

VOLF, Vl.

International course on biological effects of radiation in Rehovot,
Israel. Jaderna energie 9 no.3:100-101 Mr '63.

VOLF, Vladimir, MUDr.

Possibilities of influencing of metabolism of radioactive substances.
Pracovni lek. 8 no.5:351-365 Oct 56.

1. Z Ustavu hygieny prace a chorob z povolani v Praze, reditel
prof. Dr. J. Teisinger.

(ISOTOPES, metabolism,
regulation (Cz))

* YUR'YEV, V. Ya., ~~otv. red.~~ [deceased]; STRONA, I.G., kand. sel'khoz. nauk, zam. otv. red.; VOL'F, V.G., red.; POLYAKOV, I.M., red.; LAPTSEVICH, G.P., red.; KIREYEV, F.N., red.; POKID'KO, A.I., red.; POTOTSKAYA, L.A., tekhn. red.

[Scientific problems in seed production, the study and the inspection of seeds] Nauchnye voprosy semenovodstva, semenovedeniya i kontrol'no-semennogo dela; sbornik materialov. Kiev, Izd-vo Ukr. akad. sel'khoz. nauk, 1962. 203 p. (MIRA 16:5)

1. Soveshchaniye po organizatsii nauchno-issledovatel'skoy raboty v oblasti semenovodstva, semenovedeniya i kontrol'no-semennogo dela. Kharkov, 1961. 2. Ukrainskiy nauchno-issledovatel'skiy institut rasteniyevodstva, selektsii i genetiki (for Strona). (Seed industry)

VOL'F, V.M., inzhener; GLEBOVICH, G.V., kandidat tekhnicheskikh nauk.

Problem of measuring non-linear distortions by the method of reciprocal modulation. Vest.sviazi 14 no.4:14-16 Ap '54. (MLRA 7:6)

1. Prepodavatel' Kiyevskogo instituta kinoinzhenerov (for Vol'f).
2. Zaveduyushchiy kafedroy radiotekhniki Gor'kovskogo politekhnicheskogo instituta im. A.A.Zhdanova. (Sound--Measurement)

V M

USSR .

621.372.5.029.3.018.78 1288
An Investigation of the Nonlinear Distortion
of a Quadrupole using a Continuous Spectrum
Signal. *Radio Engng. Electron. Phys.* Nov 1954
Vol. 24, No. 11, pp. 2225-2230.
nonlinear distortion introduced by an a.f. transmission
system, it is necessary to use a continuous spectrum of
frequencies with a given shape of the envelope. Relations
are derived from which it is possible to calculate the
spectra of the signals in nonlinear systems for
arbitrary input signals. The spectra of the signals
in the output of a nonlinear system are calculated.

3

VOL'F, V. M.

"Problem of Nonlinear Transformations of Oscillations of Complex Form"

Kiev Polytechnic Institute

A report delivered at a conference on Electro-Acoustics held by the Acoustic Commission, the Acoustic Institute of the Academy of Sciences, USSR, and the Kiev Order of Lenin Polytechnic Inst., from 1-5 July 1955 in Kiev.

SO: Sum 728, 28 Nov 1955

VOL'F, V. M.

334.01 2012
✓ Intensity of Harmonic and Combination Components in the Nonlinear Distortions of Complex Oscillations. — V. M. Vol'f. (Russ. Zb., Oct.-Dec. 1955, Vol. 1, No. 4, pp. 321-325.) The effect of linear, quadratic and cubic response characteristics on triangular, saw-tooth and rectangular signals is considered; results are tabulated.

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VOL'F, V.M.

Comparison of sensitivity in the harmonic and reciprocal modulation methods of measuring nonlinear distortions.

Trudy Kon. po akust. 8:70-75 '55. (MIRA 8:8)

1. Kiyevskiy institut kinoizhenerov.
(Acoustics--Measurement)

3074. NON-LINEAR TRANSFORMATION OF SIGNAL
 COMPLEX FORM. V.M. Volt.
 Radiotekhnika, Vol. 19, No. 10, p. 1855, 1955. In Russ.
 A system like that due to Shorter (Advt. 2361/18) is
 used for measuring the distorting properties of non-linear
 quadrupoles. A complex wave source is connected either
 through a band-stop filter or direct to the circuit under
 test. The output from this circuit goes through a narrow band
 filter to an indicator. In this way energy transferred from one
 part of the spectrum to another by distortion can be measured.
 Five different waveforms are used including positive and
 negative polarity, sawtooth, triangles, etc. Coefficients of dis-
 tortion are defined in terms of the order of distortion and the
 limit of input waveform and are tabulated. Among the conclusions
 reached are: for the same input a system with cubic dis-

FD-2228

USSR/Electronics Vol'f, V.M.

Card 1/1 Pub 90-8/12

Author : *Vol'f, V. M.

Title : Appraisal of the quality of audio-frequency transmitting devices

Periodical : Radiotekhnika, 10, 59-62, Mar 1955

Abstract : The effect of power supply voltage pulsation upon the level of noise generated in a push-pull amplifier circuit, is discussed in this article. Under certain conditions of power supply pulsations it is possible to raise the non-linear distortions, without affecting the noise level. To lower the overall level of the self-generated noises in a push-pull amplifier circuit, the arms of the network are made symmetrical, though the noise level in each arm individually might be high. 3 USSR references. Tables; graphs.

Institution: *Active member of the All-Union Scientific and Technical Society of Radio Engineering and Electric Communications imeni A. S. Popov, Moscow

Submitted : 12 Jul 1954

VOLF, V. M.
AID P - 4238

Subject : USSR/Radio Engineering
Card 1/2 Pub. 90 - 4/8
Author : Vol'f, V. M.
Title : Pulse measurement of nonlinear quantities
Periodical : Radiotekhnika, v. 11, no. 1, 32-41, Ja 1956
Abstract : The author discusses a method of measuring nonlinear distortions by applying a periodic series of pulses (pips). He examines certain characteristics of the method and formulates requirements to which basic elements of the measuring apparatus should conform. The author studies the influence of the band-elimination filter on the evaluation of nonlinearity in a quadratic and a cubic system. He selects the proper measuring-signal characteristics, the frequency range and the filter band-width which permit obtaining best measuring results and assuring the optimum selectivity of the filters. All data obtained by analytical methods were confirmed experimentally. Two diagrams, 2 Soviet references (1949, 1955).

AID P - 4238

' Radiotekhnika, v. 11, no. 1, 32-41, Ja 1956

Card 2/2 Pub. 90 - 4/8

Institution : None

Submitted : J1 16, 1955

VOLF, V. M.
BRESKONOVAYINI, B. M., VOLF, V. M., GORBENKO, V. S., KARNOVSKIY, N. I., SHUTSKIY, E. I.
and YURIEV, A. A.

M "Wave Analysers and Spectrometers with Variable-Tuning Filters with Ferrite
Cores."

paper presented at the 4th All-Union Conf. on Acoustics, Moscow, 26 May - 2 Jun 58.

83154

S/108/60/015/009/006/003
B002/B067

9.2550

AUTHORS: Beskorovaynyy, B. M., Vol'f, V. M., Gorbenko, V. S.,
Karnovskiy, M. I., Shotskiy, B. I., Yur'yev, A. A.,
Members of the Society

TITLE: Ferrite Filters^{of} With Variable Adjustment

PERIODICAL: Radiotekhnika, 1960, Vol. 15, No. 9, pp. 57-63

TEXT: In 1958, analyzers and spectrometers for frequencies of the sound-wave range were developed at the kafedra akustiki i zvukotekhniki Kiyevskogo politekhnicheskogo instituta (Chair of Acoustics and Sound Engineering of the Kiyev Polytechnic Institute) in which ferrite filters with variable adjustment are used. Besides, also ferrite filters with variable adjustment were developed, which operate in the range of up to 120 kc/s. In the present paper, the following is discussed: Selection of material and shape of the core; working conditions of the *magnitoprovod; nonlinearity of the characteristics of ferrite cores and selection of the input signal; temperature compensation; transients in ferrite filters. The analyzer developed at the aforementioned institute has the following

* magnetic circuit

Card 1/2

83154

Ferrite Filters With Variable Adjustment

7/108/60/015/009/006/008
B002/B067

data: frequency range 40 c to 15 kc/s divided into five sub-ranges:
40 - 150 c, 120 - 450 c, 400 - 1500 c, 1200 - 4500 c and 4000 - 15000 c.
The ferrite filter with variable adjustment consists of two Γ -shaped
members mounted to Φ -2000 (F-2000) ferrite cores of the type OUL-20
(OSH-20) for the first two frequency ranges and of the type OUL-12 (OSH-12)
for the remaining frequency ranges. The relative band-width of the
ferrite filter with variable adjustment is $10 \pm (1.5 - 2) \%$. Thus, on a
detuning by half an octave 45 decibels and on a detuning by one octave
more than 60 decibels are attenuated. The frequency characteristics of
the apparatus are presented in Fig. 12. There are 12 figures and 5
Soviet references.

