

MACZYNSKI, J.; KRZYSZTON, D.

Characteristic functions and the strain tensor in a compressible sand mass motion. Bul Ac Pol tech 10 no.1:[35]-[42] '62.

1. Department of Mechanics of Continuous Media, Institute of Fundamental Technical Problems, Polish Academy of Sciences, Warsaw.
Presented by J.Litwiniszyn.

KRYZAN, Danuta

Characteristics of the range of the settling trough in loose ground. Archiw gorn 10 no.:29-31 '65.

1. Submitted February 20, 1964.

BEZECKI, Andrzej; KRZYSZTON, Zofia

Case of peripheral and cerebral Winiwarter-Buerger disease
with erythroprosopalgia. Neur. &c. polska 6 no.1:45-52
Jan-Feb 56.

1. Z Kliniki Neurologicznej A. M. we Wroclawiu, Kierownik:
prof. dr. R. Arend.

(ERYTHROMELALGIA, etiology and pathogenesis,
endarteritis obliterans. (Pol))

(ENDARTERITIS OBLITERANS, complications,
erythromelalgia. (Pol))

GOLA, Alfred; KRZYSZTON, Zofia

Non-esterified fatty acids in the cerebrospinal fluid. Polski tygod.
lek. 16 no.18:664-667 1 My '61.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu; kierownik:
prof. dr Edward Szeszeklik i z Kliniki Chorob Nerwowych A.M. we
Wrocławiu; kierownik: prof. dr Rudolf Arend.

(FATTY ACIDS csf) (CEREBROSPINAL FLUID chem)

HOLYST, Jerzy; KRZYSZTON, Zofia

Dermatomyositis simulating bulbar syndrome. Pol. tyg. lek. 17 no.13:
484-486 26 Mr '62.

1. Z Kliniki Neurologicznej AM we Wroclawiu; Kierownik prof. dr
Rudolf Arend.

(DERMATOMYOSITIS diag)

KRZYSZTON, Zofia, adiunkt

Problem of the etiopathogenesis of amyotrophic lateral sclerosis.
Rozpr. wydz. nauk. med. 8 no.1:41-64 '63.

1. Z Kliniki Neurologicznej AM we Wrocławiu Kierownik: prof.
dr med. Rudolf Arend (Przedstawili: prof. dr med. E. Herman,
prof. dr med. A. Pruszyński).

(AMYOTROPHIC LATERAL SCLEROSIS)

Publ. Health Sec. 17 Vol. 3/8 Public Health Aug. 57

2511. KRZYSZTOŃ-ZEMANEK M. "Wpływ warunków pracy na zdrowie zdrowie pracowników w zakładach przemysłu lnianarskiego. Influence of labour conditions on the health of workers in the flax industry works ZDROW. PUBL. 1956, 5 (403-414) Tables 5
Special attention is paid to occupational dermatoses (acne, 'spinner's hand') and the possibilities of improvement in this respect are pointed out.

AREND, Rudolf; BRZECKI, Andrzej; KRZYSZTONIOWA, Zofia

Results of the treatment of multiple sclerosis with Proper-
Myi. Pol. tyg. lek. 18 no.41:1527-1529 7 0 '63.

L. Z Kliniki Neurologicznej AM we Wroclawiu; kierownik: prof.
dr. R. Arend.

(CRYPTOCOCCUS) (CANDIDA) (SACCHAROMYCES)
(MULTIPLE SCLEROSIS) (BIOLOGICAL PRODUCTS)

HIRSZFELD, L.; KRZYSZTOPORSKI, S.

Results of the anti-allergic therapy of abortions. *Med.dosw.mikrob.*
2 no.2:142-143 1950. (CJML 20:6)

1. Summary of report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Odanak, Sept. 1949. (Wroclaw).

KRZYSZTOPORSKI, S.; OSINSKA, M.; HIRSZFELD, L.

On transmission of maternal antibodies during labor. Med.diw.mikrob. 2 no.2:144-145 1950. (GLML 20:6)

1. Summary of report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdansk, Sept. 1949. (Wroclaw.)

KRZYSZTOFORSKI, S.

KRZYSZTOFORSKI, S., OSINSKIEJ, M., STOCHOWEJ, K., TUROZYNSKIEGO, T.,
HIRSZFELD, L.

Further investigations on preventing abortions by antistine.
Polski tygod. lek. 5:9, 27 Feb. 50. p. 321-5

1. Of the Institute for Medical Microbiology and of the Clinic
Obstetrical-Gynecological of the Medical Academy in Wroclaw,

GLHL 19, 5, Nov., 1950

KRZYSZTOPORSKI, S.; KLAWE, H.; TURCZYNSKI, T.

Antistin in obstetrics (with exception of abortions). Polski tygod.
lek. 5 no.41:1433-1435 9 Oct 50. (GLML 20:6)

1. Of the Clinic of Obstetrics and Female Diseases of the Wroclaw
Medical Academy (Head--Prof.S. Krsysztoporski,M.D.) and of the Insti-
tute of Medical Microbiology of Wroclaw Medical Academy (Head--Prof.
L.Hiresfeld,M.D.). Work done for the Research Center on the Pathol-
ogy of Pregnancy, Wroclaw.

HIRSZFELD, L.; KRZYSZTOPORSKI, S.; KLAWE, H.; TURCZYNSKI, T.; OSINSKA, M.;
STOCHOWA, K.; LIBERSKA, H.

Further studies on the action of antiallergic drugs on
pathological manifestations in pregnancy, with special
reference to habitual abortions. Polski, tygod. lek. 6
no.25-26:786-795 25 June 51. (CIML 21:1)

1. Of the Research Center for the Pathology of Pregnancy
of the Obstetric-Gynecological Clinic in Wroclaw and of
the Institute of Medical Microbiology.

HIRSZFELD, L.; KRZYSZTOPORSKI, S.; KLAWE, H.; TURCZYNSKI, T.

Conservative therapy and prevention of blood groups incompatibility.
Med. doaw. mikrob., Warsz. 4 no. 3:339 1952. (CML 23:3)

1. Summary of work progress presented at 11th Congress of Polish
Microbiologists held in Krakow May 1951. 2. Wroclaw.

KRZYSZTOPORSKI, Stanislaw (Lodz, Mickiewicza 12)

Obstetric aspect of serologic conflict, Gyn. Polska 25 no.3:253-
263 July-Sept. 54.

(Rh FACTORS,

isoimmun. in pregn.)

(PREGNANCY, blood in

Rh isoimmun.)

KRZYSZTOPORSKI, Stanislaw. (Lodz, Mickiewicza 12, 14)

New method of hysterectomy. Gin. polska 27 no.1:29-33 1956.

1. Z II Kliniki Chorob Kobietych A.M. w Lodzi

Kierownik Kliniki: prof. dr S.Krzysztoporski.

