depended, basically, upon the wind velocity.

4. Loss in effective radiation. The next factor ... is the effective heat loss into interplanetary ... to instrumental defects, this had to be calculated from ... ing formulae. The one chosen was due to Angström (Ref. ...):

$$I_{i_0} = \sigma T^4 (0.\ldots 5 + 0.322 \times 10^{-0.069e})$$

Using this, Sverdrup ... graph (temperature of water ... relative humidity as ordinate) ... (0.160 - 0.1.. cal/min/cm²) suitable for interpolation. These were for a clear sky. The authors employed these graphs to calculate the quantity of heat lost per cm² of the Atlantic each ... . The results are shown in Curve ... Fig. 6. Presence of clouds was allowed for by the formula

$$I_i = I_{i_0}(1 - C_H A_H - C_M A_M - C_L A_L) \qquad (+)$$

Oscillations in the Heat Balance of the Atlantic Ocean.

n_H, n_M and n_L correspond to the amount of cloud in upper middle and lower layers (in tenths). The values of C_H, C_M and C_L are given by the authors as suggested by N. I. Yegorov (Ref.3). The heat loss in effective radiation is given in Curve 5, Fig.6 - it varies between 250 cal and 32 cal/day/cm^2. As is expected, negative maxima on this curve correspond to positive maxima on Curve 1.

3. Loss in convective exchange between ocean and atmosphere. This plays the major part in polar seas, but in middle latitudes, as in the Atlantic, it is relatively small. Much research in this field has been carried out and the most suitable formula to use seems to be that of V. S. Samoylenko (Ref.7):

$$q_c = 3(\vartheta_w - \vartheta_6)V_6 \text{ m.cal/day/cm}^2 \qquad (5)$$

This has been confirmed by the theoretical researches of P. P. Kuz'min (Ref.8) and A. G. Kolesnikov (Ref.9). Here V_6 is the wind velocity at height 6 m; ϑ_w is the temperature of the water surface and ϑ_6 is the air temperature at 6 m. The convective exchange heat loss is given in Fig.

Oscillations in the Heat Balance of the Atlantic Ocean.

(Curve 6) - it varies little from zero. Usually, though not always, the air temperature was lower than the water temperature and the greatest heat loss by this [illegible] came about when the temperature difference was greatest and the wind velocity highest. Even so the largest value [illegible] was 65 cal/day/cm^2.

6. Overall heat balance. To obtain the overall heat balance it is only necessary to add algebraically the Curves [illegible] and 6 in Fig.5. This gives Fig.7. It can be seen that the balance during the voyage was predominantly negative - positive values appearing on only 18 days (on 5 of which it did not reach +10 cal/day/cm^2). The negative maxima are much bigger than the positive (largest positive = +117 cal/day/cm^2; largest negative = 566 cal/day/cm^2). The daily oscillations are much greater than the variations from latitude to latitude and from month to month. It is proposed that Fig.7 can be used to give the temperature distribution of water at different depths and at different times of the

Oscillations in the Heat Balance of the Atlantic Ocean.

year (using the formula due to A. G. Kolesnikov (Ref.10) and the results of S. V. Dobroklonskiy (Ref.11) and S. G. Bogus-lavskiy (Ref.12)). The authors divide their results into three headings: the first, from 14 - 29 October, with an average latitude 37°N; the second, from 30 October to 18 November, with an average latitude 21°N; and the last, from 19 November to 8 December, with an average latitude 34°N. The corresponding average heat losses are 116, 53 and 216 cal/day/cm^2. It is interesting to compare these with heat content observations made at the same time on the Gettysburg bank (φ = 36°32'N, λ = 11°30'W). Fig.8 gives the vertical temperature distribution of the water averaged over the day - Curve 1 for October 22-23, Curve 2 for December 4-5. The second curve gives a depth 20 m deeper than the first, owing to position, but this is unimportant since Curve 1 can be extrapolated. Fig.8 indicates that, for the period October 24-December 4, the average heat loss was 156 cal/cm^2/day. The mean heat loss for November was also calculated by taking the arithmetic mean of the experimental results obtained in

Card 11/12

SOV-4 -[illegible]-3/12

Oscillations in the Heat Balance of the Atlantic Ocean

October (the first division above) and in the third division (to December 8). This gave a value of 166 cal/cm²/day in satisfactory agreement. There are 8 figures and 12 references, of which 10 are Soviet, 1 English and 1 German.