SUBMITTED: December 30, 1959

X

Card 2/2

VOL'F, V.M.; GATKIN, N.G.; GERANIN, V.A.; KARNOVSKIY, M.I.

Interference rejection of a receiving channel "band filter -
detector - lower frequencies filter - threshold device."

Izv.vys.ucheb.zav.; radiotekh. 8 no.4:404-410 J1-Ag '65.

(MIRA 18:11)

1. Submitted May 7, 1964.

VOL'F, V.M.

Regenerated stage with high stability. Radiotekhnika 20 no.3:16-20
Mr '65. (MIRA 18:6)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva
radiotekhniki i elektrosvyazi imeni Popova.

SAVINKOVA, Ye.I.; VOL'F, Ye.F.

Effect of the concentration of ferric sulfate on the separation
of silicon dioxide from pickling solution. Trudy Ural. politekh.
inst. no.94:103-105 '60. (MIRA 15:6)
(Metals--Pickling) (Silica)

LITVINOVA, R.I.; VOL'F, Ye.M.; TIKHONOV, Yu.A.

Developmental anomaly of vessels in the lower extremities.

Vest. rent. i rad. 40 no.6:52-54 N-D '65. (MIRA 19:1)

1. Detskaya gorodskaya klinicheskaya bol'nitsa No.2 imeni
I.V. Rusakova i kafedra detskoy khirurgii (zav. - prof.
S.Ya. Doletskiy) Tsentral'nogo instituta usovershenstvovaniya
vrachey, Moskva.

VOL'F, Yu.; TSELLNER, V.

Integral equations for KN-scattering. Zhur. eksp. i teor. fiz.
40 no.1:163-169 Ja '61. (MIRA 14:6)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Integral equations) (scattering (Physics))

VOL'F, Yu.; DOMOKOSH, G.

Reaction $\pi^- + p \rightarrow \Lambda^0 + K^0$. Zhur. eksp. i teor. fiz. 42 no. 3: 871-874, Mr '62. (MIRA 15:4)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Nuclear reactions)

SHDMKOVITS, I.; SHISHKA, K.; GUPKA, M.; VOL'F, Yu.; SMERCHANSKIY, V.;
SHNORRER, M.

Functional parameters of an apparatus made in Czechoslovakia
for artificial blood circulation. Eksp.khir.i anest. 6
no.3:13-20 '61. (MIRA 14:10)
(PERFUSION PUMP (HEART))

VOL'F, Yu.; TSELLNER, V.

τ -Decay and $\pi\pi$ -interaction. Zhur. eksp. i teor. fiz. 41
no. 3:835-841 S '61. (MIRA 14:10)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Mesons--Decay) (Mesons--Scattering)

S/056/62/042/003/036/049
B102/3158

AUTHORS: Vol'f, Yu., Domokosh, G.

TITLE: The reaction $\pi^- + p \rightarrow \Lambda^0 + K^0$ PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42,
no. 3, 1962, 871 - 874TEXT: The differential cross section of the reaction $\pi^- + p \rightarrow \Lambda^0 + K^0$ is calculated, when the exchange of K'"particles", as well as the radiation correction to the Green function

$$\Delta_1^c(q^2) = O_{\mu\nu} / [M^2 - q^2 + \Pi(q^2)], \quad (1)$$

and the vertices are taken into account. $O_{\mu\nu} = 1$ if the K' spin is zero, $O_{\mu\nu} = g_{\mu\nu} - q_\mu q_\nu / M^2$ if it is 1. With

$$\sigma_{s,v}(t) = - \frac{g_{s,v}^2}{4} (2\pi)^4 \frac{K(t)}{t} |\Gamma_{s,v}|^2 Q_{s,v}(t), \quad (3)$$

$$K(t) = \sqrt{(t + \Delta)^2 - 4m^2 t}, \quad \Delta = (m^2 - 1).$$

Card 1/3



The reaction $\pi^- + p \rightarrow \Lambda^0 + K^0$

S/056/62/042/003/036/049
B102/B138

$Q_S = 1$ if the K^0 spin is 0 and $q_V = [t - 2(m^2 + 1)]$ if it is 1,

$$\left(\frac{ds}{d\Omega}\right)_S = \frac{G_S^2}{16(2\pi)^4} \frac{|p'| \gamma}{W |p| k_0 K(M^2)} [(M_\Lambda + \epsilon M_N)^2 - q^2] \frac{|F(q^2)|^2 |\Delta_{1S}^c|^2}{(M^2 - q^2)^3},$$

$$\frac{1}{\Delta_{1S}^c} = M^2 - q^2 + \frac{\pi(2\pi)^4 \gamma^2}{4M^2 K(M^2)} \left\{ \frac{M^2 - m^2 - 1}{M^2 K(M^2)} + \frac{K(M^2)}{M^4} - \frac{K(M^2)}{M^2(M^2 - q^2)} \right\}; \tag{8a}$$

$$\left(\frac{ds}{d\Omega}\right)_V = \frac{G_V^2}{32(2\pi)^4} \frac{|p'| \gamma K(M^2)}{W |p| k_0 M^4} [(M_\Lambda + \epsilon M_N)^2 - q^2] (-q^2) |F(q^2)|^2 |\Delta_{1V}^c|^2,$$

$$\frac{1}{\Delta_{1V}^c} = M^2 - q^2 + \frac{\pi(2\pi)^4 \gamma^2 K(M^2)}{64 M^2 V_0^2} \left\{ \frac{2(m^2 + 1) - M^2}{M^2} \left(\frac{M^2 - m^2 - 1}{K(M^2)} - \frac{K(M^2)}{M^2} \right) - \frac{K(M^2)}{M^2} \left(\frac{q^2 - 2(m^2 + 1)}{q^2 - M^2} \right) \right\}. \tag{8b}$$

is obtained. The subscripts S and V refer to scalar and vectorial cases respectively.

$$g_S^2 = \gamma / K(M^2) \tag{7a}$$

$$g_V^2 = \frac{1}{4} \gamma K(M^2) \tag{7b}$$

Card 2/3

V

The reaction $\pi^- + p \rightarrow \Lambda^0 + K^0$


S/056/62/042/003/036/049
B102/B138

$W = p_0 + k_0$, the total energy in the c.m.s., $\varepsilon = P_{\Lambda p} P_{K'}$, $P_{\Lambda p}$ - relative parity of Λ , p , $P_{K'}$ = 1 if K' is a scalar (0^+) or a pseudovector (1^+), $P_{K'}$ = -1, if K' is a pseudoscalar (0^-) or a vector (1^-). $F(q^2)$ is the form factor of the vertex $p\Lambda K'$, $\langle r^2 \rangle \approx (m+1)^{-2}$. The results make it probable that K' has spin one. There are 2 figures and 4 references: 1 Soviet and 3 non-Soviet. The three references to English-language publications read as follows: M. Alston et al. Phys. Rev. Lett., 5, 520, 1960; Chia Hwa Chan. Phys. Rev. Lett. 6, 383, 1961; A. Mirza et al. Phys. Rev. Lett. 6, 145, 1961; M. Gell-Mann, F. Zachariasen, Preprint Cal. Tech. 1961.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: October 10, 1961

Card 3/3



VOL'F, Yu.[Wqlf, J.]; SARANTSEVA, V.R., tekhn. red.