(UTERUS, surgery

hysterectomy through Douglas pouch (Pol))

KRZYSZTOPORSKI, Stanislaw; FAJER, Jerzy; JEDRYKA, Regina.

Modification of total hysterectomy in cancer of the vaginal portion of the uterus. Gin. polska 27 no.1:35-40 1956.

1. Z II Kliniki Polosnictwa i Chorob Kobietych A.M. w Lodzi
Kierownik Kliniki: prof. dr S.Krzesztoporski. Lódź, Mickiewicza
12 n. 14.

(CERVIX, UTERINE, neoplasus,
surg. hysterectomy, total, modified technic (Pol))

EXCERPTA MEDICA Sec.16 Vol.4/12 Cancer Dec 56

4491. KRZYSZTOPORSKI S. 2. Klin. Pol. i Chor. Kob., Łódź. Własna modyfikacja doszczętnego usunięcia macicy w przypadkach raka części pochwowej *A modification of radical hysterectomy in cervical cancer* Ginek. Pol. 1956, 27/1 (35-40)

This method comprises 3 stages: (1) extraperitoneal stage - incision of the abdominal wall with dissection of the rectus muscles; extraperitoneal exposing of the ureter and aa. uterinae and ligating of these latter; (2) intraperitoneal stage - opening of the peritoneum in the vesico-uterine fold; separation of the bladder; cutting of the infundibulo-pelvic ligaments; mobilization of the ureters; incision of the peritoneum of the cul-de-sac and separation of the rectum from the posterior vaginal wall; (3) perineal stage - separation of the vagina from the rectum; opening of Douglas pouch; removing of the uterus with vagina and parametria.

Howarka - Poznań

KRZYSZTOPORSKI, Stanislaw

Modified method of removing the uterus through the vagina.
Gin. polska 28 no.1:59-62 Jan-Feb 57.

1. Z II Kliniki Położnictwa i Chorob Kobietych A.M. w Łodzi
Kierownik: prof. dr. S. Krzystoporski, Łódź, ul. Mikiewicza
12 m. 14.

(UTERUS, surg.
modified method of removing uterus through vagina (Pol))

KRZYSZTOPOBSKI, Stanislaw (Lodz, Mickiewicza 12.)

New surgical approach to the organs of the true pelvis. *Gin. polska* 29
no.2:151-156 Mar-Apr 58.

1. Z II Kliniki Położnictwa i Chorob Kobięcych A. M. w Łodzi Kierownik:
prof. dr med. St. Krzysztoporski.

(GENITALIA, FEMALE, surg.)

new surg. approach & technic (Pol))

KRZYSZTOPORSKI, Stanislaw

Ureteral pincers. Gyn.polska 31 no.3:347-348 My-Je '60.

1. Z II Kliniki Położnictwa i Chorob Kobietych A.M. w Łodzi
Kierownik: prof. dr St.Krzysztoporski
(CERVIX NEOPLASMS surg)

KRZYSZTOPORSKI, Stanislaw

Prophylactic shoes for pregnant women and employees working in the standing position. Ginek. pol. 33 no.5:627-632 '62.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Lodzi Kierownik:
prof. dr S. Krzysztoporaki.

(SHOES) (PRENATAL CARE) (OBESITY) (POSTURE)
(INDUSTRIAL MEDICINE)

KRZYSZTOPORSKI, Stanislaw

Preventive clothing for working women with special reference to pregnancy. Ginek. pol. 33 no.5:633-636 '62.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Lodzi. Kierownik:
prof. dr med. S. Krzysztoporski.

(CLOTHING) (PRENATAL CARE) (INDUSTRIAL MEDICINE)

KRYSTOFORSKI, Stanislaw

A modified method for the removal of the fertilized egg. Sinek.
Pol. 36 no.1871-79 Ja '65

1. Z II Kliniki Położnictwa i Chorob Kobięcych w Łodzi
(Kierownik prof. dr. med. St. Krzyżoporski)

L 44741-66 EWP(j)/EWP(t)/ETI IJP(c) RM/JD

ACC NR: RP6032891

SOURCE CODE: PO/0046/65/010/012/0777/0731

AUTHOR: Vrublevska, Mariya--Wroblowska, M.; Kshivan'ska, Emiliya--Krzywanska, E.

ORG: Department of Nuclear Chemistry, Warsaw University, Warsaw

TITLE: Investigation of the hydrogen rearrangement in the benzoic acid by using tritium

SOURCE: Nukleonika, v. 10, no. 12, 1965, 777-781

TOPIC TAGS: radiation chemistry, tracer study, tritium

ABSTRACT: The purpose of this work was to study the possibility of the hydrogen rearrangement in the benzoic acid. Radioactive tritium had been used as a labelling atom. The experiments performed at 200°C during 72 and 240 hours showed that rearrangement does not take place in these experimental conditions. Orig. art. has: 1 table. [Based on authors' Eng. abst.] [JPRS: 36,002]

SUB CODE: 07, 18 / SUBM DATE: 10Sep65 / SOV REF: 003

Card 1/1 mjs

0920 0408

GEISSLER, Karol; KRZYWANSKA, Emilja

Paraffin base chemical dosimeter. Nowotwory 15 no.1:97-100
Ja-Mr'65.

1. Z Instytutu Onkologii w Gliwicach (Dyrektor: dr. med.
J. Swiecki).

L 31429-66

ACC NR: AF6023114

SOURCE CODE: FO/0046/66/011/001/0029/0034

AUTHOR: Krzywanska, Emilia; Mendecki, Jozef

14
B

ORG: [Kzywanska] Department of Nuclear Chemistry, University of Warsaw, Warsaw (Katedra Chemii Jądrowej Uniwersytetu Warszawskiego); [Mendecki] Department of Tumor Biology, Institute of Oncology, Gliwice (Zakład Biologii Nowotwarów Instytutu Onkologii)

TITLE: Measurement of activity of sup ^{14}C in the biological material by the liquid scintillation method

SOURCE: Nukleonika, v. 11, no. 1, 1966, 29-34

TOPIC TAGS: radioactivity measurement, scintillator, radiology

ABSTRACT: The optimal conditions for measurement of the activity of ^{14}C in biological samples by the liquid scintillation method were determined. The samples were burned to CO_2 , which was introduced into the scintillator solution. Orig. art. has: 2 figures and 1 table. [Based on authors' Eng. abst.] [NA]

SUB CODE: 18, 07, 06 / SUBM DATE: 10Sep65 / SOV REF: 003 / OTH REF: 005

Card 1/1 JT

0915

1334

KRZYWANSKI, Zenon

Studies on the causes of the physiological resistance of potato leaves to *Phytophthora infestans* de By. II. Respiratory pathway in the leaves of two varieties of potatoes infected by, or treated with toxins of *Phytophthora infestans*. *Prace nauk roln i lesn* 11 no. 2:3-29. 62

1. Department of Plant Phycology, Agricultural College, Poznan
Chairman: prof. dr. Jan Wojciechowski.

KLEZYDA, S.