SUBMITTED: January 21, 1959.

1. Oceanography--Atlantic Ocean 2. Atlantic Ocean--Temperature
3. Laboratory equipment--Applications

Card 12/12

PPSKOV, P.I.

Radioactivity of river flood land. [illegible]

ACCESSION NR: AP4024476 S/0141/64/007/001/0160/0165

AUTHOR: Peskov, R. A.

TITLE: Approximate determination of periodic motions in an automatic phase control system

SOURCE: IVUZ. Radiofizika, v. 7, no. 1, 1964, 160-165

TOPIC TAGS: phase control system, automatic phase control system, periodic motion, approximate periodic motion determination, harmonic balance method, self oscillation, self oscillation prevention

ABSTRACT: The article reports the results of a thesis project performed under the guidance of L. N. Belyustina. The harmonic balance method is used to determine the quantitative characteristics of self-oscillations of the first kind (relative to a zero frequency difference) produced in the automatic phase control system described by Belyustina (IVUZ. Radiofizika, v. 2, 277, 1959). In view of the

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ACCESSION NR: AP4024476

harmful effect of self-oscillations in such systems, the region within which the method of harmonic balance is applicable is determined by stipulating that the higher harmonics all be small. The approximate results obtained in the present work agree with the rigorous calculations of Belyustina. Orig. art. has: 3 figures and 20 formulas.

ASSOCIATION: Nauchno issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete (Scientific Research Radiophysics Institute at the Gor'kiy University)

SUBMITTED: 13Mar63 DATE ACQ: 15Apr64 ENCL: 00

SUB CODE: GE, MM NR REF SOV: 004 OTHER: 000

Card 2/2

PESKOV, R.A.

Approximate determination of periodic motions in an automatic frequency control system. Izv. vys. ucheb. zav.; radiofiz. 7 no.1:160-165 '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy fiziko-tekhnicheskiy institut pri Gor'kovskom universitete.

KOZLOV, V., pilot 1.tridy; PESKOV, S., pilot 1.tridy

Landing in a strong lateral wind. Letecky obzor 6 no.11: 343-345 '62.

PESKOV, S.N.

In the article, "Construction of the Main Building of a Thermal Electric Station with Prefabricated Reinforced Concrete," K. Ya. Borodin and S. N. Peskov describe the construction of the first thermal electric powerhouse in the USSR by the use of prefabricated reinforced concrete members.

A number of difficult engineering problems made the construction of powerhouses from prefabricated members impractical until very recently.

The first experiment in this field was the construction of the main building of a large thermal electric powerhouse with the aid of prefabricated reinforced concrete members. In this building three turbines and four boilers with a steam generating capacity of 170 ton/hr and coal pulverizing mills were installed. The main building has an area of 6,790 sq m and 205,000 cu m.

All of the reinforced concrete members were made at a factory located 60 km from the construction site; each member did not exceed 20 tons in weight and 14 m in length. The total volume of the reinforced concrete members for the superstructure was 2,000 cu m, comprising 1,473 individual members. These members were subdivided into 19 types of from 508 pieces each to 11 pieces. The concrete superstructure was made of the following members: columns, 789 cu m; beams, 286 cu m; girders, 196 cu m; large roof panels 318 cu m; large floor panels 290 cu m; and miscellaneous members, 160 cu m.