[Calculating the trajectory of the Regge ρ -meson] K vychisleniyu traektorii Redzhe ρ -mezona. Dubna, Ob"edinennyi in-t iadernykh issledovaniy, 1963. 3 p. (MIRA 16:6)
(Mesons)

USSR / Domestic Animals, Rabbits

Q-5

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7205

Author : Yu. K. Vol'f.

Inst : ~~Not given~~

Title : A New Breed of Rabbits.

Orig Pub: Karakulevodstvo i zverovodstvo, 1957, No 2, 35-36

Abstract: The new breed of fluffy rabbits "Belaya Pukhovaya" is highly productive. The live weight of male rabbits is 3.6 to 4.4 kilograms, and that of the females - 3.5 to 4.3 kilograms (rabbits of the original breed weigh 2.6 to 2.9 kilograms). The yield of fluff from male rabbits amounts to 320 to 485 grams, from females - 260 to 420 grams (fluff obtained from the original breed amounts to 160 to 200 grams).

Card 1/1

VOLF, Z.

TECHNOLOGY

periodicals: HUTNIK Vol. 9, no.1, Jan. 1959

VOLF, Z. Segregation zone in rimmed steel fractures. p. 13.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

VOLF, Z

Distr: 4E2c

18

/ Growth of austenitic grain of medium-carbon steels at high temperatures. Zdeněk Volf and Miroslav Foltýn. *Hutnické listy* 15, 127-9 (1960).—The results of growth of austenitic grain of medium-C steel at 1200-1350° are given. From heat expts. carried out with samples 20 X 20 X 20 mm., the dependence of the growth of austenitic grain on temp., and on time at temp. is given. The size of the austenitic grain depends on temp. of heating. In the isothermal delay the speed of the growth is highest from 0 to 1 hr. With increasing temp., the upper region of the interval is shifted to a shorter time. The first mark of burning of the investigated material takes place in isothermal delay at 1250°. With increasing temp. the time shortens. Petr Schneider

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VOLF, Z.

"Defects in rolled material."

Hutník. Praha, Czechoslovakia. Vol. 5, no. 11, Nov. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

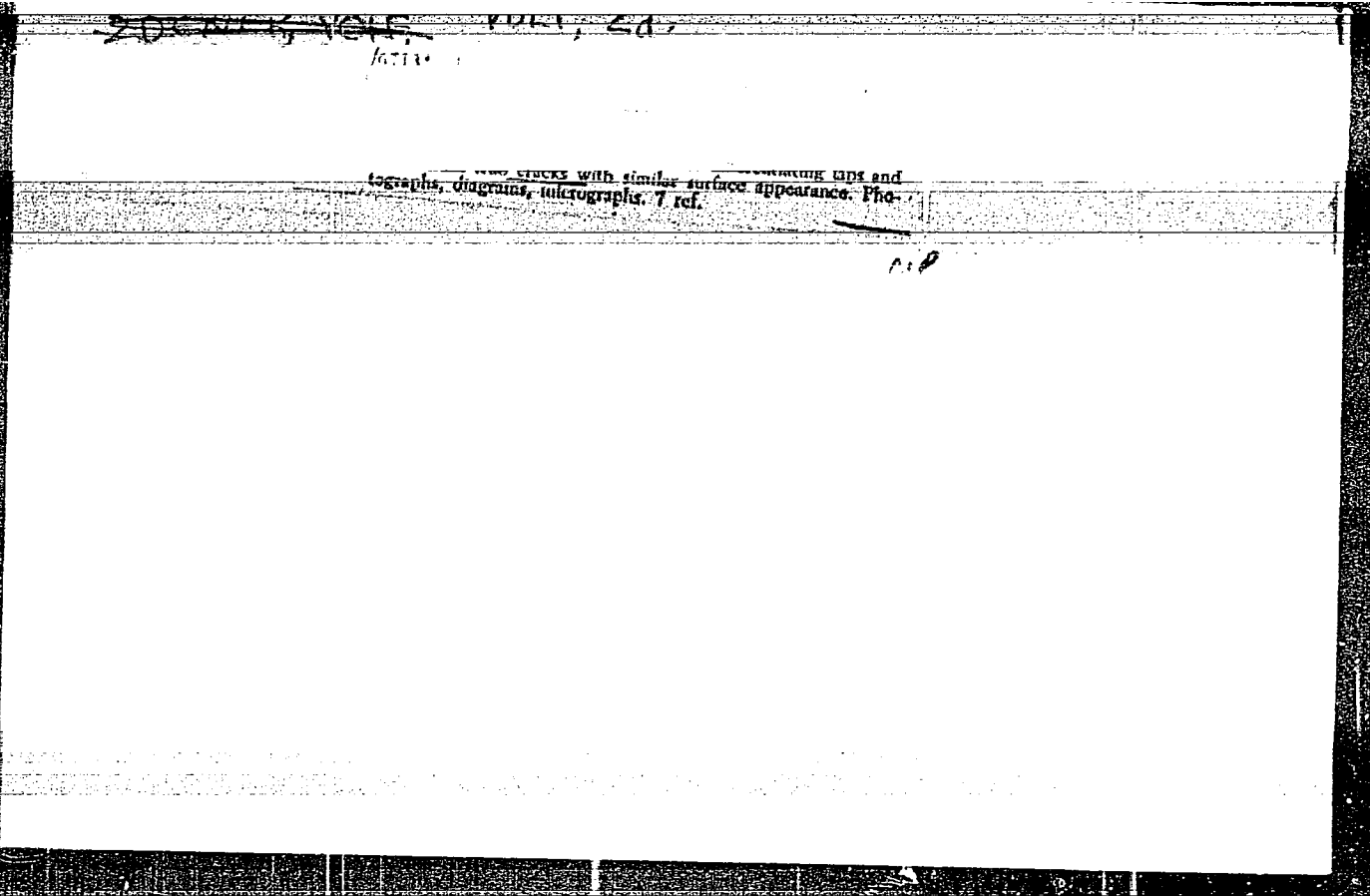
VOLF, Z.

Defects in rolled blocks caused by incorrect heating of ingots. p. 231.

HUTNIK. Vol. 6, no. 8, Aug. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957



VOL'FBERG D.

ABAKOV, A.; VOL'FBERG, D.

Rapids of the St. Lawrence River. Vokrug sveta no.9:20-22 S '54.
(MLRA 7:10)
(Great lakes) (St. Lawrence River--Navigation)

VOL'FBERG, D.B.

~~Dallas Dam Hydroelectric Power Plant in the United States (from~~
"Water Power," no.8 1957). Elek.sta. supplement no.6:43-44 H-D '57.
(Columbia River--Hydroelectric power stations)

Volfberg, D.B.

VOLFBERG, D.B.

Industrial power problems at the sectional session of the
World Power Conference in Belgrade. From.energ. 12 no.9:38-39
S '57. (MIRA 10:10)
(Belgrade--Electric power--Congresses)

SOV/112-58-1-267

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 38 (USSR)

AUTHOR: Avakyan, A. B., and Vol'berg, D. B.

TITLE: Review of Power Installations in Switzerland (Obzor energetiki Shveytsarii)

PERIODICAL: Energokh-vo za rubezhom, 1957, Nr 1, pp 1-8

ABSTRACT: Bibliographic entry.

AVAILABLE: Library of Congress

1. Power plants--Switzerland

Card 1/1

VOL'FBERG, D.B.

Review of power engineering in Italy. *Energokhoz.* 2a rub.
no.5:1-10 S-0 '57. (MIRA 13:6)
(Italy--Power engineering)

VOL'PERG, D.B.; DOROSHCHUK, V.Ye.; KRIKUNCHIK, A.B.; LEBEDEV, B.P.; PAKSHVER,
V.B.; ROKOTYAN, S.S.; SEMENTSOV, V.A. [deceased]; SERBINOVSKIY, G.V.

