TETER, Jerzy

Morphology of the gonads in Turner's syndrome. (Histo-clinical study of 11 cases). Pat. pol. 14 no.2:201-213 '63.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych AM w Warszawie Kierownik: prof. dr med. T. Bulski Z Poradni Endokrynologicznej w Warszawie Kierownik: doc. dr med. J. Teter.
        (TURNER'S SYNDROME)    (OVARY)
        (GENITALIA, FEMALE)   (PATHOLOGY)

TETER, Jerzy

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        (TURNER'S SYNDROME)   (OVARY)
        (GENITALIA, FEMALE)   (PATHOLOGY)

F

USSR / General and Specialized Zoology.   Insects.

Author  : Tetenkova, M. F.
Inst    : Kemerova State Agricultural Experiment Station.
Title   : The Alfalfa Pests in the Kemerovo Oblast.

Orig Pub: Tr. Kemerovsk. gos. s.-kh. opyt. st., 1956,
          vyp. 1, 67-86.

Abstract: The article deals with the bionomics and harmful-
          ness of bugs, snout beetles and certain butter-
          flies.  The pea pests, Kakothrips robustus Uz.
          and Acyrthosiphon pisi Kalt., were reported in
          great numbers on alfalfa.  The mining larvae of
          flies and leaf rollers, and the larvae of click
          beetles, mainly those of Selatosomus latus F.,
          Selatosomus spretus Mannh. and Agriotes sputator
          F., inflict great damage.  For the protection of

Card 1/2

F

USSR / General and Specialized Zoology.   Insects.

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6765.

Abstract: alfalfa crops it is recommended to: alternate
the yearly seed and hay harvesting; remove seed-
plots away from old alfalfa fields; cut away
wild alfalfa near seed-plots; cut alfalfa for
hay at the budding stage; effect spring clean-
ing of alfalfa fields (burning the mass collect-
ed) and to apply shallow plowing; use the suit-
able waste for feed before the advent of spring,
and to compost the unsuitable waste. -- A. P.
Adrianov.

Card 2/2

15

USSR / General and Specialized Zoology.  Insects.                F

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6773.

Author  : Tetenkova, M. F.
Inst    : Kemerovo State Agricultural Experiment Station.
Title   : Tests With 12% Hexachlorocyclohexane Dust Prep-
          aration.

Orig Pub: Tr. Kemerovsk. gos. s.-kh. opyt. st., 1956,
          vyp. 1, 87-89.

Abstract: Dusting with hexachlorocyclohexane (HCCH) (20 kg/
          hectare) of the seed pods of alfalfa during its
          budding stage led to the destruction of the fol-
          lowing bugs:  9.87% of the adult grey Poecilo-
          soytus cognatus Fieb.  63.5% of its larvae, 93.5%
          of the larvae of Adelphocorus lineolatus Goeze,
          80.9% of the adult Lygus pratensis L.  Dusting
          prior to formation of the ovaries was more effect-

Card 1/2

17

USSR / General and Specialized Zoology.   Insects.          P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6773.

Abstract: ive.  Dusting with HCCH (18 kg per hectare) of
turnips was very effective against the adult
Athalia colibri christ., especially in the first
hatching.  Dusting with HCCH (15 kg per 1 ton)
of corn seeds prior to sowing prevented them
from being damaged by elateriform larvae.  With
an increase in the rate of sowing and in the den-
sity of the standing plants, the destruction of
the elaters increased and the damage to corn de-
creased. -- A. P. Adrianov.

Card 2/2

POLAND / General Problems of Pathology. Human

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42086.

Author   : Not given.
Inst     : The Effect of Pregnancy on the Dynamics of
Title    : Early Stages of Cancer and Precancerous Condi-
           tions of the Uterine Cervix.

Orig Pub: Nowotwory, 1956, 6, No 1, 39-58.

Abstract: Nine pregnant women with cancer of the cervix
          in the stages of carcinoma in situ 2, 1a-3,
          1b-4, were investigated. The period of obser-
          vation was from 4 weeks to 3 months. Out of 5
          cases, diagnosed during the pregnancy as pre-
          invasive carcinoma, 3 were notable by reversible
          development of the progress during the second and
          third trimesters of pregnancy; in 2 cases, these
          changes were of irreversible nature. Changes in

30

Card 1/2

POLAND / General Problems of Pathology. Human Tumors.     U

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42086.

Abstract: the cervix were discovered in 7 patients prior
to the pregnancy. (3-precancerous conditions,
4-intraepithelial carcinoma). Precancerous con-
ditions, discovered during pregnancy, increased
sharply during the first trimester, decreased in
the third trimester. It is the opinion of the
author that the hypergonadotropic phase of preg-
nancy (first trimester) favors the development
of anaplastic changes in the cervical epithel-
ium, and the progesterone-estrogen phase (second
and third trimesters) retard the development of
those changes. -- M. A. Koyro.

Card 2/2

EXCERPTA MEDICA Sec 3 Vol 13/2 Endocrinology July 50

1403. CLINICAL STUDIES ON EUNUCHOIDAL HABITUS IN GONADAL DYS-
GENESIS AMONG PATIENTS WITH EXTERNAL GENITALIA OF FEMALE
TYPE. (STUDY OF 11 CASES) - Etudes cliniques de l'aspect eunuchoïdal
des dysgenesies gonadiques chez les sujets avec des organes génitaux ex-
ternes de type féminin. (Etudes de 11 cas) - T e t e r J. Policlin. d'Endo-
crinol. pour les Femmes, Varsovie - ANN. ENDOCR. (Paris) 1958, 19/2
(202-221) Graphs 6 Tables 2 Illus. 7

In the Policlinic of Endocrinology for Women in Warsaw 36 cases of gonadal atro-
phy among patients with external genitalia of female type were studied. The habi-
tus of many of them was infantile and dwarfish (Turner-Albright syndrome), or
normal. The habitus of 11 of them was eunuchoidal. These patients were submit-
ted to a complete clinical and biological examination. All showed primary amen-
orrhoea. Their social and psychological behaviour was normal and was of female
type. Seven of them felt no libido. Six were able to have intercourse. Their prim-
ary complaint was a lack of womanly morphology and menses. A thorough study
of the morphology was performed with reference to the morphogram of Decourt and

1403

Doumic (Paris). The morphometric findings were different, according to whether the chromosomal sex was male or female. Pilosity was generally poor, the vagina normal, and uterus and breasts were very small. Three patients complained of flushing when an oestrogenic treatment was discontinued. Seven patients belonged to the female chromosomal sex, 4 to the male. All showed a high FSH, and most a low 17-ketosteroid output. The uterus was sensitive to sex hormones and artificial menstruation could be secured. The breasts were sensitive to sexual hormone in the patients of female chromosomal sex. The histology of gonads will be reported in a future paper.