SUM. 1365

A grade 200-250 cement and grade ST.5 hot rolled deformed steel bars were used in the prefabricated concrete members. The cross section of the front wall columns was "I" shape, and the others were rectangular. The large floor panels were 5,550 by 2,100 mm each, with 450-mm ribs. A total of 1,847 cu m of concrete was cast in 19 steel forms, with as many as 127 pieces made from the same form, and 153 cu m of concrete was poured in wooden molds. The mounting of the members was done with the aid of a BK-405 tower-type crane having a 15 m load lifting capacity at 40 tons and 36 m at 15 tons.

The most critical assembly problem was joining the concrete members, which was carried out in the following manner: at the junction of the columns and beams a space of about 750 mm was left for the joint and the reinforcing rods were left sticking out of the beams and columns to a length of about one-third to one-half the length of the joint; the exposed reinforcing bars were welded at the joint and tied with hoops, spaced every 100 mm; then the joint was filled with the concrete.

The junction of the column and foundation was carried out in the following manner: into the lower base of the column was embedded a 159-mm-diameter pipe filled with concrete and protruding 750 mm; along with this pipe were included reinforcing bars; during mounting the column was rested on the pipe and the foundation; the reinforcing bars from the foundation and the column were welded together, and the space between them filled with concrete of a grade higher than that used in the members.

In the course of the assembly, a total of 900 joints were made, of which 273 were of concrete and 627 of steel. Construction and mounting of each section required some 15 to 20 days, but the time was later reduced to 10 days. (Elektrichestvo, No 11, Nov 56, pp 19-25)

LYAPINA, S.Ye. [redaktor]; PESKOV, T.A. (Ufa) [reviewer].

About the book "Methodology of the teaching of mathematics." S.E.Liapin, ed. Reviewed by T.A.Peskov. Mat. vshkole no.5:82-86 S-O '53. (MLRA 6:9)
(Mathematics--Study and teaching) (Liapin, S.E.)

PESKOV, T.A. (Ufa)

Teaching practical applications of arithmetics in the 5th class.
Mat. v shkole no.4:56-60 Jl-Ag '55. (MLRA 8:9)
(Arithmetic--Problems, exercises, etc.)

PESKOV, Timofey Andreyevich; SOVAYLENKO, Vasiliy Kliment'yevich; CHURAKOV, Denis Andreyevich; KALININ, Aleksandr Vasil'yevich; SVECHNIKOV, A.A., red.; KORNEYEVA, V.I., tekhn. red.

[Problems in arithmetic; a textbook for teachers of grades 5-6 in eight year schools] Sbornik zadach po arifmetike; posobie dlia uchitelei V-VI klassov vos'miletnei shkoly. Izd.2. Moskva, Uchpedgiz, 1963. 214 p. (MIRA 17:2)

STOLYAR, A.A. (Mogilev); PESKOV, T.A.(Ufa)

"Geometry; textbook for grades 6-8" by N.N.Nikitin. Reviewed by A.A.Stoliar, T.A.Peskov. Mat. v shkole no.2:76-79 Mr-Ap '63. (MIRA 16:4)
(Geometry)
(Nikitin, N.N.)

PESKOV, T.A. (Ufa)

About the book of V.M.Bradis "Methodology of teaching mathematics in a secondary school." Reviewed by T.A.Peskov. Mat.v shkole no.6: 73-76 N-D '55. (MLRA 9:2)
(Mathematics--Study and teaching) (Bradis, Vladimir Modestovich, 1890-)

PESKOV, T.A. (Ufa)

Geometry textbooks for secondary schools. Mat. v shkole no.5:79-80 S-O '54. (MLRA 7:11)
(Geometry)

FESHOV, T. A.

Sbornik arifmeticheskikh zadach. Posobie dlia uchitelei V-VI klassov_ /Collection of arithmetic problems; manual for 5th-6th grade teachers/. Moskva, Uchpedgiz, 1952. 63 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 3, June 1954.

PESKOV, Timofey Andreyevich; LEPESHKINA, N.I., red.; TATURA, G.L., tekhn. red.