General aspects. Elek. sta. supplement no. 1:2-4 Ja-F '58.
(MIRA 11:7)

(Power engineering)

VOL'FBERG, D.B.

Data on power engineering and power systems in the U.S.A.
Elek. sta. no.4 Supplement:1-8 J1-Ag '58. (MIRA 11:10)
(United States--Power engineering)

VOLFBERG, D. B.

8(6)

SOY/112-59-4-6423

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 4 (USSR)

AUTHOR: Volfberg, D. B.

TITLE: Electric Power of France in 1957

PERIODICAL: Energokh-vo za rubezhom, 1958, Nr 2, p 42

ABSTRACT: Bibliographic entry.

Card 1/1

VOL'FBERG, D.B.

Survey of power engineering in South America. Energokhoz. za rub.
no.5:1-10 S-O '58. (MIRA 11:12)
(Latin America--Power engineering)

VOL'YBERG, D.B.

Plenary session of the International Electrotechnical Commission
in 1958. Elektrichestvo no.7:87-88 JI '58. (MIRA 11:8)
(Sweden--Electric engineering--Congresses)

AUTHOR: Vol'fberg. D.B. SOV-98-58-9-16/21

TITLE: Hydroelectric Power Plants of the USA and Their Role in the General Electric-Energy Balance of the Country (Gidroelektricheskiye stantsii SShA, i ikh rol' v obshchem elektroenergeticheskom balanse strany)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, ^{v. 17} Nr 9, 1958, pp 44 - 47 (USSR)

ABSTRACT: A list of existing hydroelectric power plants in USA is given together with their capacity, dimensions and equipment. There are 3 tables and 12 US references.

1. Hydroelectric power systems

Card 1/1

8(6)

SOV/112-59-4-6428

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 4 (USSR)

AUTHOR: Yol'fberg, D. B., Doroshchuk, V. Ye., Krikunchik, A. B.,
Lebedev, B. P., Pakshver, V. B., Rokotyan, S. S., Sementsov, V. A., and
Serbinovskiy, G. V.

TITLE: General Review of the Power Industry Abroad (1956-1957)

PERIODICAL: Energokh-vo za rubzhom, 1958, Nr 2, pp 1-48

ABSTRACT: Bibliographic entry.

Card 1/1

VOL'FBERG, D.B.

Some data on Canada's power engineering during 1957 and on
her power systems. Energokhoz. za rub. no.1:1-10 Ja-F '59.
(MIRA 12:4)

(Canada--Power engineering)

VOL'FERG, D.B.

Production of electric power in the USA during 1958. Energokhoz.
za rub. no.2:48 Mr-Ap '59. (MIRA 12:5)
(United States--Electric power production)

GALOCHKIN, M.P.; BORULYA, V.L., red.; VOL'FBERG, D.B., red.; SAVEL'YEV,
V.I., red.; KORUZEV, N.M., tekhn.red.

[Some problems pertaining to the development of electric power
engineering in the U.S.A. (1948 to 1957)] Nekotorye voprosy
razvitiia elektroenergeticheskogo khoziaistva SShA, 1948-1957 gg.
Moskva, Gos.energ.izd-vo, 1959. 82 p. (MIRA 13:3)
(United States--Power engineering)

VOLFBERG, D.B.

Stornorrfors Hydroelectric Power Station in Sweden. Energokhoz. za
rub. no.5:35-37 S-O '59. (MIRA 13:2)
(Stornorrfors, Sweden--Hydroelectric power stations)

VOL'FBERG, D.B.

Construction of dams in Japan. Energokhoz. za rub. no.6:32-40 N-D '59.
(Japan--Dams) (MIRA 13:3)

VOLF'BERG, D.B.

Brief information concerning power engineering of some countries
for 1958. Energokhoz.za rub. no.1:43-46 Ja-F '60.
(MIRA 13:5)

(Power engineering)

VOL'FBERG, D.B.

Tres Marias hydroelectric center in Brazil. Energokhoz. za rub.
no.5:39-42 S-0 '60. (MIRA 13:10)
(Brazil--Hydroelectric power stations)

VOL'FBERG, D.B.

Power engineering in Great Britain in 1959 (from "Electrical Review,"
nos. 3 and 5, 1960). Energokhoz.za rub. no.3:44 '60. (MIRA 13:7)
(Great Britain--Power engineering)

VOL'FBERG, D.B.

Construction of hydroelectric power stations on the Columbia River
in the United States. Energokhoz, za rub. no.6:33-39 N-D '60.
(MIRA 14:3)
(Columbia River--Hydroelectric power stations)

VOL'FBERG, D.B., inzh.

The 29th Session of the Executive Committee of the International
Commission on Large Dams. Gidr. stroi. 32 no.8:60-61 Ag '62.
(MIRA 15:9)

(Dams--Gongresses)

GALCCHKIN, N.P.; VOL'FBERG, D.B., inzh., red.; LEVCHIK, L.P.,
red.; SOLOV'YEVA, A.I., tekhn. red.

[Electric power engineering and power plant construction
in the Commonwealth of Australia] Elektroenergetika i
energeticheskoe stroitel'stvo Avstraliiskogo Soiuza. Mo-
skva, Orgenergostroi, 1963. 75 p. (MIRA 16:11)
(Australia--Electric power)

VOLFBERG, E. D.

EXCERPTA MEDICA Sec.18 Vol.1/8 Cardiovascular Aug 57

2368. VOLFBERG E. D. State Ped. Med. Inst., Leningrad *Pulmonary veins opening into the portal vein (Russian text)* Arkh. Patol. 1956, 18/3 (103—104) Illus. 2
Description of a case in a child aged 2.5 months: all pulmonary veins united to one common vessel, which opened into the portal vein below the diaphragm. The foramen ovale was open, the left atrium was of the usual size, the left ventricle slightly smaller than the right.
Brandt - Berlin (V, 1, 18)

USSR/General Problems of Pathology - Tumors. Comparative
Oncology. Tumors of Man.

U

Abs-Jour : Ref Zhur Biol., No 5, 1959, 22958

Author : Volf'Berg, Ye.D.

Inst : ~~USSR Academy of Sciences~~

Title : Chorioepithelioma of Ovary in a 6-Year-Old Girl.

Orig Pub : Akusherstvo i ginekologiya, 1958, No 4, 105-108

Abstract : In a 6-year-old girl pains suddenly appeared in the stomach, as well as bloody discharges from the vagina. In view of the strong pain, laparotomy was performed and, in the region of the right ovary, a tumor of the size 5.5 x 4.5 x 3.5 cm was discovered. Histologically, the tumor was regarded as a chorio-epithelioma on a background of teratoblastoma. Light Langhans cells and sinticial elements were the prevalent structures in the tumor. Other elements of the tumor were fields and cords of lamellar epitheliolike cells, regarded as components

Card 1/2

- 32 -

USSR/General Problems of Pathology - Tumors. Comparative
Oncology. Tumors of Man

U

Abs Jour : Ref Zhur Biol., No 5, 1959, 22958

of a teratoblastoma. After removal of the tumor, the
bloody discharges from the vagina stopped and, 1 month
and 8 days after surgery, the girl was discharged in
good condition.

Card 2/2

KAIPOV, F. I.; VOL'FBERG, Ye. D.

Phlegmon in newborn infants. Khirurgiia no.6:28-33 Je '62.
(MIRA 15:7)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - doktor meditsinskikh nauk G. A. Bairov) i kafedry patologicheskoy anatomii (zav. - prof. V. G. Chudakov) Leningradskogo pediatri-cheskogo meditsinskogo instituta.

(INFANTS(NEWBORN)--DISEASES) (PHLEGMON)

VOL'FBMRG, Ye.D.

Dissecting aneurysm of the aorta in childhood. *Pediatrics* 37
no.7:82-84 J1 '59. (MIRA 12:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof.D.D.Lokhov)
Leningradskogo pediatricheskogo meditsinskogo instituta (dir. -
prof.N.T.Shutova).

(AORTIC ANEURYSM, in inf. & child,
dissecting (Rus))

VOL'FBERG, Ye.D.

Chorioepithelioma of the ovary in a 6-year-old girl. Akush. i
gin. 34 no.4:105-108 J1-Ag '58 (MIRA 11:9)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. D.D. Lokhov)
Leningradskogo pediatricheskogo meditsinskogo instituta (dir. -prof.
N.T. Shutova).

(CHORIOCARCINOMA, case reports
ovary, in 6-year old girl (Rus))

(OVARY, neoplasms
choriocarcinoma in 6-year old girl (Rus))

VOL'BERG, Ye.D. (Leningrad)

A rare case of pulmonary veins emptying into the portal vein. (MIRA 11:10)
Arkh.pat. 18 no.3:103-104 '56

1. Iz kafedry patologicheskoy anatomii (zav. - prof. D.B. Lohov)
Leningradskogo gosudarstvennogo pediatricheskogo meditsinskogo instituta
(dir. -prof. N.T. Shutova)

(VEINS, PULMONARY, abnorm.)

anomalous drainage into portal vein (Rus))

(ABNORMALITIES,

anomalous drainage of pulmonary veins into portal vein (Rus))

(VEINS, portal system, abnorm.
(same))

Viewed, etc.

0598

Equilibrium diagram of the system $Al_2O_3-Na_2O-H_2O$.
P. F. Yul' and S. I. Kuznetsov. *J. Appl. Chem. U.S.S.R.*
No. 20 (1957) (Engl. translation).—see C.A.B. 48, 5072a;
H. I. H.

① J

VOL'FBERG, Ye. D.

"The Morphological Characteristics of Contemporary Dysentery in Infants."
Gand Med Sci, Leningrad State Pediatrics Medical Inst, Leningrad, 1955.
(KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

L 16017-66 ENT(d)/FSS-2 GD

ACC NR: AT6022348

SOURCE CODE: UR/0000/66/000/000/0076/0079

AUTHOR: Vol'fbeyn, S. P.

63

B+1

ORG: None

TITLE: Effect of interference and distortions on transmission of discrete information by frequency modulation

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya teorii i tekhniki peredachi diskretnykh signalov. Doklady. Moscow, 1966, 76-79

TOPIC TAGS: data transmission, FM pulse, communication channel, signal distortion, *signal transmission*

ABSTRACT: A method is proposed for calculating fringe distortions during transmission of discrete signals by frequency modulation for a wide class of interference. The use of this method is illustrated by derivation of formulas for fringe distortions which appear when there are momentary disruptions in the channel and when a low carrier frequency is used. Derivation of the principal formulas is based on the concept of the complex signal. A complex signal corresponding to an oscillation $S(t)$ is defined as a signal with a spectrum equal to zero on negative frequencies and coinciding with double the spectrum for the oscillation $S(t)$ on positive frequencies. Orig. art. has: 7 formulas.

SUB CODE: 09/17/ SUBM DATE: 09Apr66/ORIG REF: 002

Card 1/1

I. 04568-07 FWT(d)/ISS-2

SOURCE CODE: UR/0106/66/00/010/0026/0030

ACC NR: AP6033681

AUTHOR: Yaroslavskiy, L. I.; Vol'fbeyn, S. P.; Usov, I. S.

52
3

ORG: none

TITLE: A method for increasing the transmission speed of discrete information

SOURCE: Elektrosvyaz', no. 10, 1966, 26-30

TOPIC TAGS: binary code, data transmission, encoding theory

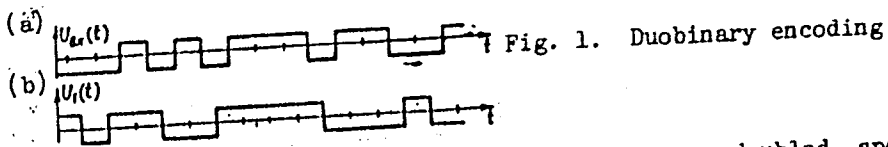
ABSTRACT: The authors review variations in the duobinary technique for improving the transmission of binary coded data. The technique treats a binary signal train to a second binary encoding, which permits higher information transmission rates and gives better resistance to transient noise effects. A direct form of duobinary coding is seen in Fig. 1, where (a) is the input binary signal. This signal is transformed such that its negative-going zero crossings yield (+1), but its positive-going zero crossings do not (0), resulting in the duobinary signal of (b). The 1963 papers of Lender and Bramhall on the subject are cited, and their findings on the advantages of duobinary coding are confirmed. The cited authors credit the increased transmission speed to the fact that the energy spectrum of the duobinary signal is only half that of the original; however, the present authors deny that this

UDC: 621.394.14

Card 1/2

G45 -57

ACC NR: AP6033681



can be the reason, since a case can be shown where a doubled speed is achieved even though the energy spectrum is unchanged. Another hypothetical example of duobinary coding is given which would increase transmission speed by 1 1/2 times. Orig. art. has: 6 formulas and 6 figures.

SUB CODE: 09/ SUBM DATE: 20Jul65/ OTH REF: 003/ ATD PRESS: 5100

Card 2/2 vmb

VOL'FENGAUT, Yu. (Tomskaya obl.)

Two inverse theorems. Mat.v shkole no.4:65-66 J1-Ag '59.
(MIRA 12:11)

(Triangle)

L 43696-66 ENT(d)/ENT(m)/ENT(f)/T JR

ACC NR: AP6014740

(W)

SOURCE CODE: UR/0229/65/000/011/0031/0034

49
47
B

AUTHOR: Golubev, N. V.; Vol'fenzon, M. N.

ORG: None

TITLE: Development of power plants of sea-going ships of the Soviet merchant marine

SOURCE: Sudostroyeniye, no. 11, 1965, 31-34

TOPIC TAGS: shipbuilding engineering, marine engineering, merchant marine data, marine engine, diesel engine, steam turbine, steam boiler, gas turbine/ 8DR 30-50 diesel engine, 8DR 43-61 diesel engine, D50 diesel engine, D100 diesel engine, 5DKRN 50-110 diesel engine, 9DKRN 50-110 diesel engine, 7DKRN 74-160 diesel engine, 6DKRN 74-160-2 diesel engine, 9DKRN 74-160-2 diesel engine, TS-1 steam turbine, TS-2 steam turbine, KVG-25 steam boiler, KVG-34 steam boiler, GTU-20 gas turbine

ABSTRACT: A general review of a 40-year period of progress made by the Soviet Union in construction of marine power plants is presented. The prewar development including some obsolete steam and diesel power plants is retrospectively surveyed. Shipbuilding was completely discontinued during the World War. A new development started in 1950 to produce many series of new ships and marine power plants. Two-shaft plants with 800 hp, 300 rpm diesel engines of 8DR-30/50 type are installed on tankers "Oleg Koshevoy" and "Inzhener Pustoshkin" and on freighters of the "Inzhener Belov" class. Diesel plants with 2000 hp, 250 rpm engines of 8DR-43/61 type are in operation on fish trawlers of the "Mayakovskiy" class, passenger ships of "Kirkizstan" class, tankers of "Kazbek" class and cannery-ships of the "Andrey Zakharov" class. Diesel d-c electric plants with a D50, 1000-hp engine are used for propulsion of the tanker "General Azi Aslanov" and fish ships of the "Tavriya" class. Diesel d-c electric plants with a D100, 1800-hp engine are employed for freighters of "Dneproges" class, refrigerator ships of "Sevastopol" and

UDC: 629.12-8

Card 1/2

L 13696-66

ACC NR: AP6014740

2

"Yantarnyy" class, icebreaker-freighters of "Anguema" class, railway ferries of the "Sovetskiy Azerbaydzhan" class and harbor icebreakers of the "Dobrynya Nikitich" class. Low-speed one-shaft diesel plants are mentioned for freighters "Sukhona" (5DKRN 50/110 type, 2900 hp, 170 rpm), "Vytegrales" (9DKRN 50/110 type, 5200 hp, 170 rpm) and "Pezhitsa" (7DKRN 74/160 type, 8750 hp, 115 rpm). Steam-turbine plants with steam rated at 45 atm and 470 C are used for freighters of "Leninskiy Komsomol" class (TS-1 type, 13000 hp with a KVG-25 boiler) and for tankers of "Praga" and "Sofiya" class (TS-2 type, 19000 hp with a KVG-34 boiler). The icebreaker "Lenin" with nuclear power plant (one 20000 hp shaft and two of 11000 hp each) is mentioned. In 1964, the tests of a 13000-hp gas turbine plant of GTU-20 type were completed for freighter "Parizhskaya Kommuna". Some ships equipped with power plants of foreign origin are also mentioned. The progress in speed between 1951 and 1959 was from 13 to 19 knots. The Bryansk Machine-Building Plant recently started production of 5200 and 8750-hp diesel engines. In 1965 the final testing of 9000 and 13500-hp engines of 6 DKRN 74/160-2 and 9DKRN 74/160-2 must be completed. Various trends in design, proposed improvements, and new prospects for the future are generally reviewed.

SUB CODE: 13, 21/ SUBM DATE: None

A 3
Card 2/2

ACC NR: AP6035837

SOURCE CODE: UR/0413/66/000/020/0041/0041

INVENTOR: Berezinskiy, V. I.; Vol'fenzon, M. N.; Zakharov, G. A.; Il'in, A. G.; Pavlova, Ye. A.; Skachkov, A. M.; Shifrin, M. Sh.; Eydlin, I. I.; Yung, V. N.

ORG: none

TITLE: System for automatic regulation of the steam-main operation of a marine turbine unit. Class 14, No. 187041

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 41

TOPIC TAGS: turbine, steam turbine, engine turbine system, marine engine, marine engineering, *pressure regulator, automatic regulation*

ABSTRACT: An Author Certificate has been issued for a system for the automatic control of steam-main operation in marine-turbine units with steam takeoffs connected to units requiring dissimilar pressure, maintained by the use of pressure regulators, and to the cooled-steam circuit. To provide for the regulators' independent operation and to improve their functioning, the pressure regulators are connected parallel to the cooled-steam circuit. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 12Jul65/

Card 1/1

UDC: 621.125-225.1-531.8

ACC NR: AP6035942

(A)

SOURCE CODE: UR/0413/66/000/020/0199/0199

INVENTOR: Vol'fenzon, Sh. O.; Korobov, Ya. V.

ORG: None

TITLE: External load suspension system for a helicopter. Class 62, No. 187541

SOURCE: Izobreneniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 199

TOPIC TAGS: helicopter, cargo handling equipment, auxiliary aircraft equipment

ABSTRACT: This Author's Certificate introduces an external load suspension system for a helicopter. The device contains a winch with a cable, a cable head with a swivel lock and release, and a load hook. The installation is designed for increased operational safety of servicing personnel during suspension of the load from the helicopter by using a power lock with a housing which has a built-in cup rotating on bearings, as well as hinged rotating hooks with a four-link mechanism which automatically grabs the cable head with the lock and release mechanism. The power lock is opened and closed by a hydraulic cylinder operated through a terminal switch.

SUB CODE: 13/01/ SUBM DATE: 09May63

UDC: 629.13.01/06 629.139

Card 1/1

KUKES, V.G., VOL'FSDORF, N.Yu. (Magadan)

Two cases of idiosyncrasy to penicillin. Klin.med. 36 no.11:146-147
N 158 (MIRA 11:12)

1. Iz Magadanskoy oblastnoy bol'nitsy (glavnyy vrach G.V. Dugayeva)
i Magadanskogo oblastnogo venerologicheskogo dispansera (glavnyy
vrach - kand.med.nauk S.S. Orlov).
(PENICILLIN, inj.eff.
hypersensitivity (Rus))

~~VOL'PENZON, I.G.; GOROSHCHENKO, Yu.L.~~

Conference on problems of cytology, histology, and embryology
in Riga. TSitologia 1 no.2:253-255 Mr-Apr '59. (MIRA 12:9)

(HISTOLOGY)

VOL'FENSHTEYN, L.

Polarization of fast nucleons. Usd.fiz.nauk 62 no.1:71-99 My '57.
(MIRA 10:7)

(Nucleons) (Angular momentum (Nuclear physics))

PA - 3249

VOLFENSHTEYN, L.

AUTHOR
TITLE

WOLFENSTEIN L.

Polarization of Fast Nucleons. (Polarizatsiya bystrykh nuklonov.- Russian)

PERIODICAL

Uspekhi Fiz. Nauk 1957, Vol 62, Nr 1, pp 71 - 97 (U.S.S.R.)
Received: 7/1957

Reviewed: 7/1957

ABSTRACT

In recent years experiments with polarized particle rays, i.e. preferably with directioning of the spins, were carried out. In analogy to light polarization such a polarization can be characterized by the preferred direction and the degree of polarization P ($0 \leq P \leq 1$). For polarization and analysis scattering by a substance is used according to the suggestion by Mott and Schwinger (spin orbit coupling, left - right asymmetry of dependence of nucleon interaction, for which purpose, the catcher to be investigated is placed between polarizer and analyser (so-called triple scattering). Formulae for the scattering by spinless catchers and on a spin orbit potential (central potential + spin orbit term) are written down in Born's approximation, first by averaging over pure spin states, then by means of the density matrix formalism. Especially scattering on the basis of the optical nuclear model with

CARD 1/3

Polarization of Fast Nucleons.

PA - 3249

$V(r) = V_0(r) (1 - i\epsilon)$ as central term and $Y(r) = g^2 V_0(r)$ in the spin orbit term is computed and compared with experiments. At about 300 MeV = 1,0 and $\gamma \sim 12 - 16$, is found in the case of some substances. In consequence of the inaccuracy of experiments (non-elastic scattering) remains about zero below caution. 130 MeV, but it increases rapidly and is practically requires constantly inversely proportional to energy. From about 250 MeV being equal to 0,8 between 130 and 240 MeV, its scattering angle decreases. Maximum polarization comparison of the Coulomb of p_{max} and the concentration of spin orbit interaction on the nuclear surface. Dependence upon the the catcher (decrease of p_{max} with increasing atomic weight) is explained as for further information concerning Experiments are mentioned as double and triple scattering, correlation the scattering matrix: From experiments carried out the noncentral experiment etc. From experiments carried out the noncentral character of the p-p-interaction in the triplet state and the

CARD 2/3

PA - 3249

Polarization of Fast Nucleons.

n-p-interaction with T (isotope spin) = 0 and E = 300 and
100 MeV respectively are inferred.
(7 Illustrations, 109 citations of publications.)

ASSOCIATION: not given.
PRESENTED BY: -
SUBMITTED: -
AVAILABLE: Library of Congress.

CARD 3/3

17

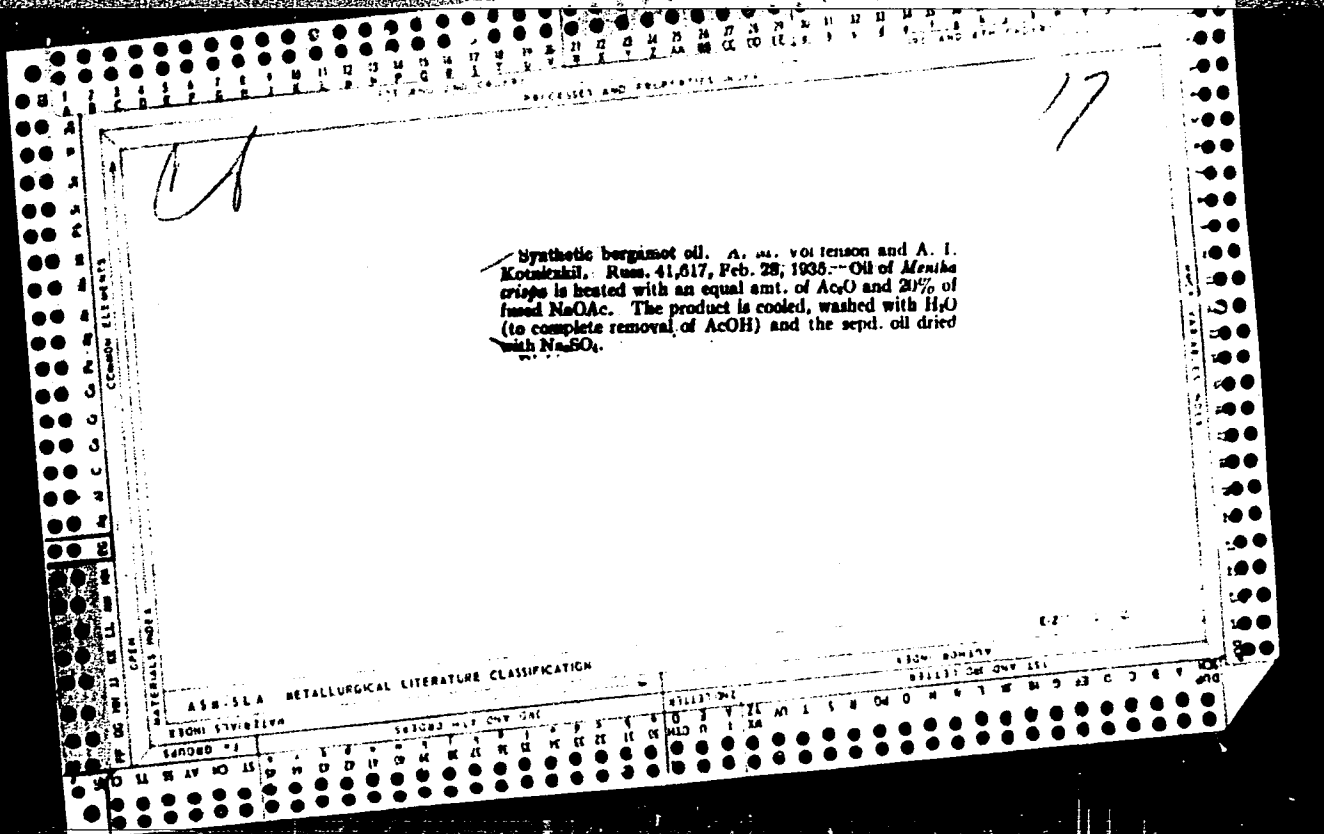
PROCESSES AND PROPERTIES INDEX

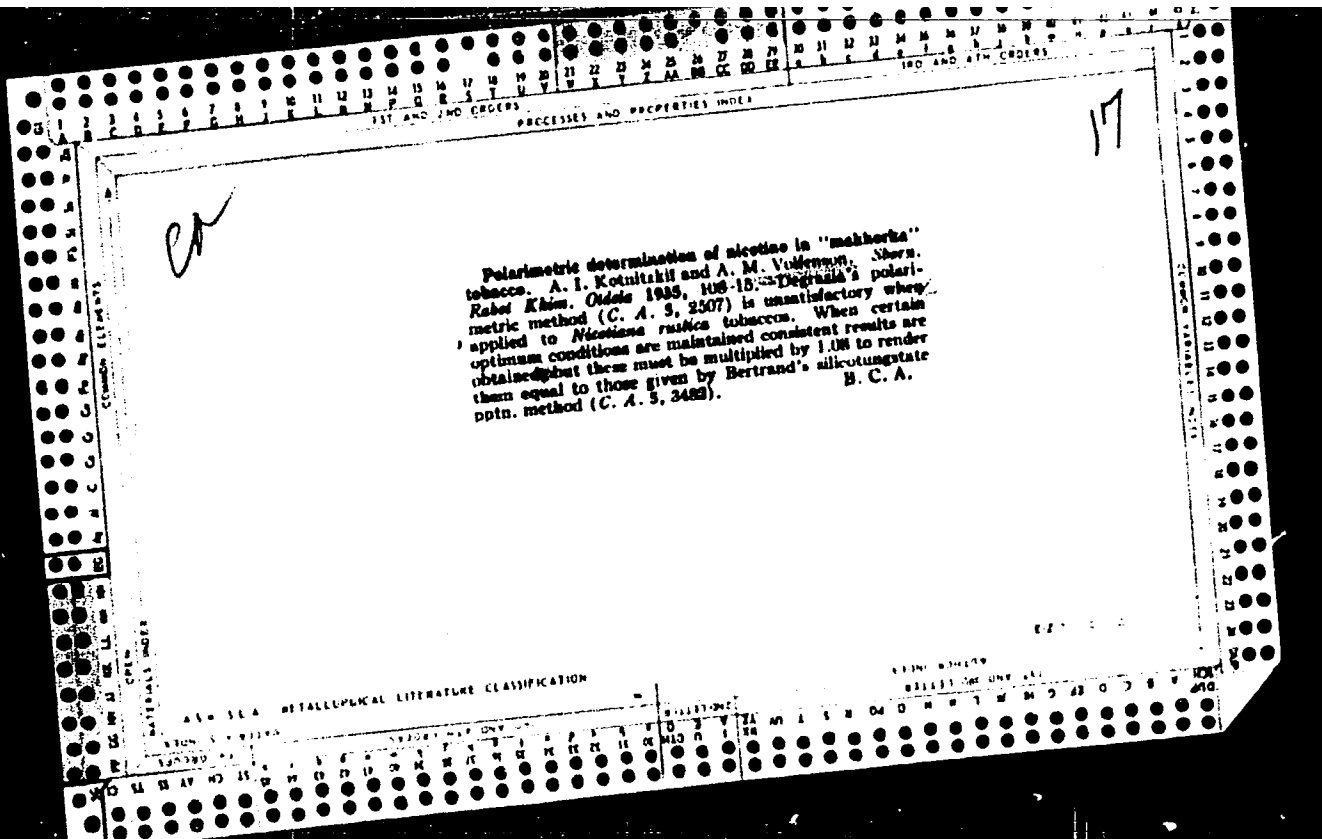
CA

Synthetic bergamot oil. A. M. Vol'fenson and A. I. Motol'skii: Russ. 41,617, Feb. 28, 1936. Oil of *Mentha crispus* is heated with an equal amt. of Ac_2O and 20% of fused $NaOAc$. The product is cooled, washed with H_2O (to complete removal of $AcOH$) and the sepd. oil dried with Na_2SO_4 .

ASM-ISA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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100 AND 4TH EDITION

1ST AND 2ND EDITIONS PROCESSES AND PROPERTIES INDEX

B-7-2

BC

*Polarimetric determination of glucose in Max-
 crooked tobacco. A. L. Kozlov and A. M. Vor-
 onov (Sov. Rabot. Chem. Otdel. 1955, 108-115).
 Dupont's polarimetric method (A. 1911, II, 871) is
 unsatisfactory when applied to Russian russia tob-
 acco. When certain conditions are main-
 tained consistent results are obtained, but these must
 be multiplied by 1.08 to render them equal to those
 given by Bertrand's silicotungstate pptn. method.*