Vignes - Paris (III, 10)

EXCERPTA MEDICA Sec 10 Vol 12/8 Obstetrics Aug 59

1354. CLINICAL ASPECTS OF POST-PARTUM HYPOPITUITARISM (SHEE-
HAN'S SYNDROME) - Teter J. Endocrinol. Clin for Women, Warsaw -
J. OBSTET. GYNAEC. BRIT. EMP. 1959, 66/1 (40-46) Tables 2 Illus. 10
A study of 14 cases of Sheehan's syndrome showed the following incidence of sym-
ptoms and signs: Triad related to the delivery. (1) Postpartum haemorrhage in
100% and collapse at delivery in 79%. (2) Absence or premature disappearance of
lactation in 93%. (3) Permanent amenorrhoea subsequently, without molimina or
menopausal symptoms, in 93%. Subsequent symptoms of hypopituitarism. (1)
Physical asthenia in 100%. (2) Abnormal sensitivity to cold in 86%. (3) Apathy and
mental torpor in 79%. (4) Loss of libido in 79%. Common physical changes, (1)
Atrophy of mammary gland tissue in 100%. (2) Depigmentation of nipple areolae
and labia minora in 93%. (3) Waxy pallor of skin in 100%. (4) Atrophy of vulva,
vagina and uterus in 100%. The endometrium is usually unresponsive to treatment
with oestrogens and progesterone. Variable physical changes. (1) Complete loss
of pubic and axillary hair in 64%. (2) Increase of weight, and appearance of myx-
oedema in 50%. This occurs usually in the first few years of the disease. (3) Loss
of weight in 35%. This is seen most commonly when the disease has lasted many
years. Laboratory examinations. (1) Insulin tolerance test positive in 70%. (2)
Urinary 17-ketosteroids decreased in 75%. (3) BMR below -20 in 50%. (4) The
Kepler test and glucose tolerance test give abnormal results only in severe cases.
The whole clinical picture is so characteristic that the condition can be diagnosed
by the gynaecologist at his first examination of the patient.                    (X,3,6*)

TETER, Jerzy; WIGURA, Aleksander; NADWORNY, Jerzy; JANCZEWSKI, Zygmunt

Congenital adrenal dysplasia in a female with signs of pseudoherma-
phroditis (adrenal virilism).  Endokr. pol. 12 no.5:531-542 '61.

1. Poradnia Endokrynologiczna w Warszawie Kierownik: doc. dr J.Teter
Klinika Urologiczna AM w Warszawie Kierownik: prof. dr T.Wesolowski
I Klinika Poloznictwa i Chorob Kobiecych AM w Warszawie Kierownik:
prof. dr T. Bulski.
     (ADRENOGENITAL SYNDROME case reports)

KOWALCZYKOWA, Janina; TETER, Jerzy; MIKULOWSKI, Pawel

Precocious puberty due to an ovarian tumor composed of germ cells and
Sertoli-granulosa cells (gonocytoma II). Acta medica polona 3 no.2:
159-170 '62.

1. Department of Pathological Anatomy, Medical Academy, Crocow
Director: Professor Dr. J. Kowalczykowa I Gynecological and Obstetrical
Clinic, Medical Academy, Warsaw Director: Professor Dr T. Bulski.
     (PUBERTY, PRECOCIOUS etiol.)    (OVARY neoplasms)
  (GRANULOSA CELL TUMOR diag.)   (SERTOLI CELL TUMOR diag.)

BULSKI, Tadeusz; STERNADEL, Zdzislaw; TETER, Jerzy; WASILEWSKA, Teter

Folliculoma. Endokr. Pol. 13 no.2:199-207 '62.

1. I Klinika Poloznictwa i Chorob Kobiecych A. M. w W-wie Kierownik:
prof. dr T. Bulski.

   (GRANULOSA CELL TUMOR case reports)
        (OVARIES neopl)

TETER, Jerzy; SEWERYNSKA, Jadwiga

On the problem of indications for the conservative management of pre-invasive cancer of the cervix uteri. Gin.polska 31 no.3: 379-384 My-Je '60.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych A.M. w Warszawie Kierownik: prof. dr T.Bulski. i Z Centralnej Poradni Onkologicznej dla Chorob Kobiecych w Warszawie Kierownik: doc: dr J.Teter
(CERVIX NEOPLASMS surg)

TETER, Jerzy; OKNINSKI, Wladyslaw

On the diagnosis and classification of Sheehan's syndrome. Gin. polska 31 no.1:77-89 Ja-F '60.

1. Z I Kliniki Chorob Kobiecych i Poloznictwa A.M. w Warszawie. Kierownik: prof.dr med. T. Balski. Z III Kliniki Chorob Wewnetrz- nych A.M. w Warszawie. Kierownik: prof.dr med. E. Kodejszko,oraz z Poradni Endokrynologicznej w Warszawie. Kierownik: prof.dr med. J. Teter.     (PITUITARY GLAND dis.)

TETER, J.; TARLOWSKI, R

Sexual immaturity with the characteristics of Turner syndrome; study of
11 cases. Gin. polska 29 no.2:211-224 Mar-Apr 58.

1. Z Poradni Endokrynologicznej dla Kobiet w Warszawie Kierownik: doc. dr
med. J. Teter. Warszawa, Krakowskie Przedmiescie 8, m. 5.
        (TURNER SYNDROME, differ diag.
                other types of sexual immaturity (Pol))
        (INFANTILISM
                classif. & differentiation from Turner synd. (Pol))

CHATYS-SKIRZYNSFA, Halina; TETER, Jerzy

Primary amenorrhea of uterine origin. Gin. polska 29 no.4:375-385 July-Aug 58.

1. Z Poradni Endokrynologicznej w Warszawie Kierownik: doc. dr med. J. Teter i z Oddzialu Polozniczo-Ginekologicznego Instytutu Gruzlicy w Warszawie. Kierownik. prof. dr med. M. Bulska. Adres: Warszawa, Krakowskie Przedmiescie 8.
        (AMENORRHEA, etiol. & pathogen.
            uterine maldevelop. & dis., ther. (Pol))
        (UTERUS, dis.
            causing amenorrhea, ther. (Pol))

SAPER, Jerzy; TETER, Jerzy; JANCZEWSKI, Zygmunt; NADWORNY, Jerzy

Endocrinological similarity between myotonia congenita and
dystrophia myotonica. Preliminary communication. Neur.&c.polska
10 no.6:777-786 '60.

1. Z Kliniki Neurologicznej A.M. w Warszawie p.o. Kierownika:
prof. dr med. I.Hausmanowa-Petrusewicz. Z Poradni Endokrynologicznej
w Warszawie, Kierownik: doc. dr med. J.Teter. Z I Kliniki Poloz-
nictza i Chorob Kobiecych A.M. w Warszawie, Kierownik: prof. dr
med. T.Bulski.
                (MYOTONIA CONGENITAL diag)
                (MYOTONIA ATROPHICA diag)

TETER, Jerzy

Endocrinological methods in the diagnosis of neoplasms of the
gonads.  Endokr. pol. 12 no.6:623-636 '61.

1. Klinika Poloznictwa i Chorob Kobiecych A.M. w Warszawie Kierownik:
prof. dr T.Bulski.
(GONADS neopl)

TETER, Jerzy; WASILEWSKA, Barbara; STERNADEL, Zdzisław

Evaluation of the estrogenic activity in ovarian tumors of the
folliculoma type. Endokr. pol. 12 no.6:648-661 '61.

1. I Klinika Poloznictwa i Chorob Kobiecych A.M. w Warszawie
Kierownik: prof. dr T.Bulski.
(OVARIES neopl)        (GRANULOSA CELL TUMOR physiol)
(ESTROGENS physiol)

STERNADEL, Zbigniew; TETER, Jerzy; MACIEJEWSKA, Barbara

    Clinical aspects of ovarian tumors composed of granulosa cells.
    Ginek. Pol. 35 no.2:219-226 Mr-Ap '64.

    1. Z 1 Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej
    w Warszawie (Kierownik: Prof. dr. med. T. Bulski).

BOCZKOWSKI, Krzysztof; TETER, Jerzy, doc. dr.

A case of gonadal dysgenesis with clitoris enlargement in a patient with an 45/XO karyotype. Endokr. Pol. 15 no.6: 479-486  N-D '64

1. I Klinika Poloznictwa i Chorob Kobiecych Akademii Medycz- nej w Warszawie (Kierownik: prof. dr. T. Bulski); i Oddzial Endokrynologii (Kierownik: doc. dr. J. Teter).

TETER, Jerzy; BOCZKOWSKI, Krzysztof

Testicular dysgenesis with intersexual external genitalia and
male chromosomal pattern of 46/XY. Endocr. Pol. 16 no.1:13-22
Ja-F '65.

1. I Klinika Poloznictwa i Chorob Kobiecych Akademii Medycznej
w Warszawie (Kierownik: prof. dr. T. Bulski); Oddzial Endokry-
nologii (Kierownik: doc. dr. J. Teter).

BOCZKOWSKI. Krzysztof;  TETER, Jerzy, doc. dr.;  WECEWICZ, Grazyna;
MACKIEWICZ, Krystyna,

A case of Turner's syndrome with normal feminine karyotype 46/XX.
Endokr. Pol. 16 no.2:133-139  Mr-Ap'65.

1. I Klinika Poloznictwa i Chorob Kobiecych Akademii Medycznej
w Warszawie (Kierownik: prof. dr. T. Bulski) i Oddzial Endo-
krynologii (Kierownik: doc. dr. J. Teter).

BOCZKOWSKI, Krzysztof; TETER, Jerzy, doc. dr.

Male pseudohermaphroditism in a family — as observed in children.
Endokr. Pol. 16 no.3:233-244 My-Je'65.

1. I Klinika Poloznictwa i Chorob Kobiecych Akademii Medycznej
w Warszawie (Kierownik: prof. dr. T. Bulski) i Oddzial Endokry-
nologiczny (Kierownik: doc. dr. J. Teter).

BOCZKOWSKI, Krzysztof; TETER, Jerzy

Mixed form of gonadal dysgenesis. Pol. tyg. lek. 20 no.40: 1491-1493 4 0 '65.

1. Z Oddzialu Endokrynologii (Kierownik: doc. dr. J. Teter) i z I Kliniki Poloznictwa i Chorob Kobiecych AM w Warszawie (Kierownik: prof. dr. med. T. Bulski).

L 36279-66    EWP(j)/EWT(m)/T    IJF(c)    RM/WW

ACC NR: AP6016817                          SOURCE CODE:  UR/0371/65/000/006/0063/0072

AUTHORS:  Tamuzh, V. P.--Tamuzs, V.; Teters, G. A.--Teters, G.                 43
                                                                                B

ORG:  Institute of mechanics of polymers, AN LatvSSR (Institut mekhaniki polimerov
AN LatvSSR)

TITLE:  Flexure and stability of nonlinear-elastic orthotropic plates

SOURCE:  AN LatSSR. Izvestiya, Seriya fizicheskikh i tekhnicheskikh nauk, no. 6, 1965,
63-72

TOPIC TAGS:  elastic plate, flexure vibration, nonlinear elasticity, orthotropic
shell, shear strength, aerodynamic stability, supersonic vibration

ABSTRACT:  The authors consider plates made of a nonlinear-elastic orthotropic medium,
describing their deformation properties in terms of elastic tensors of fourth and
eighth ranks.  It is assumed that the shear rigidity in two of the planes is suffi-
ciently high, and that the geometrical dimensions of the plate are such that the hy-
pothesis of undeformed normals can be used.  An equation for the flexure of the plate
is obtained by summing the elementary moments over the height of the section and by
using the equilibrium equation for the differential element of the plate.  The influ-
ence of the nonlinear terms of this equation on the behavior of the plate is esti-
mated.  The dynamic stability of the plate against a force applied for a short time
is then analyzed.  This is followed by an analysis of parametric resonance  and anal-

Card 1/2

L 36279-66

ACC NR: AP6016817                                                           0

ysis of the stability of the plate when placed in a supersonic stream of gas,  Orig.
art. has:  2 figures and 38 formulas.

SUB CODE:  20/  SUBM DATE:  02Apr65/  ORIG REF:  003/

Card 2/2

LEPIN, L.; TETERE, A.; SHMIT,A.

    Reaction of aluminum with water.  Doklady Akad. Nauk S.S.S.R. 88, 871-4 '53.
    (CA 47 no.22:11921 '53)                                        (MLRA 6:2)

...nal of Applied Chemistry
. 1954
..istrial Inorganic Chemistry

**Reaction between zinc and water.** L. Lepin and A. Tetere. (*Dokl. Akad. Nauk. SSSR*, 1953, 90, 413–416). Studies of the rate of liberation of $H_2$ from Zn hydrosols shows the sequence of reactions to be: (1) $2Zn + 2H_2O \rightarrow Zn(OH)_2 + ZnH_2$, (2) $ZnH_2 \rightarrow Zn + H_2$ (adsorbed); (3) $H_2$(adsorbed) $\rightarrow H_2$(solution) $\rightarrow H_2(g)$; this is confirmed by the low energy of activation (15 kg. cal./mole) of the order expected for the Zn–H bond strength.

R. C. MURRAY.

**Preparation of colloidal aluminum and zinc.** A. Tetere, A. Smits, and L. Liepiņa (Inst. Chem., Acad. Sci. Latv. S.S.R., Riga, Latvia). *Latvijas P.S.R. Zinātņu Akad. Vēstis* 1954, No. 3(Whole No. 80), 120-3(Russian summary, 124).--Sols of Al and Zn were prepd. by the condensed-spark method with double-distd. water at 0° under pure $H_2$ atm. The disperse phase consisted of (Al) metals and hydroxides, the free metal comprising up to 61% to 88% (Zn) of the phase. The particles were positively charged and polydisperse. The sols were brownish-gray in transparent and gray in reflected light, with the Zn sol being darker. The sols reacted slowly with water and evolved H. The Al sol could be stabilized, by an adjustment of pH, for a period of yrs. (cf. Smits and Liepiņa, *C.A.* 47, 9107c). Andrew Dravnieks

TETERE, A. P.

*(Austra   Petrovna)*

TETERE, A. P. -- "Oxidation of Suspension Sols of Aluminum and Zinc with Water in the Presence of Different Substances." Latvian State U, 1955. In Latvian (Dissertation for the Degree of Candidate of Chemical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

TETERE, A.; SMITS, A.; LIEPINS, L.

Preparation of aluminum and zinc hydrosols. Koll.zhur.17 no.6:
468-470 N-D '55.                                    (MLRA 9:4)

1.Institut khimii AN Latv.SSR, Riga.
(Aluminum) (Zinc) (Colloids)

TETERE, A

USSR/Chemistry - Physical chemistry

Card 1/1      Pub. 22 - 27/47

Authors    : Lepin', L., Act. Memb., Acad. of Sc., Latv. SSR; and Tetere, A.

Title      : Reaction of Al with aqueous solutions of hydrochloric and sulfuric acids

Periodical : Dok. AN SSSR 101/6, 1079 - 1082, Apr. 21, 1955

Abstract   : The kinetics of reaction processes between metal (Al) and aqueous acid
             solutions were investigated. The effect of gradual increase of hydro-
             gen ion concentration on the reaction is explained. It was established
             that the reaction between the metal and acid, which in the first stage,
             leads to the formation of two metal compounds (hydroxide and hydride),
             i. e., separation of bonds in the water molecule and formation of two
             new chemical bonds, requires a definite orientation of the water mole-
             cules on the phase separation boundary. It was observed that if the
             water molecules are turned toward the surface of the metal with their
             oxygen or hydrogen tips only, the reaction between the metal and the
             aqueous acid solutions will not take place. Seven references: 6 USSR
             and 1 English (1927-1954). Graphs.

Institution : Acad. of Sc., Latv. SSR, Inst. of Chem.

Submitted   : January 13, 1955

TETERE, A., and others.

Parkerizing of iron at reduced temperature.  In Russian. p. 69.

LATVIIAS PSR ZINATNU AKADEMIJA.  VESTIS.  RIGA, LATVIA.  No. 7, 1959

Monthly List of East European Accessions.  (EEAI) LC, Vol. 9, no. 2,
Feb. 1960 Uncl.

/ Hydrosol of iron. A. Tetere and L. Liepina. *Latvijas* 3
*PSR Zinātnu Akad. Vēsts 1959, No. 3, 73(in Russian).—
By the Svedberg method a hydrosol of Fe was obtained.
The expt. was made in $H_2$ atm. under intensive cooling
condition. The sol-suspension contained 2-12 $\mu$ particles.
The content of metallic Fe was 180.0 to 680.0 mg./l. and
total Fe 517.0-1280.0 mg./l.           M. K. Chang—

YEZERSKIY, M., inspektor-kulinar; TETEREV, A.

Duty of cooking instructor. Obshchestv.pit.  no.8:31
Ag '59.                                       (MIRA 12:12)
          (Cooking schools)

ACC NR:     AR6000664               SOURCE CODE: UR/0372/65/000/008/G008/G008

AUTHOR: Teterev, A. G.

TITLE: The support plane method in nonlinear programming

SOURCE: Ref. zh. Kibernetika, Abs. 8G62

REF SOURCE: Sb. Itog. Nauchn. konferentsiya Kazansk. un-ta za 1963 g. Sekts. matem., kibernet, i teoriya veroyatn., mekhan., Kazan', 1964, 50-52

TOPIC TAGS: nonlinear programming, set theory, mathematic space, function analysis

ABSTRACT: For the const. vector $c = (C_1, \ldots, C_n)$, the continuous piecewise-linear function $\ell(x)$ of $x = (\xi_1, \ldots, \xi_n) \in R_n$ and the continuous function $g(x)$ with the bounded piecewise-continuous derivative $g'(x) = (\partial g/\partial \xi_1, \ldots, \partial g/\partial \xi_n)$ defined in the space $R_n$ or with respect to the set A and convex with respect to one of the sets $A = \{x/\ell(x) \leq 0\}$, $B = \{x/\ell(x) \leq 0; g(x) \geq 0\}$, $C = \{x/\ell(x) \leq 0; x \in E'\}$, where $E'$ is a connected and convex set bounded by the outer boundary of the set $E = \{x/\ell(x) \leq 0; g(x) \leq 0\}$, the author finds the max $\{cx/\ell(x) \leq 0; g(x) \leq 0\}$. The problem considered is a particular instance of the general problem of convex programming. A method of solution based on the selection of support planes of the convex surface $z = g(x)$ at the

Card   1/2                                                UDC: 62-503

ACC NR:    AR6000664

points $(x_i, g(x_i) \in R_{n+1}, x_i \in E): z = g(x_i + a(x_i)(x-x_i)$ and the replacement of the constraint $g(x) \leq 0$ with $g(x_i) + a(x_i)(x-x_i) \leq 0$, $i = 0$, $k$, is described. Methods of constructing the support plane and determining the initial and $k + 1$ approximations also are described. The conditions of convergence are considered. V. M. [Translation of abstract]

SUB CODE: 12

Card    2/2

TETEREV, A.G.

Chaplygin's theorem for elliptic equations.  Dokl. AN SSSR 134 no.5:
1024-1026 O '60.                                    (MIRA 13:10)

1. Kazanskiy gosudarstvennyy universitet im. V.I.Ul'yanova-Lenina.
Predstavleno akademikom S.L.Sobolevym.
            (Potential, Theory of)
            (Differential equations, Partial)

28810

S/140/61/000/005/006/007
C111/C222

AUTHOR:     Teterev, A. G.

TITLE:      On positive solutions of integral equations

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika,
            no. 5, 1961, 69-77

TEXT:  The author considers the linear Fredholm integral equation

$$y(x) = \lambda \int_a^b K(x,s) \, y(s) \, ds + f(x). \qquad (1)$$

Lemma 1: If a continuous positive kernel has eigennumbers then among
them there exists a $\lambda_0 > 0$ so that $\lambda_0 \leq |\lambda_k|$, $k = 1, 2, \ldots$ .
Let the eigennumbers of the kernel be numbered in the sequence

$$|\lambda_{k-1}| \leq |\lambda_k|,$$

where in the case of a positive kernel $\lambda_1 = \lambda_0 > 0$. Let

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$$\varphi_n(x) = f(x) + \sum_{i=1}^{n-1} \lambda^i \int_a^b K_i(x,s) f(s) \, ds \qquad (3)$$

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On positive solutions of integral . . . C111/C222

Since $\varphi_n(x)$ depends on n, $f(x)$ and $\lambda$ it is also written $\varphi_n(f), \varphi_n(f,\lambda)$.

Let Ky denote the linear integral operator $Ky = \int_a^b K(x,s)y(s)ds$.

Theorem 1: If the n-th iteration of the kernel K is continuous and positive, $K_n \geqslant 0$ and $\varphi_n(f,\lambda) \geqslant 0$ then for $\lambda < |\lambda_1|$ the solution $y(x)$ of (1) is positive, $y(x) \geqslant 0$ on the whole interval $[a,b]$. The condition $\lambda < |\lambda_1|$ is (if other assumptions of the theorem are satisfied) necessary for the positivity of the solution.

Conclusion: Let $K \leqslant 0$, $\lambda < |\lambda_1|$. Then from the condition

$$f + \lambda K f \geqslant 0 \qquad (5)$$

it follows that $y \geqslant 0$.

Theorem 2: Let $\lambda < |\lambda_1|$, $K_n \geqslant 0$ and $\sum_{i=1}^n \lambda^{i-1} K_i \geqslant 0$. Then from

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On positive solutions of integral . . . $\frac{S/140/61/000/005/006/007}{C111/C222}$

$f > 0$ it follows that $y \geqslant 0$,

Theorem 3: If $\lambda < |\lambda_1|$, $K_n \geqslant 0$ and $\sum_{i=2}^{n+1} \lambda^{i-1} K_i \geqslant 0$, then $R \geqslant K$.
Here R is the resolvent of the kernel.

The theorem 1 and 2 can be used for the construction of upper and lower comparison functions.
Given the equations

$$y = \lambda Ky + f \qquad\qquad (1)$$
$$z = \lambda Qz + g. \qquad\qquad (1')$$

Let the eigen numbers of these equations be $\lambda_k$ and $\lambda'_k$ .

Theorem 4: If $K_n \geqslant |Q_m|$ , then $|\lambda_1|^n \leqslant |\lambda'_1|^m$ .

Lemma 2: Let $\bar{y}$ be the solution of

$$\bar{y} = \lambda |K| \bar{y} + |f| \qquad\qquad (1'')$$

and $\bar{\lambda}$ be the first eigenvalue of this equation. For $\lambda < \bar{\lambda}$ then it holds $|y| \leqslant \bar{y}$ .
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Theorem 5: Let $K_m \geqslant |Q_m| \lambda^{m-n}$, $\varphi_n(f) \geqslant |\varphi_m(g)|$, $\lambda < |\lambda_1|$. Then $y \geqslant |z|$.

Then the author returns to the equation

$$y = \lambda K y + f \qquad (1).$$

Let the kernel K have a positive eigenfunction $\varphi_k$ corresponding to the real eigenvalue $\lambda_k$ with the multiplicity $r_k$. The scalar product of the function $f(x)$ and $g(x)$ is denoted with $(f, g)$.