[Independent mathematical studies for grades 5-8] Samostoiatel'naia rabota uchashchikhsia po matematike v V-VIII klassakh. Moskva, Uchpedgiz, 1962. 102 p. (MIRA 16:4)
(Mathematics--Study and teaching)

PESKOV, T.Ya. (Ufa)

Interesting problems. Mat.v shkole no.1:60-61 Ja-F '60.
(MIRA 13:5)
(Arithmetics--Problems, exercises, etc.)

AUTHOR: Peskov, V (Osh'ya, Perm' oblast) SOV-107-58-8-11/53

TITLE: Our Difficulties (Nashi zatrudneniya)

PERIODICAL: Radio, 1958, Nr 8, pp 9-10 (USSR)

ABSTRACT: The author mentions the difficulties experienced in obtaining both technical radio literature and components in his area and asks that the matter be regulated by the DOSAAF organization.

1. Radio--USSR 2. Radio equipment--Availaiblity 3 Literature --Availability

Card 1/1

SOLOPOV, Sergey Georgiyevich, prof., doktor tekhn.nauk; MURASHOV, Mikhail Vasil'yevich, dots., kand. tekhn. nauk; MIRKIN, Mikhail Abramovich, inzh.[deceased]; ANISIMOV, Pavel Fedorovich, kand. tekhn. nauk; GORTSAKALYAN, Loris Oganesovich, kand. tekhn. nauk; NAZHESTKIN, Boris Petrovich, kand. tekhn. nauk; PESKOV, Vladimir Glebovich, kand. tekhn. nauk; SAMSONOVA, M.T., red.izd-va; YEZHOVA, L.L., tekhn.red..

[Peat machines; their theory, calculation, and design]Torfianye mashiny; teoriia, raschet i konstruirovanie. [By]S.G.Solopov i dr. Moskva, Vysshaia shkola, 1962. 353 p. (MIRA 16:3)
(Peat machinery)

KOVALENKO, G.M., inzh.; PESKOV, V.G., kand. tekhn. nauk; SKOTNIKOV, V.A., kand. tekhn. nauk

Present state and basic trends of the development of trenching and road-maintenance equipment. Stroi. i dor. mash. 10 no.3: 1-4 Mr '65. (MIRA 18:5)

PESKOV, V.G., kand.tekhn.nauk; KUZNETSOV, Yu.A., inzh.; BARINOVA, Z.G., inzh.

Machines for clearing fields of stones. Trakt. i sel'khozmash. 33 no.8:30-32 Ag '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyastvennogo mashinostroyeniya.

PESKOV, V.G., kand.tekhn.nauk

Extension of the life of drive sprockets and conveyer hauling chains.
Torf.prom. 37 no.7:30-31 '60. (MIRA 13:11)

1. Kalininskiy torfyanoy institut.
(Peat machinery)

PESKOV, V.G., kand.tekhn.nauk

What a tractor for swamps should be like. Trakt. i sel'khozmash. 33 no.2: 29 F '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.

(Tractors)

PESKOV, V.G., kand.tekhn.nauk

Designing slit presses. Torf.prom. 37 no.4:10-12 '60.
(MIRA 13:7)

1. Kalininskiy torfyanoy institut.
(Peat machinery)

PESKOV, V.G., Cand Tech Sci --(diss) "Experimental study of peat-[redacted] spiral-cone presses." Mos, 1958, 15 pp (Min of Higher Education USSR. Mos Peat Inst) 120 copies (KL, 28-58, 107)

PESKOV, V.M.

Date of birth--1847. Zdorov'e 5 no.3:11 Mr '59. (MIRA 12:3)
(CENTENARIANS)

PESKOV, V.L., aspirant

Using resin of acrylonitrile in the extraction of mineral [illegible]
mat. 10 no.8:12 Ag '64. MIRA [illegible]

PESKOV, Vasiliy Mikhaylovich; KISELEV, Ya., red.