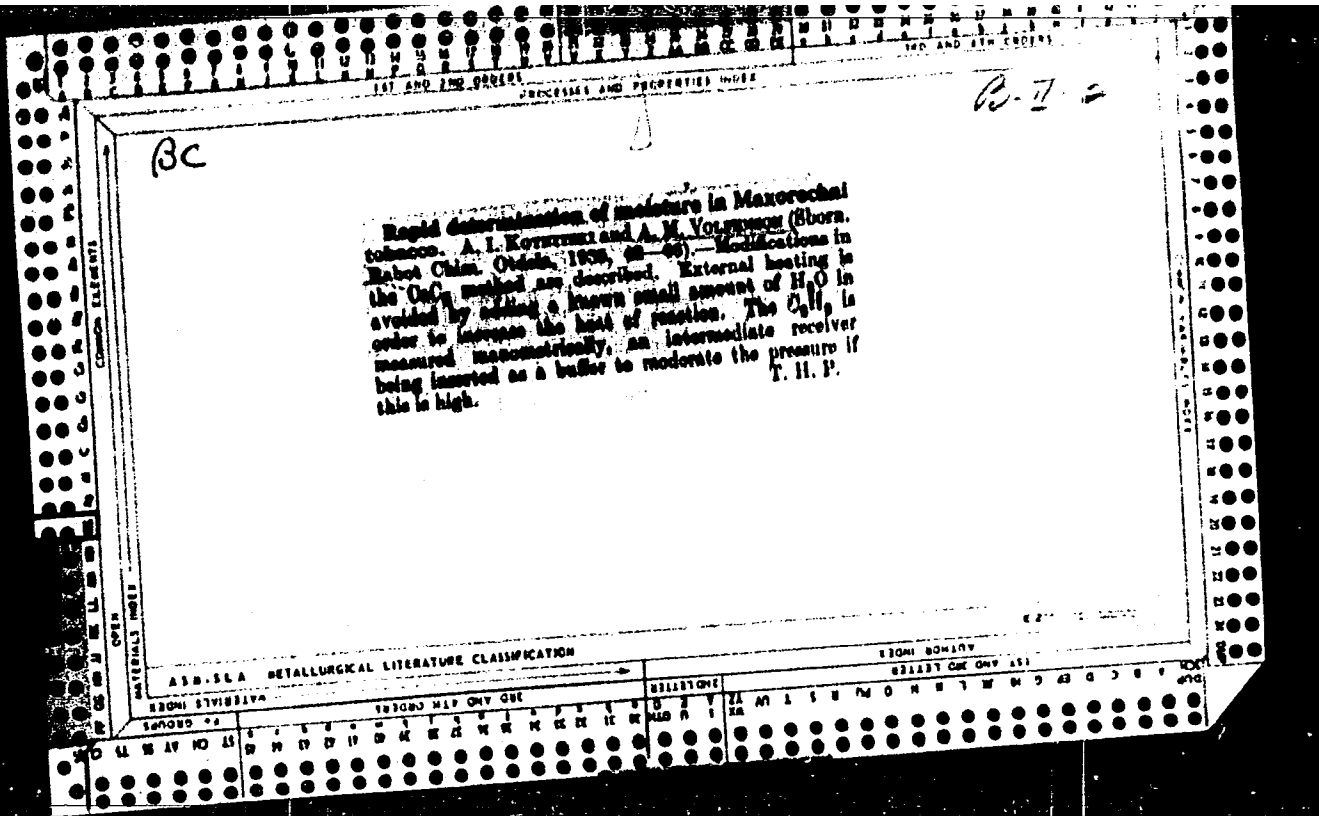
T. H. P.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

E-Z INDEX

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



VOL'PENSON, I.I.

Unification of the technology of bottle parts. Form. 1 spirit.
prom. 31 no.2:42-43 '65. (MIRA 18:6)

VOL'FENZON, I.I.; SHUR, S.I.

Effect of various emulsifying agents on the structural-rheological
properties of emulsion systems of the type water-oil. Trudy
VNIISNDV no.6:169-173 '63. (MIRA 17:4)

VOL'FENZON, I. I.

New standard for liqueur and vodka bottles. Spirt. prom. 28
no.8:40-43 '62. (MIRA 16:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut spirtovoy
promyshlennosti.

(Bottles--Standards)

VOL'FENZON, I.I., inzh.; SHUR, S.I., kand.khimicheskikh nauk

Investigating the viscoplastic properties of "water in oils" type emulsion creams. Masl.-zhir.prom. 28 no.3:30-32 Mr '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv (for Vol'fenzon). 2. Tsentral'naya nauchno-issledovatel'skaya laboratoriya zhirovoy promyshlennosti Mosgorsovnarkhoza (for Shur).
(Cosmetics--Testing)

VOL'FENZON, I.I.; SHUR, S.I.; SHEVLYAGINA, Ye.V.

Effect of certain factors on the structural strength of
emulsifying creams. Trudy VNIISNDV no.5:165-170 '61. (MIRA 14:10)
(Cosmetics) (Emulsifying agents)

DRABKINA, Ye.I.; VOL'FENZON, I.I.; SHEVLYAGINA, Ye.V.

Amino acids in the cosmetic industry. Trudy VNIISNDV no.5:
135-137 '61. (MIRA 14:10)
(Amino acids) (Cosmetics)

DRABKINA, Ye.I., inzh.; VOL'FENZON, I.I., inzh.

Use of nitrogen-containing compounds in cosmetic preparations;
review of literature. Masl.-zhir.prom. 28 no.9:26-27 S
'62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.
(Cosmetics) (Amino acids--Therapeutic use)

VOL'FENZON, I.I.

Using indelible paints instead of bottle labels. Stek. 1 her.
17 no. 11:21-22 N '60. (MIRA 13:12)
(Glass painting and staining)

VOL'FENZON, I.I., inzh.; SHEVLYAGINA, Ye.V., kand.khim.nauk; SHUR, S.I.,
kand.khim.nauk

Studying physicochemical properties of cosmetic creams. Masl.-
zhir.prom. 25 no.12:21-25 '59. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv (for Vol'fenzon, Shevlyagina).
2. Tsentral'naya nauchno-issledovatel'skaya laboratoriya zhirovoy promyshlennosti Mosgorsovnarkhoza (for Shur).
(Cosmetics)

VOL'FENZON, I.I.

Controlling the quality of bottle annealing. Spirt.prom.
25 no.8:27-30 '59. (MIRA 13:3)
(Bottles)

OSIPOVA, V.P., kand.khim.nauk; VOL'FENZON, I.I., inzh.; VISHNEVSKAYA,
A.A.; REYNGACH, B.Ya.; DANILOVA, L.I., inzh.

Preparation of extracts from vegetable raw material. Masl.-
zhir.prom. 25 no.4:22-25 '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.
(Essences and essential oils)

VOL'FENZON, I.I., inzh.; MILOVANOV, I.B., inzh.

Substances used in hair strengthening; bibliographic survey.
Masl.-zhir.prom. 24 no.11:22-25 '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.
(Hair--Care and hygiene)

VOL'FENZON, I.I., inzh.; SHUR, S.I., kand.khim.nauk

Effect of a series of factors on the structural, mechanical and rheological characteristics of the "water-in-oil" type emulsion creams. Masl.-zhir. prom. 29 no.2:24-27 F '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv (for Vol'fenzon). 2. Tsentral'naya nauchno-issledovatel'skaya laboratoriya zhirovoy promyshlennosti Moskovskogo gorodskogo soveta narodnogo khozyaystva (for Shur). (Cosmetics—Testing)

+
VOL'PENZON, I.M.

Calculating output in the production of alcoholic fruit and berry
juice. Spirt. prom. 23 no.4:6-10 '57. (MIRA 10:5)

1. Spirttekhpromtara.
(Beverages)

1ST AND 2ND CODES PROCESSES AND PROPERTIES INDEX

A-4

BC

Abstract citation from abstract (Klein-Hellman (Comp. rend. Acad. Sci. U.S.S.R., 1941, 21, 644-647).--In the abstract of the present report particles were most prominent in the area located in the center of the cell. The particles had broken up into cells in which the cytoplasmic processes paralleled cell degeneration and the basal of the cells was broken up into droplets with pyknotic nuclei. In the hypercontracted adrenals in two in which one adrenal had been removed. Some processes were very pronounced; evidence was obtained of removal of the lipid droplets into the capillaries by the breakdown of the lipid-containing cells showing that hormone secretion was occurring. P. C. W.

ASO-SLA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

GROUPS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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VOL'FENZON, L.G.

Size changes in fibroblasts and histiocytes of the areolar
tissue of rabbits under the effect of low temperatures.
Sbor. rab. Inst. tsit. no.4:66-74 '63 (MIRA 17:3)

Effect of low temperatures on the vital staining of fibro-
blasts and histiocytes of the areolar tissue in rabbits.
Ibid.:75-79 '63