Cracking of the steam boiler drumhead. p. 152

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektrykow
Polskich) Bytom, Poland. Vol. 13, no. 6, June 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 8, no. 9, September 1959
Uncl.

KREYWA, J.

"The collective farm in Budzow has 350 quintals of potatoes from one hectare" p. 14
"Everybody in the Soil Improvement Action" p. 14 (pion, Vol. 4, No. 5, May 1953,
Warszawa)

SO: Monthly List of ~~Russian~~ Accessions/ East European Vol. 3, No. 3 Library of Congress, March 195⁴, Uncl.

POLAND / Cultivated Plants. Potatoes. Vegetables.
Melons.

M-3

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25032

Author : ~~Krzywda, Z.~~

Inst : Not given

Title : A Method of Accelerating the Reproduction of
Potato Selection Material by Means of Clipping
Ethylated Sprouts

Orig Pub: Roczn. nauk rolniczych, 1956, A73, No 3, 401-406
(Polish; res. Russ., Eng.)

Abstract: No abstract.

Card 1/1

Author: ZENON, BENYON, MICHAEL

Studies on the physiological reasons of potato leaf
resistance to *Phytophthora infestans* De By. Pt. 1. *Prace
roln i lesn* 18 no.2:69-82 '64.

1. Department of Plant Physiology, College of Agriculture,
Poznan.

GRABSKA, Stanisława; KRZYWDZINSKI, J.

Survey of works of fine arts schools at the industrial
pattern fair. Przegl wlokien 16 no.10:Suppl.: Biul C B Wzorn
Przem Lekkiego 3 no.7/8:1962 0 '62.

KRZYWDZINSKI, Stanislaw, mgr inz.

Examples of solving linear programmings for mining needs by the graphic and communication method. Prezgl gorn 20 no.3:127-133 Mr '64.

GLOWACZ, Kazimierz, mgr inż.; KRZYWDZINSKI, Stanislaw, mgr inż.

Operational research in the nonferrous ore industry. Pt. 3.
Rudy i metale 8 no.4:129-132 '63.

KRZYWDZIŃSKI, Stanislaw, mgr., inż.; GLOWACZ, Kazimierz, inż.

Application of operational tests in nonferrous ores dressing.
Rudy i metale 7 no.1:12-15 '62.

KRZYWDZINSKI, Stanislaw, mgr ins.; GLOWACZ, Kazimierz, inz.

Application of operational research in the nonferrous ore industry.
Pt.2. Rudy i metale 8 no.1:1-6 Ja '63.

KR. 111

Krzywicki A. Regeneration of Chrome Tanning Solutions.
"Regeneracja brzożek chromowych" Przeglad Skroczny No 8.
1953, pp. 193-196, 1 tab

The author deals with the methods hitherto practised in the tanning industry for regeneration of the chromium salts left over in waste tanning solutions, and with their advantages and shortcomings. The author also refers to a specific instance of regenerating chromium salts using a method developed by Fottner - a rationaliser of the Russian leather tanneries. This method consists in the precipitation of chrome of sodium hydroxide of chromic acid and adding the residue, which contains chromium salts, to a fresh solution infused from another dechromate. This method results in a saving of sodium hydroxide.

KPZYWICKA, A.

Researches concerning the deacidification of polymerized ricinine, (To be contd.)
p. 11. Biuletyn Przem. (PRZEGLAD SKORZANY, Lodz, Vol 8, no. 12, Dec. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

KRZYWICKA, A.

Regeneration of chrome solutions, p. 193. (PRZEGLAD SKORZANY, Lodz, Vol. 8, no. 8, Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. ⁶~~4~~, Jan. 1955, Uncl.

KRZYWICKA, E

Krzywicka, E. Sur les solutions de l'équation différentielle
 $x^{(n)} + A(t)x = 0$ qui satisfont à des conditions données
dans plusieurs points. Bull. Acad. Polon. Sci. Cl. III.
3 (1955), 521-522.

Consider real solutions of $x^{(n)} + A(t)x = 0$ where $A(t) \neq 0$ is real and continuous on the real line. At $r \leq n$ different points $\alpha_1 < \alpha_2 < \dots < \alpha_r$, we examine the derivatives $x^{(j_{\mu}-1)}(\alpha_{\mu}) = C_{\mu}$, for a total of n boundary conditions. The author announces the following theorem. If the points $\alpha_1, \dots, \alpha_r$ and the order q_{μ} of the highest derivative evaluated at each α_{μ} are fixed, then the existence of a unique solution satisfying the above auxiliary conditions is independent of the values C_{μ} , and of the natural numbers j_{μ} . Also the author remarks on conditions on (q_1, q_2, \dots, q_r) which assure the existence of a unique solution for all sequences $\alpha_1 < \alpha_2 < \dots < \alpha_r$ of real numbers.
L. Markus (Princeton, N.J.)

1 - F/W

2001

Handwritten initials

KRZYWICKA, A.

POLAND / Chemical Technology. Chemical Products and H-35
Their Application. Leather. Fur. Gelatin.
Tanning Agents. Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3360.

Author : Krzywicka, A.

Inst : NOT given.

Title : Problem Concerning the Scalding of Pig Skins.

Orig Pub: Przegl. skorzany, 1958, 11, No 8, 189-193.

Abstract: No abstract.

Card 1/1

KRZYWICKA, A.

Researches on the liming of Polish goatskins. p. 247.
(PRZEGLAD SKORZANY. Vol. 11, no. 10, Oct. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

POLAND/Chemical Technology. Chemical Products and Their
Application. Leather. Fur. Gelatine. Tanning
Materials. Industrial Proteins.

H-35

Abstr Jour: Ref Zhur-Khim., No 2, 1959, 6942.

Autor : Krzywicka, Alicja.

Inst :

Title : Manufacturing of Glove Leather from Pig Skins.

Orig Pub: Przegl. skorzany, 1957, 12, No 1, 15-19; No 2, 43-48.

Abstract: The butt of a pig skin is little fit for manufacturing of glove leather, and the shoulder, being fit for that by its structure, is not large enough. The dermal tissue of the butt of a pig skin can be loosened by repeated mechanical treatment at the right angle to the spinal column, as well as by additional intensive liming and bating. For the manufacturing of glove pig leather

Card : 1/2

POLAND/Chemical Technology. Chemical Products and Their
Application. Leather. Fur. Gelatine. Tanning
Materials. Industrial Proteins.

H-35

Abstr Jour: Ref Zhur-Khim., No 2, 1959, 6942.

it is recommended to plane the butts in raw state, to lime them 21 days in drums in old pits with an addition of Na_2S , to bate them for 20 - 24 hours at 32 - 34°, to degrease the un-haired skins after bating, and to pickle them using HCl or HCOOH , but not H_2SO_4 . They should be tanned finally with syntan, greased with 12 to 15% of grease, and dried without stretching at about 20° in well circulating air. - M. Lyubsenburg.