[White dreams] Belye sny. Moskva, Molodaia gvardiia, 1965. 331 p. (MIRA 18:8)

PESKOV, Vasiliy Mikhaylovich; REBROV, Mikhail Fedorovich; KAMANIN, N.P., [redacted] aviatsii, red.; ZAKHARCHENKO, N., red.; SHLENSKAYA, M., tekhn. red.

[Wait for us, stars!] Zhdite nas, zvezdy! Pod red. N.P.Kamanina. Moskva, Molodaia gvardiia, 1963. 165 p. (MIRA 16:9)
1. Zhurnalist "Komsomol'skoy pravdy" (for Peskov).
(Tereshkova, Valentina Vladimirovna, 1937-)
(Bykovskii, Valerii Fedorovich)

REVNIVTSEV, V.I., kand. tekhn. nauk; KROPANEV, S.I., kand. tekhn. nauk; PESKOV, V.V., inzh.

Means of raising the ratio of K_2O:Na_2O in feldspars. Stek. i ker. 21 no.1:28-33 Ja '64. (MIRA 17:8)

1. Ural'skiy nauchno-issledovatel'skiy i proyektnyy institut obogashcheniya i mekhanicheskoy obrabotki poleznykh iskopayemykh.

REVNIVTSEV, V.I.; DMITRIYEV, Yu.G.; TOPYCHKANOV, N.Ya.; PESKOV, V.V.; KHOROBRYKH, A.V.

Use of ultrasonic waves to dress quartz sand. Stek. i ker. 18 no.11:19-21 N '61. (MIRA 15:3)
(Sand) (Ultrasonic waves--Industrial applications)

ACC NR: AR7008640 SOURCE CODE: UR/0372/66/000/012/V019/V020

AUTHOR: Vatollo, V. V.; Peskov, Ye. P.; Khutorovskiy, Z. N.

TITLE: Some recurrent schemes for estimation of parameters in problems of optimum linear filtration

SOURCE: Ref. zh. Kibernetika, Abs. 12V110

REF SOURCE: Sb. 2-ya Vses. konferentsiya po teorii kodir. i yeye prilozh. Sekts. 5. Ch. 2. M., b. g. 11-19

TOPIC TAGS: Markov process, ~~optimal automatic control, filtration~~ LINEAR SYSTEM, VECTOR FUNCTION, MATRIX FUNCTION, PARAMETRIC EQUATION

ABSTRACT: The authors consider the regression scheme

$$x_n = F_n a + \xi_n,$$

where F_n is a known matrix of order $n \times s$ and rank s, a is the vector (with s components) of the unknown parameters, ξ_n is the vector (with n components) of random quantities with $\partial u_\nu = 0$ and correlation matrix $M\xi_n \cdot \xi_n^* = K_n$ of rank n. The problem of representation of an estimate

$$A_n = (F_n^* K_n^{-1} F_n)^{-1} F_n^* K_n^{-1} x_n$$

Card 1/2 UDC: 519.281

ACC NR: AR7008640

of the vector a in the form

$$A_n = p_{1n}T_{1n}(x_n) + \ldots + p_{rn}T_{rn}(x_n) \quad (1)$$

is studied, where $p_{1n}, \ldots, p_{rn}$ are independent of observations x_n. Three types of conditions are given which may be imposed on the random vector ξ_n to give a simple representation of form (1). For instance, in the case where the component $y_1, y_2, \ldots, y_n, y_{n+1}$ of the vector x_{n+1} form a Markov chain, the estimate A_{n+1} may be expressed in terms of the functions A_n, y_n, y_{n+1} of observations x_{n+1}. A. Dorogovtsev. [Translation of abstract]

SUB CODE: 12

Card 2/2

ANTIPOV, Ivan Antipovich; BABKIN, Aleksandr Rodionovich; SOKOKA, Mikhail Grigor'yevich; [illegible]SKOVA, L.N., red.

[Economics, organization and planning of railroad track economy] