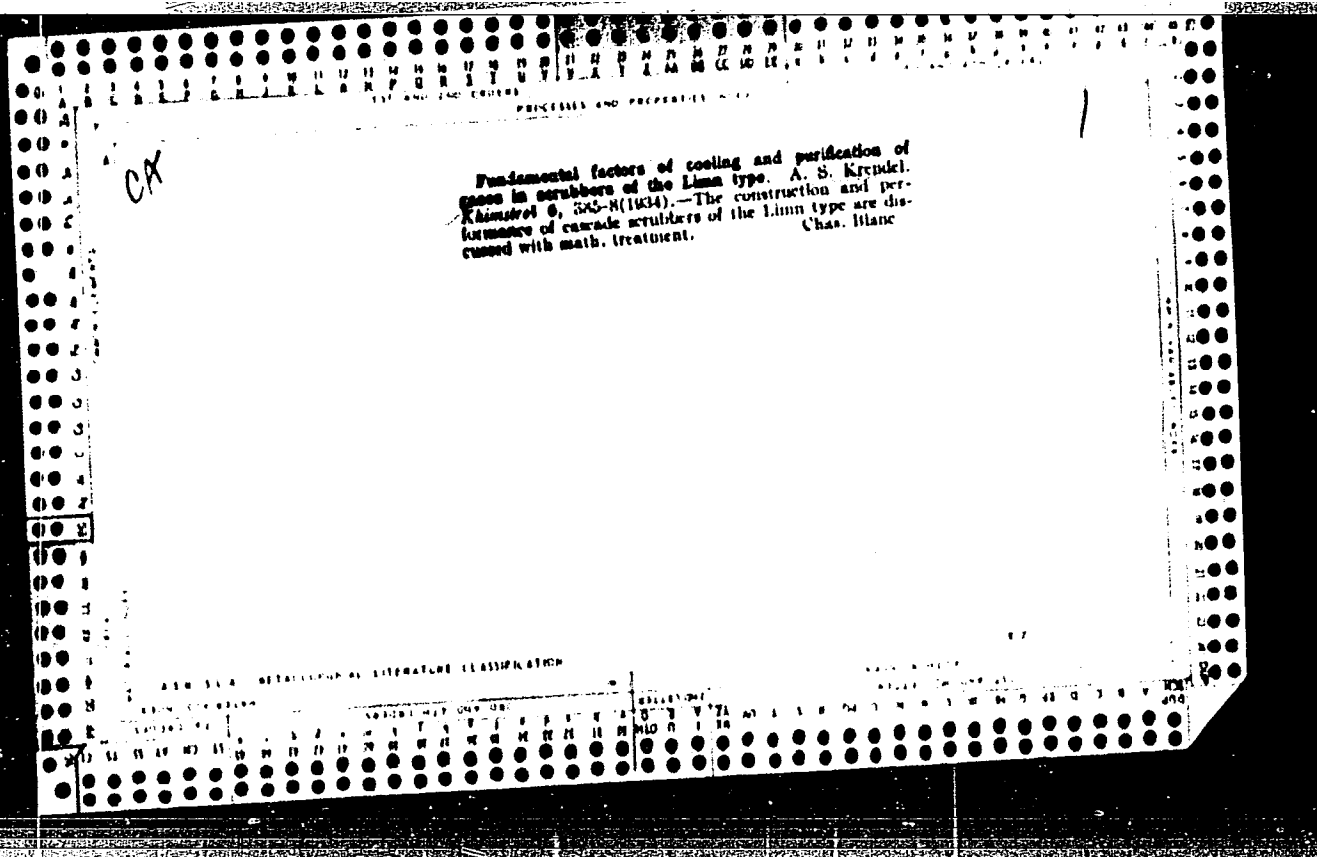
[Medical equipment manual; guide for pharmaceutical institutes
and pharmaceutical faculties of medical institutes] Meditsinskoe
tovarovedenie; uchebnoe rukovodstvo dlia farmatsevticheskikh
institutov i farmatsevticheskikh fakul'tetov meditsinskikh
institutov. Moskva, Gos.izd-vo med.lit-ry, 1958. 334 p.

(MIRA 13:1)

(MEDICAL INSTRUMENTS AND APPARATUS)

KRENDAL', P.Ye.; KULESHOVA, Z.V.; GEL'FEL'D, L.A.; PETROV, V.D.;
SHAVTSOV, S.I., red.

[Practical exercises in the study of medical supplies]
Praktikum po meditsinskomu tovarovedeniiu. Moskva, Me-
ditsina, 1964. 200 p. (MIRA 1749)



13-I-2

Desulphurisation of industrial gases by arsenites under industrial conditions. A. S. KRENDEL (J. Chem. Ind. Russ., 1937, 14, 288-292).—Under factory conditions the entire H_2S content of flue gas can be recovered by absorption in aq. Na or NH_4 arsenite.
R. T.

1. KRENDEL', A.S.
2. USSR (600)
4. Sunflowers
7. Obtaining gas from sunflower husks in vegetable oil factories. Masl.zhir.prom. 17
no. 2, 1952

9. Monthly List of Russian Accession, Library of Congress, February, 1953, Unclassified

KITAYGORODSKAYA, O.D., professor; EUPER, S.G.; BOSIK, R.N.; GEL'MAN, A.S.;
ROZANOVA, A.M.; KRENDEL', A.S.

Use of diathermia in the compound therapy of pneumonia in children.
Pediatria 39 no.1:74-75 Ja-F '56. (MLRA 10:1)

(PNEUMONIA, ther.
diathermy, in child.)
(DIATHERMY, in various dis.
pneumonia in child.)

KRENDEL', A.S.

Increasing the economic efficiency of gas generating units.
Gaz. prom. 4 no.7:13-16 J1 '59. (MIRA 12:10)
(Gas producers)

KRENDEL, A.S.

Recovery of lime. Sakh. prom. 33 no.4:20-27 Ap '59.
(MIRA 12:6)

1. Gosudarstvennyy institut po proyektirovaniyu novogo stroitel'stva
i rekonstruktsii predpriyatiy sakharnoy promyshlennosti.
(Lime) (Sugar manufacture)

KRENDEL', A.S.; SHTEYNBERG, I.P.

Burning natural gas under steam boilers by means of multinozzle
jet burners. Sakh.prom. 34 no.1:40-46 Ja '60.
(MIRA 13:5)

1. Giprosakhar.
(Boilers) (Gas burners)

KRENDEL', A.S.

More about the combined use of flue gases in storing sugar
beets. Sakh. prom. 35 no.8:75 Ag '61. (MIRA 14:8)
(Sugar beets--Storage)

KRENDEL', A.S.

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SECRET, NOFORN, NOFORN, NOFORN, NOFORN

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S/044/62/000/007/075/100
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16.2400

AUTHOR: Krendell, S.

TITLE: Random oscillations of systems with non-linear restoring forces

PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 49, abstract 7V221. ("Mezhdunar. soyuz po teor. i. prikl. mekhan. Simpozium po nelineynym kolebaniyam, Kiyev, In-t matem." An USSR, 1961, 14 p)

TEXT: Investigated is the reaction of a non-linear system to a random excitation. Well-known methods for the investigation of this phenomenon as the method of Cramers and the equivalent linearisation of K.M. Krylov and N.N. Bogolyubov are discussed. The relations between these methods are investigated, a modification of the equivalent linearisation is proposed (it is easy for the determination of the mathematical expectation of the observed phenomena under smaller non-linearities). The basic system is taken in the form

$$\ddot{x} + 2\alpha\dot{x} + \omega_0^2 [x + \varepsilon g(x)] = A(t)$$

Card 1/2

Random oscillations of systems ...

S/044/62/000/007/075/100
C111/C222

where ε is a small parameter, $g(x)$ is an odd function with the potential

$$G(x) = \int_0^x g(\xi) d\xi$$

and $A(t)$ is the characteristic of the random effect on the considered oscillation system. For this system one determines the mean quadratic errors and the effective frequency under certain conditions by aid of the equivalent linearisation. Then one applies the method of Cramers and compares the two methods with each other.

[Abstracter's note : Complete translation.]

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COUNTRY	: CZECHOSLOVAKIA	
CATEGORY	: General and Specialized Zoology. Insects.	P
	: Harmful insects and mites.	
	:	
TIME	: Destruction of insect nests of fruit trees during the period of vegetation.	
REF. PIA	:	

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SO: Monthly list of East European Accessions (EEAL). LC Vol 4, No. 6, June 1955, Uncl

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SOURCE CODE: CZ/0031/65/013/011/C761/0769

AUTHOR: Kronek, Vlastimil (Engineer)

13

B

ORG: Research Institute of Mechanization and Automation, Nove Mesto (Vyskumny
ustav pre mechanizaciu a automatizaciu)

TITLE: Assembly--important source of increase in work productivity 14

SOURCE: Strojirenska vyroba, v. 13, no. 11, 1965, 761-769

TOPIC TAGS: machine industry, industrial production

ABSTRACT: The article presents a survey of complex rationalization of assembly work at machine works and of ways to increase its productivity. It reports that 32% of the work is expended on assembly and that 50% or more of the assembly work is done manually, and points out the possibilities of improvement. Orig. art. has: 8 figures and 1 table. [JPRS]

SUB CODE: 13, 05 / SUBM DATE: none

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UDC: 621.757.77: 621.338.2

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