Card : 2/2

KELLYWICKA, A.

The problem of tanning pigskin glove leather. (Conclusion) p. 43.
(Przeegląd Skorzany, Vol. 12, No. 2, Feb. 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (MEAL) Lc. Vol. 6, No. 8, Aug. 1957. Und

Handwritten text at the top left: "KRYWIK, E"

TABLE I BOOK REFERENCES

PG. 2/355

Palmer, George (1898-1953) *The Algebra of Numbers*, 1953, 129 p. Evans and Sons, London. 1,000 copies printed.

Mathematical Society (1948-1949) *Mathematical Society*, 1948, 129 p. Evans and Sons, London.

Mathematical Society (1950-1951) *Mathematical Society*, 1950, 129 p. Evans and Sons, London.

Mathematical Society (1952-1953) *Mathematical Society*, 1952, 129 p. Evans and Sons, London.

Mathematical Society (1954-1955) *Mathematical Society*, 1954, 129 p. Evans and Sons, London.

Mathematical Society (1956-1957) *Mathematical Society*, 1956, 129 p. Evans and Sons, London.

Mathematical Society (1958-1959) *Mathematical Society*, 1958, 129 p. Evans and Sons, London.

Mathematical Society (1960-1961) *Mathematical Society*, 1960, 129 p. Evans and Sons, London.

Mathematical Society (1962-1963) *Mathematical Society*, 1962, 129 p. Evans and Sons, London.

Mathematical Society (1964-1965) *Mathematical Society*, 1964, 129 p. Evans and Sons, London.

Mathematical Society (1966-1967) *Mathematical Society*, 1966, 129 p. Evans and Sons, London.

Mathematical Society (1968-1969) *Mathematical Society*, 1968, 129 p. Evans and Sons, London.

Mathematical Society (1970-1971) *Mathematical Society*, 1970, 129 p. Evans and Sons, London.

Mathematical Society (1972-1973) *Mathematical Society*, 1972, 129 p. Evans and Sons, London.

Mathematical Society (1974-1975) *Mathematical Society*, 1974, 129 p. Evans and Sons, London.

Mathematical Society (1976-1977) *Mathematical Society*, 1976, 129 p. Evans and Sons, London.

Mathematical Society (1978-1979) *Mathematical Society*, 1978, 129 p. Evans and Sons, London.

Mathematical Society (1980-1981) *Mathematical Society*, 1980, 129 p. Evans and Sons, London.

Mathematical Society (1982-1983) *Mathematical Society*, 1982, 129 p. Evans and Sons, London.

Mathematical Society (1984-1985) *Mathematical Society*, 1984, 129 p. Evans and Sons, London.

Mathematical Society (1986-1987) *Mathematical Society*, 1986, 129 p. Evans and Sons, London.

Mathematical Society (1988-1989) *Mathematical Society*, 1988, 129 p. Evans and Sons, London.

Mathematical Society (1990-1991) *Mathematical Society*, 1990, 129 p. Evans and Sons, London.

Mathematical Society (1992-1993) *Mathematical Society*, 1992, 129 p. Evans and Sons, London.

Mathematical Society (1994-1995) *Mathematical Society*, 1994, 129 p. Evans and Sons, London.

Mathematical Society (1996-1997) *Mathematical Society*, 1996, 129 p. Evans and Sons, London.

Mathematical Society (1998-1999) *Mathematical Society*, 1998, 129 p. Evans and Sons, London.

Mathematical Society (2000-2001) *Mathematical Society*, 2000, 129 p. Evans and Sons, London.

Mathematical Society (2002-2003) *Mathematical Society*, 2002, 129 p. Evans and Sons, London.

Mathematical Society (2004-2005) *Mathematical Society*, 2004, 129 p. Evans and Sons, London.

Mathematical Society (2006-2007) *Mathematical Society*, 2006, 129 p. Evans and Sons, London.

Mathematical Society (2008-2009) *Mathematical Society*, 2008, 129 p. Evans and Sons, London.

Mathematical Society (2010-2011) *Mathematical Society*, 2010, 129 p. Evans and Sons, London.

Mathematical Society (2012-2013) *Mathematical Society*, 2012, 129 p. Evans and Sons, London.

Mathematical Society (2014-2015) *Mathematical Society*, 2014, 129 p. Evans and Sons, London.

Mathematical Society (2016-2017) *Mathematical Society*, 2016, 129 p. Evans and Sons, London.

Mathematical Society (2018-2019) *Mathematical Society*, 2018, 129 p. Evans and Sons, London.

Mathematical Society (2020-2021) *Mathematical Society*, 2020, 129 p. Evans and Sons, London.

42/10/12
30/10/60

(2)

KRZYWICKA, Hanna

WOJCIAK, Zofia; KRZYWICKA, Hanna

Studies on air disinfection with chemical media. Prsegl. epidem.
8 no.2:121-128 1954.

1. Z Działu Epidemiologii Państwowego Zakładu Higieny.
(AIR,
disinfect., chem. technics)

WOJCIAK, Zofia; KRZYWICKA, Hanna

Disinfection of linen with chemical agents. Przegł. epidem.,
Warsz. 10 no.3:265-277 1956.

1. Z Zakładu Epidemiologii Państwowego Zakładu Higieny.
(ANTISEPSIS AND ASEPSIS,

linen disinfection with chem. agents (Pol))

FRYDLEBA, H.: GRUNDLAND, I.

Interrelation between the chemical structure of antiseptic agents and their reaction, especially on the surface. p. 34. (Prace Instytutów i Laboratoriów Badawczych Przemysłu Rolnego i Spożywczego, Vol. 7, No. 1, 1957, Warsaw, Poland)

EO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, No. 8, Aug 1957. Uncl.

WOJCIAK, Zofia; KRZYWICZA, Hanna

Chemical disinfection of linen. II. Use of activated chloramine solutions. Praceł. epidem., Warsz. 11 no.2:189-193 1957.

1. Z Zakladu Dezynfekcji, Dezynsekcji i Derstyzacji Panstwowego Zakladu Higieny.

(CHLORAMIDES, eff.

disinfect. of Micrococcus aureus & Bacillus subtilis contaminated linen (Pol))

(MICROCOCCUS PYOGENES, eff. of drugs on activated chloramine disinfect. of M. aureus contaminated linen (Pol))

(BACILLUS SUBTILIS, eff. of drugs on activated chloramine, disinfect. of B. subtilis contaminated linen (Pol))

WOJCIAK, Zofia; KRZYWICKA, Hanna

Studies on bacterial contamination of the hands in the nursing staff. *Pediat.polska* 35 no.1:95-102 Ja '60.