Theorem 6: If $(\varphi_{k,r_k}, f) \neq 0$ then the condition $(\varphi_{k,r_k}, f) \geqslant 0$ is necessary and the condition $(\varphi_{k,r_k}, f) > 0$ is also sufficient that $y(x, \lambda)$ is of constant sign in a neighborhood at the left and right side of $\lambda_k$ and for all $x \in [a,b]$. If here $\lambda_k > 0$ and $0 < \lambda < \lambda_k$ then $y(x, \lambda) \geqslant 0$; but if $\lambda > \lambda_k$ then it holds $y(x, \lambda) \geqslant 0$ for even

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S/140/61/000/005/006/007

On positive solutions of integral . . . C111/C222

$r_k$ and $y(x,\lambda) \leqslant 0$ for odd $r_k$.

Theorem 7: Let the kernels $K(x,s)$ and $K(s,r)$ have positive eigenfunctions $\varphi_k$ and $\psi_k$. Then for every $f(x)$, $(f, \varphi_{i,r_i}) \not\equiv 0$, $i \neq k$, there exists a neighborhood $\Omega_i(f)$ of the real eigenvalue $\lambda_i$ so that the solution $y(x,\lambda)$ of (1) for every $\lambda \in \Omega_i(f)$ changes its sign on $[a,b]$.

The author mentions G. M. Zhdanov, P. P. Loginov, D. Yu. Panov and P. S. Uryson. There are 6 Soviet-bloc references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V. J. Ul'yanova-Lenina (Kazan' State University imeni V. J. Ul'yanov-Lenin)

SUBMITTED: January 8, 1960

Card 5/5

· AUTHOR:       Teterev, A. G.

TITLE:       The extremal properties of solutions of elliptic equations

PERIODICAL:   Akademiya nauk SSSR.  Doklady, v. 147, no. 3, 1962, 559 - 561

TEXT:  The results of a previous paper (DAN, 134, no. 5 (1960)) are used
as a basis for this investigation into the· properties of the solutions to
the elliptic equation

$$\mathfrak{M}u = \sum_{i,\,k=1}^{m} a_{ik} \frac{\partial^2 u}{\partial x_i \partial x_k} + \sum b_i \frac{\partial u}{\partial x_i} + cu = -f. \quad (1)$$

in the open region C for cases in which no assumptions are made as to the
definiteness of $c(x)$ and $f(x)$.  The following two theorems are demonstrated
and discussed:  (1) Let $r(d) \geqslant 0$  $(r(d) \leqslant 0)$ be valid in the region C for any
$d \in [a,b]$.  In this case, a regular solution of the equation (1) in the
interval $(a,b]$ $([a,b))$ has no relative minimum (maximum).  (2) To fulfill
the condition $c \leqslant \lambda_1$ it is necessary and sufficient that there should exist

a function v which in the region C fulfills the condition  $v \geqslant 0, \mathfrak{M}v \leqslant 0$.
Card 1/2

The extremal properties of...

S/020/62/147/003/009/027
B104/B186

$c < \lambda_1$ if $\mathcal{M}v \not\equiv 0$. The theorem (2) and the comparative theorem from the previous paper (cf. above) make it possible to estimate the first critical value from below and thus to demonstrate the usefulness of Chaplygin's theorem. The symbols are defined in the previous paper.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet im. V. I. Ul'yanova-Lenina (Kazan' State University imeni V. I. Ul'yanov-Lenin)

PRESENTED: June 13, 1962, by S. L. Sobolev, Academician

SUBMITTED: June 8, 1962

Card 2/2

85951

S/020/60/134/005/027/035XX
C111/C222

16.3500

AUTHOR:   Teterev, A.G.

TITLE:   Chaplygin's Theorem for Elliptic Functions

PERIODICAL:  Doklady Akademii nauk SSSR, 1960, Vol.134, No.5, pp.1024-1026

TEXT:   The notations of the paper are taken from (Ref.1).
Let the domain T and the selfadjoint elliptic operator $\mathfrak{M}$ (in T):

$$\mathfrak{M} = \sum_{i,k=1}^{m} a_{ik} \frac{\partial^2}{\partial x_i \partial x_k} + \sum_{i=1}^{m} b_i \frac{\partial}{\partial x_i} + e$$

be so that the existence of the Green's function $F = F(x,y)$ of the
Dirichlet problem

(1)          $\mathfrak{M}u = -f, \quad f \geqslant 0$

(2)          $u|_{\mathcal{J}T} = \varphi, \quad \varphi \geqslant 0$

is guaranteed.
Definition: The coefficient $c(x)$ is called critical for T or T be critical
for $c(x)$ if for these c and T the uniqueness theorem 21,II of (Ref.1) is
not valid. Critical values $c(x)$ are denoted with $\lambda = \Lambda(x)$ and the domains T
are denoted by $T(c)$.

Card 1/3

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Chaplygin's Theorem for Elliptic Functions

$\lambda_1$ is called the first critical value if there exists no $\lambda$ for which $\lambda \leqslant \lambda_1$, $\lambda \neq \lambda_1$ in T. Analogously let $T_1(c)$ be defined

Theorem 1: If $c < \lambda_1$, then the Green's function of the <u>Dirichlet problem</u> in T: $F \geqslant 0$ is positive.

Theorem 2: For $c < \lambda_1$ it holds the theorem of Chaplygin: If $f \geqslant 0$, $\varphi \geqslant 0$, then the solution of (1)-(2) in T is positive: $u \geqslant 0$.

Let F and $F_1$ be Green's functions corresponding to c and $c_1$, where $c_1 \leqslant c$ and $F \geqslant 0$. Then one sees that $F_1 \geqslant 0$; $\mathfrak{M}_x(F-F_1) = -(c-c_1)F_1$; $F-F_1 = 0$ for $x \in \mathcal{T}T$, $y \in T-\mathcal{T}T$.

Theorem 3: The Green's function is a monotonely increasing function of the coefficient c if c - changing - remains smaller than the critical value $\lambda_1$.

Theorem 4: If $c_1 \leqslant c < \lambda_1$, then $u_1 \leqslant u$, where u, $u_1$ are solutions of (1)-(2) corresponding to the coefficients c, $c_1$.

Card 2/3

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S/020/60/134/005/027/035XX
C111/C222

Chaplygin's Theorem for Elliptic Functions

Theorem 5: The Green's function is a monotonely increasing function of the domain T if T - changing - remains subcritical.
Theorem 6: Let u and $u_1$ be solutions of the Dirichlet problem for the domains T and $T_1$; $u\big|_{\sigma T} = 0$, $u_1\big|_{\sigma T_1} = 0$; let the domain T be subcritical.

Then $u \geqslant u_1$ in $T_1$.

There are 3 references: 2 Soviet and 1 American.

[Abstracter's note: (Ref.1) concerns C.Miranda, Partial Elliptic Differential Equations, 1957]

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina (Kazan' State University imeni V.I.Ul'yanov-Lenin)

PRESENTED: April 23, 1960, by S.L.Sobolev, Academician.

SUBMITTED: April 7, 1960

Card 3/3

TETEREV, A.G.

Positive solutions to integral equations. Izv.vys.ucheb.zav.;
mat. no.5:69-77 '61.
(MIRA 14:10)

1. Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina.
(Integral equations)

AUTHOR:      Teterev, A. G.

TITLE:       The extremal properties of solutions of elliptic equations

PERIODICAL:  Akademiya nauk SSSR. Doklady, v. 147, no. 3, 1962, 559 - 561

TEXT: The results of a previous paper (DAN, 134, no. 5 (1960)) are used
as a basis for this investigation into the properties of the solutions to
the elliptic equation

$$\mathfrak{M}u = \sum_{l,\,k=1}^{m} a_{lk} \cdot \frac{\partial^2 u}{\partial x_l \partial x_k} + \sum b_l \frac{\partial u}{\partial x_l} + cu = -f. \quad (1)$$

in the open region C for cases in which no assumptions are made as to the
definiteness of $c(x)$ and $f(x)$. The following two theorems are demonstrated
and discussed: (1) Let $r(d) \geqslant 0$  $(r(d) \leqslant 0)$ be valid in the region C for any
$d \in [a,b]$. In this case, a regular solution of the equation (1) in the
interval $(a,b]$ $([a,b))$ has no relative minimum (maximum). (2) To fulfill
the condition $c \leqslant \lambda_1$ it is necessary and sufficient that there should exist
a function v which in the region C fulfills the condition $v \geqslant 0, \mathfrak{M}v \leqslant 0$.
Card 1/2

The extremal properties of...

$c < \lambda_1$ if $\mathfrak{M}v \neq 0$. The theorem (2) and the comparative theorem from the previous paper (cf. above) make it possible to estimate the first critical value from below and thus to demonstrate the usefulness of Chaplygin's theorem. The symbols are defined in the previous paper.

ASSOCIATION:   Kazanskiy gosudarstvennyy universitet im. V. I. Ul'yanova-Lenina (Kazan' State University imeni V. I. Ul'yanov-Lenin)

PRESENTED:   June 13, 1962, by S. L. Sobolev, Academician

SUBMITTED:   June 8, 1962

Card 2/2

TETEREV, A.G.

Extremum properties of solutions to elliptic equations. Dokl.
AN SSSR 147 no.3:559-561 N '62.                    (MIRA 15:12)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-
Lenina. Predstavleno akademikom S.L. Sobolevym.
                    (Differential equations)

L 12903-66    EWT(d)/T    IJP(c)

ACC NR: AR5023489                              SOURCE CODE: UR/0372/65/000/007/V029/V029

SOURCE: Ref. zh. Kibernetika, Abs. 7V170

AUTHOR: Teterev, A. G.

TITLE: The method of a reference plane in nonlinear programming

CITED SOURCE: Sb. Itog. Nauchn. konferentsiya Kazansk. un-ta za 1963 g. Sekts. matem., kibernet. i teoriya veroyatn., mekhan. Kazan', 1964, 50-52

TOPIC TAGS: set theory, nonlinear programming, convex set, convex programming, operations research

TRANSLATION: The maximum $(x/l(x)<0; g(x)<0)$ for the constant vector $c = (c_1,\ldots,c_n)$, the continuous piece-wise linear function $l(x)$ from $x = (\xi_1,\ldots,\xi_n) \in R_n$ and the continuous derivative $g'(x) = \left(\frac{\partial g}{\partial \xi_1},\ldots,\frac{\partial g}{\partial \xi_n}\right)$, defined in space $R_n$ or on the set A and convex on one of the sets $A = \{x/l(x)<0\}$, $B = \{x/l(x)<0; g(x)>0\}$, $C = \{x/l(x)<0; x \in E'\}$. Here E' is a connected and convex set bounded by the external boundary of the set $E = \{x/l(x)<0; g(x)<0\}$. The problem under study is a special case of the general convex programming problem. A solution method is proposed. It is based upon the selection of reference planes of the convex surface $z = g(x)$ at the points $(x_i, g(x_i) \in R_{n+1}; x_i \in E')$: $z = g(x_i) + a(x_i)(x - x_i)$ and upon the substitution of the constraint $g(x) \leq 0$ on

Card 1/2                                        UDC: 512.25/.26+519.3:330.115

L 12903-66
ACC NR: AR5023489

$g(x_1) + a(x_1)(x - x_1) \leq 0$. A means of constructing the reference plane and of determining the initial and $(k + 1)$-st approximations is described. Conditions of convergence are studied. V. M.

SUB CODE: 09/12

Card 2/2

TITEREV, A.G. (g. Kazan')

Positive reversibility of matrices and the method of acetone approximation. Izv. vys. ucheb. zav.; mat. no.3:143-150 '61.

(MIRA 17:12)

TETEREV, B.K.

Speed up the preparation of repair shops for the new types of locomotives. Elek. i tepl.tiaga 3 no.1:15-19 Ja '59.
(MIRA 12:2)

1. Glavnyy inzh. Glavnogo upravleniya po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastey.
(Railroads--Repair shops)

PARAMONOV, A.A.; TETEREV, B.K.

Strengthening the production base for repair of locomotives and cars. Zhel.dor.transp. 39 no.11:51-57 N '57.            (MIRA 10:10)

1.Nachal'nik Glavnogo upravleniya po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastey (for Paramonov). 2. Glavnyy inzh. Glavnogo upravleniya po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastey (for Teterev)
(Locomotives--Maintenance and repair)
(Railroads--Cars--Maintenance and repair)

*TETEREV, B. K.*

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; KOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYA- SHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V, retsen- zent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORO- NOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsen- zent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsen- zent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHO- MIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A, redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBE- DIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued)  Card 2.
        MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S.,
        redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;
        CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,
        redaktor

        [Railroad handbook]  Spravochnaia knizhka zheleznodorozhnika. Izd.
        3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos.
        transp.zhel-dor. izd-vo, 1956. 1103 p.                (MLRA 9:10)

        1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.
            (Railroads)

TETEREV, B.K.

Specialization and cooperation are the main conditions for the increase of labor productivity. Zhel. dor. transp. 46 no.4: 34-38 Ap '64.
(MIRA 17:6)

1. Glavnyy inzh. Glavnogo upravleniya po remonty podvozhnogo sostava Ministerstva putey soobshcheniya.

TETEREV,B.K.; KHITROV, P.A., tekhnicheskiy redaktor

[Regulations governing major repair of locomotives] Pravila
kapital'nogo remonta parovozov. Moskva, Gos. transp.zhel-dor.
izd-vo, 1957. 438 p.                                    (MLRA 10:7)

1. Russia (1923-     U.S.S.R.) Ministerstvo putey soobshcheniya.
        (Locomotives--Repairs)

TETEREV, B.K., inzhener.

Organization of rolling stock repair in shops of the German Democratic Republic. Zhel.dor.transp. 37 no.10:81-85  O '55.
(MIRA 9:1)

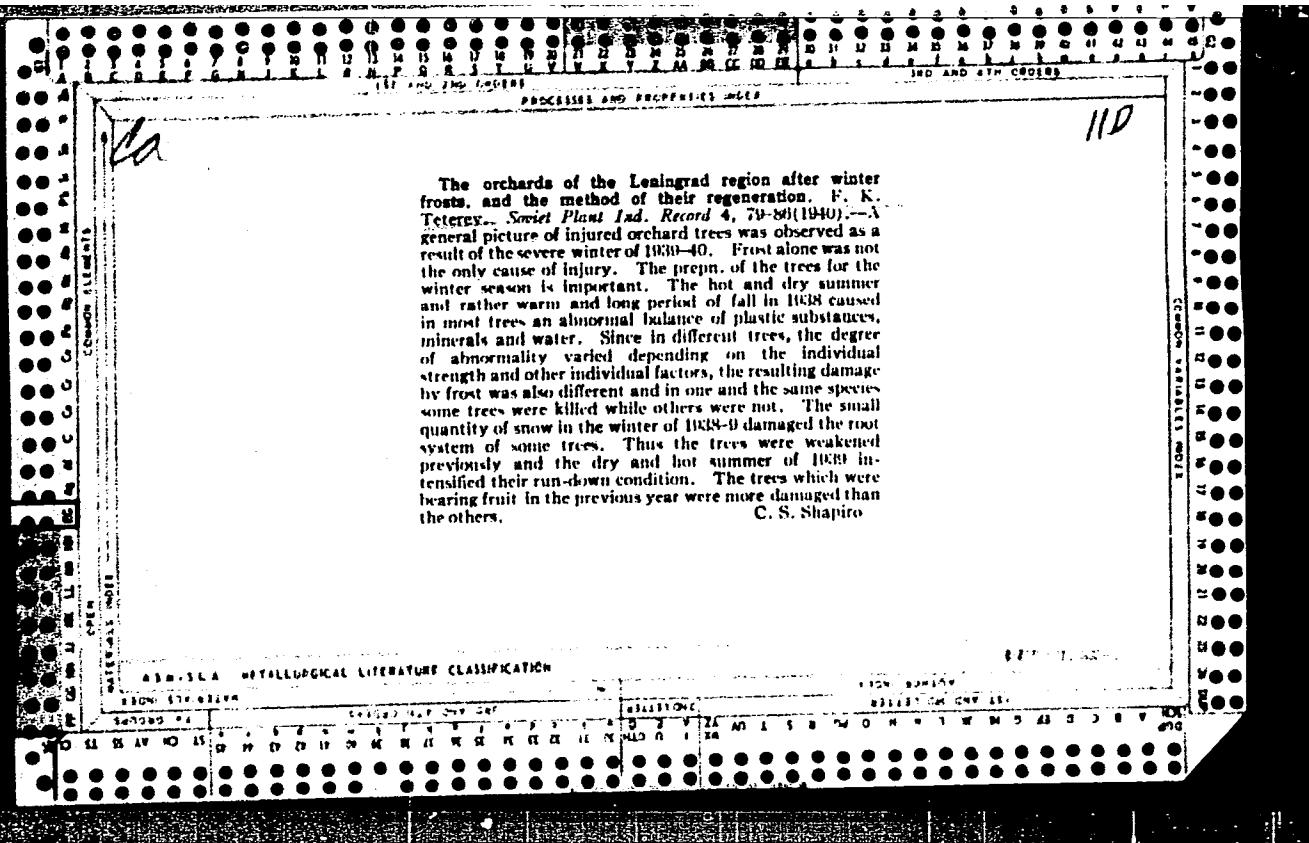(Germany, East--Railroads--Rolling stock)

TETEREV, B.K.

Improvement of the technology, increase in the quality, and decrease in the repair expenditures on locomotives is a problem of great importance. Elek. i tepl. tiaga 5 no.6:25-26 Je '61.
(MIRA 14:10)

1. Glavnyy inzh. Glavnogo upravleniya po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastey Ministerstva putey soobshcheniya.
(Locomotives--Repairs)

The orchards of the Leningrad region after winter frosts, and the method of their regeneration. F. K. Teterev. *Soviet Plant Ind. Record* 4, 79-80(1940).—A general picture of injured orchard trees was observed as a result of the severe winter of 1939-40. Frost alone was not the only cause of injury. The prepn. of the trees for the winter season is important. The hot and dry summer and rather warm and long period of fall in 1938 caused in most trees an abnormal balance of plastic substances, minerals and water. Since in different trees, the degree of abnormality varied depending on the individual strength and other individual factors, the resulting damage by frost was also different and in one and the same species some trees were killed while others were not. The small quantity of snow in the winter of 1938-9 damaged the root system of some trees. Thus the trees were weakened previously and the dry and hot summer of 1939 intensified their run-down condition. The trees which were bearing fruit in the previous year were more damaged than the others.                                    C. S. Shapiro

TETEREV, Filipp Kuz'mich.

Hd., Fruit & Berry Dept., All-Union Inst. Botany, -1949-c50-.
"Is the Kraca Severa Cherry Fruitful?" Agrobiol, 4, 1949.  Stalin 3rd Prize, 1.4., cherries
and crop advancement, Leningrad Oblast.

TETEREV, F. K.

20909  Teterev, F. K.  Raboty Vsescyuznogo instituta rasteniye vodstva po plodovcyalodnym kul'turam.  Sad i ogorod, 1949, No. 6, s. 13-22

SO:  LETCPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

TETEREV, F.K.

Apple

"Developing new resistant varieties of apples." P. I. Lavrik. Reviewed by F.K. Teterev. Sad i og., No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress October 1952 Unclassified.

TETEREV, F.K.

Northern sweet cherry. Izv. AN. SSSR. Ser. biol. no.1:29-46 Ja-F '56
(MLRA 9:5)

1.Vsesoyuznyy institut rasteniyevodstva, Leningrad.
    (CHERRY)

TETEREV, F.K.

TETEREV, F.K. (Leningrad).

Outstanding horticulturist and biologist. Agrobiologiia no.1:137-147 Ja-F '57.

(MIRA 10:4)

(Pashkevich, Vasilii Vasil'evich, 1856-1939)

USSR/CultivateddPlants - Fruits. Berries.                          M-6

Abs Jour   :  Ref Zhur - Biol., No 20, 1958, 91839

Author     :  Teterev, F.K.

Inst       :  All-Union Plant Cultivation Institute.

Title      :  Morthernizing the Peach by the Mentor-Plant Method.

Orig Pub   :  Agrobiologiya, 1957, No 3, 72-78.

Abstract   :  Work is being carried on at the experimental base of the
              All-Union Plant Cultivation Institute near Leningrad on
              the northernization of the peach. Themmethod of mass
              seeding of stones did not produce positive results. The
              peaches entered the winter season while green and perished.
              The dwarf almond and the peach were crossed. The peach
              pollen was obtained from the plants of different zones.
              The pollen from peaches grown in hothouses gave a low per-
              centage of pollination. Stones obtained in early spring
              were artificially germinated. The majority of the

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USSR/Cultivated Plants - Fruits. Berries.                    M-6

Abs Jour   :  Ref Zhur - Biol., No 20, 1958, 91839

seedlings raised developed weakly but attentive care and
grafting on various wild mentor-plants helped to save part
of the plants.  The best mentors proved to be the Kitays-
kaya Voylochnaya (Chinese Felt) cherry and the peach seed-
lings of the Pushistyy Rannyy of variety.  For this purpose
large fruit, vigorously growing types of the Kitayskaya
Voylochnaya cherry are selected or its hybrids with va-
rious stone fruits (plum, dwarf almond, sloe, Chinese
Plum) are obtained.  For the work of northernizing the
peach, stones of the early maturing varieties should not
be used but rather stones of the average early varieties,
varieties selected by the Kiev Botanical Garden, Ukraine
Institute of Fruit Cultivation , the Riga peach and also
varieties of Chinese peaches.  -- Ye.V. Kolesnikov.

Card 2/2

TETEREV, F.K.

Some results of fruit breeding in the U.S.S.R. Agrobiologiia no.6:
61-67 N-D '57.                                                    (MIRA 10:12)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
                         (Fruit culture)

Country       :  USSR                                      N-8
CATEGORY      :

ABS. JOUR.    :  RZBiol., No. 19, 1958, No. 87236

AUTHOR        :  Teterev, F. K.
INST.         :  All-Union Academy of Agricultural Sciences ✱
TITLE         :  Plagiospermum Oliver

ORIG. PUB.    :  Dokl. VASKhNIL, 1957, No 12, 16-19

ABSTRACT      :  Report of the work of the All Union Institute
of Plant Breeding on the study of Plagiospermum Oliver.
Morphological descriptions, data on chemical composition,
cytological investigations, pests, methods of propagation
of P. chinensis. Bibliography 13 references.


CARD: 1/1  ✱ Imeni Lenin.

TETEREV? F. K., Doc of Bio Sci  -- (diss)  " The Cherry Tree and the

Biological Principles of its Assimilation to Northern Territory,"

Moscow, 1959, 32 pp  (Institute of Genetics, Acad Sci USSR)

(KL 4-60, 116)

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867-873  N-D  '59.                              (MIRA 13:4)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
                    (Plum)

TETEREV, F.K.; MEL'NIKOVA, K.D.

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TETEREV, F.K.

Urozhainyi, a new gooseberry variety. Agrobiologiia  no.4:
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381 p.                                        (MIRA 17:11)

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posits of Turgay. Vest. AN Kazakh. SR 20 no.12:25-34  D '64
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ZUBKOV, I.I., kand. tekhn. nauk; ROMANOV, A.P., kand. tekhn. nauk;
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Ja '59.
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of smooth distortions. Elektrosviaz' 19 no.4:78-80  Ap '65.
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harmonic signal and its frequency characteristic in the presence of
amplitude threshold limitation. Elektrosviaz' 19 no.7:78-29 Jl '65.
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ACCESS

with F. Teterev

SOURCE: Elektrosvyaz,

Con  2/2

TETEREVA, N.G.

Semiautomatic device for lacquering high boots of the 350-X and
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1. Zavod "Krasnyy treugol'nik".
     (Leningrad—Boots and shoes, Rubber)

TETEREVKOV, A. I., Cand Tech Sci -- (diss) "Research into the chlorin-
ation process of a suspension of magnesium oxide in molten carnallite."
Sverdlovsk, 1960. 15 pp; (Ministry of Higher and Secondary Specialist
Education RSFSR, Ural'skiy Polytechnic Inst im S. M. Kirov); 150 cop-
ies; price not given; (KL, 23-60, 125)

S/137/62/000/005/042/150
A006/A101

AUTHORS:       Teterevkov, A. I., Vil'nyanskiy, Ya. Ye.

TITLE:         Preparation of chromium chloride by ferrochrome chlorination with hydrogen chloride

PERIODICAL:    Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 25, abstract 5G157 ("Metallurg. i khim. prom-st' Kazakhstana. Nauchno-tekhn. sb.", 1961, no. 5(15), 58 - 65)

TEXT:        The authors studied interaction of HCl with Fe-Cr at 600 - 1,000°C. Chlorination of Fe-Cr was conducted in boats and vertical retorts. It was established that the interaction rate of HCl with Fe-Cr increases with temperature, and Cr and Fe dichlorides are formed as a result of reactions. With a higher rate of HCl supply at 1,000°C, the process rate rises and HCl utilization decreases. Molten $CrCl_2$ with $\leq 1\%$ $FeCl_2$ can be obtained by the action of HCl upon Fe-Cr at 950 - 1,000°C. The process can be conducted in a shaft-furnace-type apparatus with counterflow of gas and Fe-Cr. An increase in the Fe-Cr surface raises the HCl utilization and the chlorination rate.      G. Svodtseva

[Abstracter's note: Complete translation]
Card 1/1

TETEREVKOV, A.I.; VIL'NYANSKIY, Ya.Ye.

Mass transfer rate in the chlorination of a magnesium oxide suspension in molten chlorides.  Izv.vys.ucheb.zav.;khim.i khim.tekh. 6  no.5:874-878  '63.
(MIRA 16:12)

1. Ural'skiy politekhnicheskiy institut imeni Kirova, kafedra tekhnologii neorganicheskikh veshchestv.

AUTHORS:     Teterevkov, A.I., Vil'nyanskiy, Ya.Ye.     SOV/80-32-2-38/56

TITLE:       On the Role of Mass Exchange Between Gas and Liquid in the Pro-
             cess of the Chlorination of a Magnesium Oxide Suspension in
             Molten Chloride (O roli massoobmena mezhdu gazom i zhidkost'-
             yu процессе khlorirovaniya suspenzii okisi magniya v khlo-
             ridnom rasplave)

PERIODICAL:  Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2,
             pp 438-440 (USSR)

ABSTRACT:    Metal chlorides may be produced by the chlorination of the
             metal oxides. The chlorination of oxides suspended in molten
             salt in a bubbling plate apparatus is investigated here. Coke
             was used as a reducer. Chlorination rate increases with the
             chlorine concentration. The chlorine consumption increases
             with the lowering of the chlorine concentration in the gaseous
             phase. The number of plates has a positive influence on the
             chlorination rate. There is a two-sided mass-exchange: the
             absorption of chlorine and the desorption of carbon oxides.
             The increase of the gas speed increases the rate of chlorin-
             ation.
             There are 2 tables, 2 graphs, and 3 references, 2 of which
Card 1/2     are Soviet, and 1 English.

SOV/80-32-2-38/56

On the Role of Mass Exchange Between Gas and Liquid in the Process of the Chlorination of a Magnesium Oxide Suspension in Molten Chloride

ASSOCIATION:    Ural'skiy politekhnicheskiy institut imeni S.M. Kirova (Ural Polytechnic Institute imeni S.M. Kirov)

SUBMITTED:    September 23, 1957

Card 2/2

TETERNIVNIKOV, N. N.

The heating and ventilation of plants in the metallurgical and metal industries
2. perer. izd. Moskva, Gos. izd-vo stroit. lit-ry, 1950.   330 p.  (51-27072)

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Otopleniye i ventilyatsiya zavodov chernoy metallurgii i metalloobrabatyvayushchey promyshlennosti. 2d Ed.
        Moscow, 1950.
        33p. -? 331p.?

A textbook and reference manual for engineers, and others, dealing with heating and ventilation installations in ferrous metallurgy and metal processing industry; published as a Government Edition of Construction Literature.

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   Promishlennosti ( Firing (Heating) and Ventilation in Ferrous Metal Mills and
   Metal Processing Industry), Moscow-Leningrad, 1950.

UCHASTKIN, Petr Vasil'yevich. Prinimali uchastiye: MATELENOK, D.A.,
    nauchnyy sotrudnik; KRAVTSOVA, A.S., nauchnyy sotrudnik;
    TRYAPKIN, M.P., nauchnyy sotrudnik. TETEREVNIKOV, V.N., kand.
    tekhn.nauk, spetsred.; DENISOVA, I.S., red.; RAKOV, S.I.,
    tekhn.red.

[Air conditioning units for hot working shops] Ustanovki
iskusstvennogo klimata v goriachikh tsekhakh. Izd-vo VTsSPS
Profizdat, 1958.   270 p.                          (MIRA 12:5)
        (Metallurgical plants--Air conditioning)

UCHASTKIN, Petr Vasil'yevich, kand. tekhn. nauk; TETEREVNIKOV,
Vladimir Nikolayevich; MATELENOK, Dmitriy Antonovich;
Prinimal uchastiye FLEYSHMAN, P.L.; KOUZOV, P.A., nauchn.
red.; DENISOVA, I.S., red.

[Air conditioning of industrial buildings] Konditsionirova-
nie vozdukha v promyshlennykh zdaniiakh.  Moskva, Profizdat,
1963.  422 p.                                        (MIRA 17:5)

1. Rukovoditel' laboratorii konditsionirovaniya vozdukha
Vsesoyuznogo nauchno-issledovatel'skogo instituta okhrany
truda, Leningrad (for Uchastkin).

LYAKIN, V.F.; TETEREVENKOV, V.V., starshiy nauchnyy sotrudnik

Efficiency of advancing the stope with various orders of working
steep seams. Ugol' Ukr. 7 no.6:11-13 Je '63.          (MIRA 16:8)

1. Upravlyayushchiy Trestom predpriyatiy ugol'noy promyshlennosti
Gorlovskogo rayona (for Lyakin). 2. Vsesoyuznyy nauchno-issledova-
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