1. Z Zakładu Desynfekcji, Desynsekcji, Deratyzacji P.Z.H. Kie-
rownik Zakładu: dr.med. A. Brodniewics.
(HANDS microbiol.)
(NURSING)

ARCT, Jacek; ECKSTEIN, Zygmunt; GWIAZDECKA, Irena; KRZYWICKA, Hanna

Possibilities of utilizing 2,4,5- trichlorophenol in the synthesis of pesticides. Przem chem 41 no.10:582-586 0 '62.

1. Katedra Technologii Organicznej II, Politechnika Warszawa i Panstwowy Zaklad Higieny, Warszawa.

ARCT, Jacek; ECKMEJN, Zygmunt; KRZYWICKA, Hanna

Bacteriostatic activity of o-hydroxybenzyl alcohol derivatives.
Przem chem 43 no. 2: 87-91 P '64.

1. Katedra Technologii Organicznej II, Politechnika, Warszawa
i Panstwowy Zaklad Higieny, Warszawa.

S/044/63/000/002/013/050
A060/A126

AUTHORS: Krzywicki, A., Rybarski, A.

TITLE: On a linearization of the equation of an elastic rod

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 39, abstract 2B167
(Zastosow. mat., 1962, v. 6, no. 3, 321 - 332; English; summaries
in Polish, Russian)

TEXT: The author investigates a system of three nonlinear differential equations representing the shape of an elastic rod rigidly clamped at one end and subjected at the other end to a force perpendicular to the axis of the undeformed rod. As is known, the system under investigation is integrated with the aid of elliptic integrals. The authors give certain approximate solutions of the equations, containing elementary functions and Bessel functions. These approximate solutions are obtained by applying the method of linearization, similar to the method of harmonic linearization known from the theory of nonlinear oscillations. An error estimate is also obtained for the approximate solutions. The case of small deformations of the rod is considered separately. Numerical

Card 1/2

On a linearization of the equation of
examples are cited.

S/044/63/000/002/013/050
A060/A126

Author's summary

[Abstracter's note: Complete translation]

Card 2/2

KRZYWICKI, A. (Wrocław)

On an application of Weyl's method to a boundary value problem of linearized equations of hydrodynamics. Roczniki matematyczne 5:15-26 '61.

CHARZYNSKI, Z. (Lodz); KRZYWICKI, A. (Wroclaw); ZAMORSKI, J. (Wroclaw)
[deceased].

Witold Wolibner, September 9, 1902 - January 9, 1961. Col
math 10 no. 2:353-360 '63.

KRZYWICKI, A.

A lateral force exercised by a viscous and compressible liquid on an obstacle.
In French. p.241.
BULLÉTIN. Varsovie
Vol. 3, no. 5, 1955

So. East European Accessions List Vol. 3, No. 9 September 1956

KRZYWICKI, A.

The lateral force exercised by a compressive viscous liquid on an obstacle. In French. p. 174
(Studia Mathematica. Vol. 15, no. 2, 1956.)

SO: Monthly List of East European Accessions (KEAL) LC, Vol. 6, no. 7, July 1957.
Uncl.

KRZYWICKI, A.

The frontal force exercised by a compressive viscous liquid on an obstacle.
In French. p. 252.
(Studia Mathematica. Vol. 15, no. 2, 1956.)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

5

✓ Krzywiczki, A.; Rzewuski, J.; Zamorski, J.; and Zięba, A. Non-local problems in the calculus of variations. II. Ann. Polon. Math. 4 (1957), 30-39.

In part I [same Ann. 2 (1955), 77-96; MR 17, 861] the authors considered the first variation for the problem of minimizing a functional of the form

$$I = \int_a^b \int_a^b L(t, t', q(t), q(t'), \dot{q}(t), \dot{q}(t')) dt dt',$$

where q is a function of a single variable. In this paper an oscillation theorem is derived for the linear integro-differential equation which is the Euler-Lagrange equation for I when the integrand L is a quadratic form, under the assumption that there is a uniquely determined two parameter family of solutions when a and b are fixed. Then the solutions are also the solutions of a second order linear differential equation, so the classical theorem of Sturm applies. Also the second variation of the integral, and sufficient conditions for a weak minimum are discussed.

✓ (Attention should be called to a dissertation by A. R. Jacoby [Iterated integrals in the calculus of variations, Univ. Chicago, 1946 (microfilm copies obtainable from

Key (University of Chicago Libraries)), in which sufficient conditions for a semi-strong minimum for the functional I are derived. Here, "semi-strong minimum" means merely that a uniform bound on the derivatives of comparison functions $q(t)$ is assumed. The sufficiency proof given by Jacoby is an indirect one.)

5

JA
2/2

L. M. Graves (Chicago, Ill.)

KRZYWICKI, A.

A problem of forces and moments exercised on an obstacle by a compressive viscous fluid. In French.

P. 48 (STUDIA MATHEMATICA) Poland, Vol. 10, No. 1 1957

SO: Monthly Index of European Accessions (ALII) Vol. 6, No. 11, November 1957

KRZYWICKI, A

Distr: 4E3e 2 cys

4
2

V Phenomenological theory of unstable particles. A. Krzywicki and J. Szumincki (Inst. Fizyki Jadrowych, Warsaw). Polish Acad. Sci. Inst. Nuclear Research, Rept. No. 125/VII, 3 pp (1959) (in English); cf. Levy, Nuovo cimento 13, 115 (1959); Araki, et al., C.A. 51, 11863g.

A more accurate description of unstable particles in terms of stable-particle scattering properties is given on the basis of the S-matrix formalism. A. Szalewski

SK

SK

POLAND/Theoretical Physics - Quantum Theory of Fields.

B

Abs Jour : Ref Zhur Fizmat, N. 4, 1960, 7751

Author : Krzywicki, A.

Inst : Institute of Nuclear Research, Warsaw, Poland

Title : An Approximation Method for Solving Scattering Problems

Orig Pub : Bull. Acad. polon. Sci, math., astron. et phys. 1959, 7,
No 1, 41-45

Abstract : A relativistically covariant approximate method is proposed, which may be useful in the investigation of processes with strongly interacting particles. The method consists of expanding the operators of the interacting fields in normal products of asymptotic operators (corresponding to the time tending to $\pm\infty$), with a few of the first terms of this expansion being used. The author does not give any specific examples of the application of the method. -- M.I. Ryazanov

Card 1/1

KRZYWICKI, A.

On the possibility of measuring the branching ratio $R = \frac{(\pi^+ + p \rightarrow \pi^0 + \pi^- + p)}{(\pi^- + p \rightarrow \pi^+ + \pi^- + n)}$ at very high energies. Bul Ac Pol mat 8 no. 7: 477-485 '60.

1. Institute for Nuclear Research, Polish Academy of Sciences.
Presented by L. Infeld.

(Physical measurements) (Mesons)

KRZYWICKI, A.

High-energy pion-nucleon collisions and isotopic properties of the pion-pion interaction. *Bul Ac Pol mat* 8 no. 7-487-491 '60.

I. Institute for Nuclear Research, Polish Academy of Sciences. Presented by L. Infeld.

(Mesons) (Nuclear physics)

PHASE I BOOK EXPLOITATION

POL/5733

Polskie Towarzystwo Matematyczne

Prace matematyczne (Mathematical Transactions) Warsaw, Państwowe Wydawn.
Naukowe, 1961. 146 p. (Series: Its: Roczniki. Seria I., [no] 5)
1,150 copies printed.

Editorial Board: Chief Ed.: Władysław Orlicz; Deputy Chief Ed.: Marcell
Stark, Adam Bielecki, Witold Bogdanowicz, Stanisław Gołąb, Jerzy Górski,
Stanisław Hartman; Secretary: Julian Musielak, Zbigniew Semadeni,
Krzysztof Tatarkiewicz.

PURPOSE: This book is intended for mathematicians.

COVERAGE: This is a collection of 14 articles on the theory of functions, theory
of numbers, theory of series, functional analysis, differential equations, and
their applications to hydrodynamics and thermodynamics. No personalities are
mentioned. References follow each article.

Card 1/4

Mathematical Transactions

POL/5733

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Jędryka, T. M. On a Certain Boundary Problem for the [Heat] Conductivity Equation

Krzywicki, A. On Using Weyl's Method in the Boundary Problem of Linearized Hydrodynamics Equations

Wojtas, M. On a Certain Property of Symmetric Determinants of Diagonal Type

Taberski, R. On the Convergence of Singular Integrals at Lebesgue-Orlicz Points of Some Functions

Kopec, J. On Quasi-Analytic Classes of Vector Functions

Stas, W. On a Certain Estimation of the Remainder of a Theorem

Albrycht, J. Some Remarks on Marcinkiewicz-Orlicz Space (IV)

Mioduszewski, J. On the Continuous Selection of Multivalued Functions on Dendrites

Card 2/4

Mathematical Transactions

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Card 3/4

Mathematical Transactions

POL/5733

Reports from Scientific Meetings of the Polish Mathematical Society

13

AVAILABLE: Library of Congress

Card 4/4

AC/rn/mas
11-6-61

KRZYWICKI, A.

On the final-state interaction in single-pion production processes.
Bul Ac Pol Mat 9 no.4:305-311 '61.

1. Institute of Nuclear Research, Warsaw. Presented by L. Infeld.

33784

P/045/62/021/002/005/007
B137/B102

24.6700

AUTHORS: Koba, Ziro, and Krzywicki, Andrzej

TITLE: Remarks on the "effective target mass"

PERIODICAL: Acta Physica Polonica, v. 21, no. 2, 1962, 153 - 174

TEXT: The authors investigate the "effective target mass" as defined by N. G. Birger and Yu. A. Smorodin (Zh. eksper. teor. fiz., 37, 1355 (1959)) as to whether or not this experimentally measurable quantity can give certain information on the collision mechanism and the high (some Gev) and superhigh ($\sim 10^2$ Gev) energy ranges. If an incident particle (nucleon or pion) is assumed to collide, not with the whole target particle (nucleon), but only with a small part of it (e.g., a virtual pion in the cloud) with an effective mass m^* , this quantity m^* can be written as

$$m^* = \sum'_i (p_{oi}^{(1)} - p_i^{(1)} \cos \theta_i^{(1)}),$$

where (1) indicates a quantity in the

laboratory system, and Σ' denotes summation not including the recoil target nucleon. The invariant quantity $\kappa^2 = \Delta^2 - \bar{Z}^2 - \Delta_o^2$ plays an

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P/045/62/021/002/005/007
B137/B102

Remarks on the "effective target ...

essential role in the field-theoretical treatment. $\vec{\Delta}$ and Δ_0 denote respectively the energy and momentum transfer between two groups of particles. Since κ^2 is not easy to determine experimentally, the authors derive the following relation between κ and m^* : $\kappa = m^*/\gamma_g - \sqrt{\gamma^2 - 1}$, where γ_g is the Lorentz factor connecting the so-called S system with the laboratory system. The S-system or minimum-momentum system is characterized by $\Delta_0^{(S)} = 0$, i.e., the energy transfer between two groups of particles vanishes. A method for determining κ from measured values of m^* is given. The effective target mass is examined first within the framework of general kinematic relations which are independent of any interaction mechanism, then from the point of view of the one-pion exchange theory. The ratio of the effective target mass to the whole mass of the target particle is related to partial inelasticity in a system moving in the direction of incidence. A method for determining the mirror inelasticity from the measured recoil momentum is given. A quantum-field theoretical investigation of the target mass on the basis of the one-pion exchange model without and with pole approximation (where the "cross

Card 2/3

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P/045/62/021/002/005/007

B137/B102

Remarks on the "effective target ...

section" of the virtual pion is replaced by that of a real pion) is made in order to compare experimental results. According to the one-pion exchange formalism, the distribution of m^* is found to be not very significant for giving information on the nucleon structure and the nucleon-nucleon collision mechanism. The properties of the generalized effective target mass are examined, and the relationship between the effective target mass and the virtuality of the exchanged pion is discussed. The authors thank Professor M. Danysz, Professor M. Migowicz and their collaborators for their interest. Ziro Koba thanks the Polish Academy of Sciences, Professor L. Infeld, and Doctor J. Dąbrowski for their hospitality. There are 8 figures and 13 references: 5 Soviet and 8 non-Soviet. The four most recent references to English-language publications read as follows: Friedländer, E. M., Phys. Rev. Letters, 5, 212 (1960); Lanus, K. et al., private communication (1961); Salzman, F. and Salzman, G., Phys. Rev., 121, 1541 (1961); Yajima, N., Takagi, S., and Kobayakawa, K., Progr. Theor. Phys., 24, 59 (1960).

ASSOCIATION: Institute for Nuclear Research, Warsaw

SUBMITTED: July 15, 1961

Card 3/3

X

KRZYWICKI, A.; RYBARSKI, A. (Wroclaw)

On a linearization of an equation of an elastic rod. Zastos mat
6 no.3:321-332 '62.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa.

KRYZICKI, J. ; WYBICKI, A.

On a linearization of an equation of an elastic rod. II. *Zentralblatt* 7 no. 4:383-390 1962.

J. Mathematical Institute of the Wrocław University and Institute of Mathematics of the Polish Academy of Sciences. Wrocław September 25, 1962.

KREYWICKI, C.

111

Five Frames

30

1343. C. Krywiczki, "Five examples of frame computation based on theory of plasticity" (in Polish), *Inżyn. Hubeon*, Dec. 1947, vol. 4, pp. 105-108; Mar. 1948, vol. 5, pp. 120-123

Five examples of one, two, and multibay frames are used to illustrate their computation and dimensioning on the basis of the design condition that the yield point is reached at the most highly stressed cross section. The equations for these frames are derived, and their application to various types of load is illustrated by numerical examples. W. Olzak, Poland

Krzywicki E.

Krzywicki E., Eng. "Technical Leathers." (Skory techniczne). Przegląd Skorsany, No. 5-6, 1949, pp. 10-11, 1 fig.

The author quotes an original method developed and tried out by himself, in the manufacture of chrome -vegetable tanned rubbing leather for the textile industry. The properties of the finished leather are equivalent to those of leather being imported.

SO: Polish Technical Abstracts - No. 2, 1951

KRZYWICKI, EDWARD

Krzywicki, Edward. Przemysł skorzany w planie szescioletnim. Warszawa,
Panstwowe Wydawn. Techniczne, 1951 79 p. (Biblioteka planu szescioletniego)
(The tanning industry in the Six-Year Plan. Illus.)

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

RUSSIA, W.

Russia and chrome leathers. p. 23.
PRZEGLAD SROGANY, Lodz, Vol. 10, no. 2, Feb. 1955.

See: Monthly List of East European Accessions, (EEAL), L., Vol. 4, no. 10, Oct. 1955,
Uncl.

RESEARCH REPORT
Poland/Chemical Technology - Chemical Products and Their Application. Leather.
Fur. Gelatin. Tanning Agents. Technical Proteins,
I-29

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63785

Author: Krzywicki, Edward

Institution: None

Title: Dry Chrome Tanning

Original

Periodical: Garbowanie chromowe sucha. Przegl. skorzany, 1955, 10, No 7, 154-157;
Polish

Abstract: On a semiplant scale dry chrome-tanning has been carried out. Dis-
cussed are the technological operating conditions, compounding and
practical results of the tanning.

Card 1/1

KRZYWICKI, E.

Certain properties of common tanning extracts. p. 177. PRZEGLĄD SKORZANY.
Lodz. Vol. 10, no. 8, Aug. 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 3, March 1956

KOTWICKI, L.

Wearability of sole leather. p. 206.

PRZEGLĄD SKÓŻANY. (Centralne Zarządy Przemysłu Garbarskiego, Obuwniczego i Artykułów Skórzanych) Łódź, Poland. Vol. 10, no. 9, Sept. 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1959.
Uncla.

KRZYWICKI, T.

Indian and Chinese goatskins as raw material for gloves.

P. 215. (Przegląd Skorany. Vol. 11, no. 9, Sept. 1956, Lodz, Poland)

Monthly Index of East European Accessions (LC. VOL. 6 & 7, no. 2,
February 1958)

KRZYWIŃKI E.

POLAND / Chemical Technology. Chemical Products and H-35
Their Application. Leather. Fur. Gelatin.
Tanning Agents. Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3365.

Author : Krzywioki, E.

Inst : Not given.

Title : Current Methods of Tanning and Finishing Shoe
Wear Uppers.

Orig Pub: Przegl. skorzany, 1956, 11, No 12, 300-304.

Abstract: No abstract.

Card 1/1

POLAND/Chemical Technology - Leather. Fur. Gelatin. Tanning
Agents. Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83934

Author : Krzywicki, B.

Inst : -

Title : Causes for a Low Quality in Finished Leathers.

Orig Pub : Przegl. skorzany, 1957, 12, No 1, 9-14.

Abstract : No abstract.

Card 1/1.

KRZYWICKI, L.

The problem of tanning pigskin for glove leather. (To be contd) p 15.
(Przeglad Skorzany, Vol. 12, No. 1, Jan. 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (ERAL) LC. Vol. 6, No. 8, Aug. 1957. Uncl.

KRZYWICKI, E.

Leathers made of horsehide to imitate kid leather. p. 33.
(Przegląd Skorzany, Vol. 12, No. 2, Feb. 1957, Krakow, Poland)

SC: Monthly List of East European Accessions (EMAL) Lc. Vol. 6, No 8, Aug. 1957. Uncl.

POLAND/Chemical Technology - Leather. Fur. Gelatin. Tanning
Agents. Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83928

Author : Krzywicki, E.

Inst : ~~---~~

Title : Tanning Methods of Sole Leather Abroad.

Orig Pub : Przegl. skorzany, 1957, 12, No 3, 69-75.

Abstract : The long lasting methods (up to one year) and accelerated ones for tanning of sole leather were described.

Card 1/1

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 4. - Leather, Furs, Gelatin,
Tanning Agents, Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 49133
Author : E. Krzywicki
Inst :
Title : Waterproof Leather.
Orig Pub : Przegl. skorzany, 1957, 12, No 6, 143-146

Abstract : The production of waterproof chrome tanned leather is described. Requirements put to the raw material, its preliminary preparation and cleansing, the tanning methods and the dressing methods of unfinished goods are presented.

Card 1/1

POLAND / Chemical Technology, Chemical Products and Their
Application. Leather, Fur, Gelatin. Tanning Materials.
Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17973
Author : Krzywicki, E.
Inst : Not given
Title : Volure Leather and Nubuks*
Orig Pub : Przegl. skorzany, 1957, 12, No 9, 220-225

Abstract : In obtaining good quality volure leather it is recommended to adhere to the following method. Soaking and ashing of 20 hours duration for each should be conducted in a drum with periodic rotation; deashing with $(NH_4)_2SO_4$ and lactic acid up to 7.9 pH; softening in the same bath with an addition of lactic acid; to the pickling solution are added 0.5% acetic acid and instead of NaCl, sometimes anhydrous Na_2SO_4 . Tanning without the use of pickling

Card 1/3

*Probably a type of goat hide.

FOIAD / Chemical Technology, Chemical Products and Cells

H-35

Application. Leather, Fur, Gelatin. Tanning Materials.
Industrial Proteins.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17973

is widely used in the manufacture of veluros. In this case the deashing is more complete but to the tanning liquor is added sodium acetate, or else, before tanning the raw hides are treated with oxalic acid. Finishing of veluros is characterized by purer and deeper plannin. After an adequate neutralization and washing, hide is folded with right sides together and after warming up to 50° it is covered with alizarin oil and egg yolks followed by drying at low temperature and by conditioning with cold humid air for 8 - 10 days. After being stored in saw dust, stretched twice, and stretched on a frame, the hide is dried at 30°, scraped and pared on a machine. Hides which were folded with scraped sides together, are dyed with acid dyos until a quick \sqrt{Sic} and even color is

Card 2/3

H-163

POLAND / Chemical Technology, Chemical Products and Their
Application. Leather, Fur, Gelatin. Tanning materials.
Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17973

obtained. In dyeing hides black, gambir, sumac, and
syntan are added. After dyeing, hides are dried at 25°
without dripping (in order to avoid formation of creases).
Difference in the finishing of "nubuks" consists in a more
thorough treatment after the application of oil. Polishing
is accomplished by starting immediately with fine grades of
sandpaper. -- M. Lyuksemburg

*Probably a type of goat hide.

Card 3/3

POLAND/Chemical Technology. Chemical Products and Their Applications. Leather. Furs. Gelatin. Tanning Materials. Industrial Proteins. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21964

Author : Krzywicki, E.

Inst :

Title : Basic Principles for Dyeing Top Skins Without Using a Cover Finishing.

Orig Pub : Przegl. skorzany, 1957, 12, No 11, 261-266

Abstract : A classification of dyes and the mechanism of their coupling with leather fabrics under various conditions of dyeing is cited. Correct use of booster agents permits re-

Card : 1/3

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POLAND/Chemical Technology. Chemical Products
and Their Applications. Leather. Furs.
Gelatin. Tanning Materials. Industrial
Proteins.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21964

gulation of the dyeing process of leather
and turns out a product with properties
as determined beforehand. To obtain uniform
dyeing of the leather, preliminary operat-
ions are also of great significance: care-
ful soaking off of the wet-salt raw mate-
rial (up to 40 hours) with intermediate
skouring and use of wetting agents; liming
in strained lime pits at 24° in drums for
18 hours (without preserving the wool);
grading of the hides; deliming and soften-
ing in vats which contain ammonium formate

Card : 2/3

POLAND/Chemical Technology. Chemical Products
and Their Applications. Leather. Furs.
Gelatin. Tanning Materials. Industrial
Proteins.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21964

and purgator; refining the grain layer and
treatment by acid siftings, pickel formate
and chrome tanning by juices prepared by
restoration of bichromate with molasses.
Planned leathers are bleached in a solution
of bisulfite and aluminum sulfuric acid
and neutralized to a pH of 5.4-5.7. The
dyeing intended for finishing with non-
pigmented glosses is conducted in 2 vats:
first with acids and directly, then with
basic dyes. -- M. Lyuksemburg

Card : 3/3

M-177

POLAND : POLAND
 SUBJECT : Chemical Technology, Chemical Products and
 Their Applications, Leather, Fur, Gelatine.*
 Abs. Jour. : Zhur-Khimiya, No. 18, 1959 No. 63232
 AUTHOR : Erzywicki, E.
 INST. : -
 TITLE : Differences and Similarities of Chemical
 Structure of the Synthetic Tanning Agents and
 Dyes for Leather.
 Orig. Pub. : Przegl. skorzany, 1958, 13, No 13, 191-197
 ABSTRACT : A review. The bibliography covers 15 referen-
 ces.

*Tanning Materials. Industrial Proteins.

CARD: 1/1

H - 186

POLAND / Chemical Technology, Chemical Products and
 Their Application, Part 4. - Leather, Furs,
 Gelatin, Tanning Agents, Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 18, 1959, 63232.

Author : E. Krzywicki.
 Inst : Not given.
 Title : Upon Some Problems of Economy and Organiza-
 tion of Leather Production in Poland and
 Other Countries.

Orig Pub: Przegl. skorzany, 1958, 13, No 3, 51 -56.

Abstract: No abstract.

Card 1/1

COUNTRY : Poland H-35
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 88854
AUTHOR : Krzywicki, E.
INST. :
TITLE : Advances in Technology of Soaking and Liming
Operations in the Production of Chrome Tanned
Leather. Part I.
ORIG. PUB. : Przegl. skorzany, 1958, 13, No 1, 7-11
ABSTRACT : Soaking of brine-cured stock is best started
with a 3-hour washing with rotation in one volume of water.
Total duration of soaking in a low-speed drum, with three
changes of water (15-17°), is 24-30 hours, while with
warmer water it is shorter by 1/3; with salt-cured stock
it is of 48 hours. In soaking of sun-dried stock from
tropical countries use is made of emulsifying and bacteri-
cidal agents, 0.3-1 g/liter, and working by hand without
touching the weak areas. Working in drums is intermittent,
for several minutes at a time. Soaking should be thorough
but not prolonged. Unhairing by painting has advantages
over unhairing in a bath: a denser grain side is obtained
CARD: 1/3

COUNTRY : Poland
CATEGORY :

H-35

ABS. JOUR. : RZKhim., No. 1959, No. 88854

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : and blood-vessels are less apparent. Painting of soaked unwrung sock results in swelling of unhaired product, breaking, and veiny leather. To reduce swelling the paint composition is made with spent liming liquor (gloving leather), or by adding to the liming composition glucose, moleskal S, or replacing $1/3 - 1/2$ of Na_2S with calcinated soda. Large heavy hides are painted on the hair side. For uniform liming the hides are hung on frames which are immersed and lifted out periodically. Low-speed liming drums should have a liquid coefficient of 4. Rotated for 2-3 minutes per 1 hour, sharpening with Na_2S , rotated for 3 minutes, stopped for 3 hours, and subsequent stops for

CARD: 2/3

287

COUNTRY : Poland
CATEGORY :

H-35

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920020-2

ABS. JOUR. : RZKhim., No. 1959, No. 88854

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : 4 hours. Duration of liming of large stock is of 16 hours. The thinner the stock, the less lime should be used in liming and the more Na_2S . For cattle-hides it is recommended to use lime bath at 26° with high content of Na_2S , without recovery of the hair. Duration of liming up to 18 hours; calfskins are limed for 30 hours in baths with high content of Na_2S ; for velours the liming is of more than 30 hours. Goatskins are limed by painting using much Na_2S (no lime). Sodium sulfhydrate is of widespread use. Duration of liming is reduced by addition of surface active agents. The limed hides are placed in water with 0.5% lime or in soft water. -- M. Lyuksemburg.

CARD: 3/3

COUNTRY : POLAND H
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Leather. Fur. Gelatine.*
 ABS. JOUR. : RZKhim., No. 23 1959, No. 84516
 AUTHOR : Krzywicki, K.
 INST. : -
 TITLE : Crinkled Leather for Shoe Tans
 ORIG. PUB. : Przegl. skorzany. 1958, 13, No 7, 163-168
 ABSTRACT : The characteristic peculiarity of crinkled
 leather is its softness and body as compared
 to the cut leather that resembles oil cloth
 to the touch. Most often for the manufacture
 of crinkled leather large raw hides are being
 employed, thus obtaining a very strong (to
 tear) and non-elastic leather. Good results
 in obtaining crinkled leather are feasible
 when employing raw pig hides, since pig lea-
 ther easily loses its characteristic grain
 *Tanning Materials. Industrial Proteins.
 CARD: 1/6

COUNTRY : H
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 23 1959, No. 84516
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : and its appearance is thus enhanced. In addi-
 Con'd tion to this, numerous texture imperfections
 of pig hides become less prominent after
 crinkling. Nevertheless, in the treatment of
 pig leather, having crinkled toside, a good
 selection of hides derived from mature ani-
 mals and freshly pickled, is required. The fol-
 lowing procedure is normally employed. After
 a considerable washing and mechanical deoiling
 the hides are smeared with a hair-removing
 substance along the flesh side, and are allo-
 wed to remain smeared for 16-18 hours.
 CARD: 2/6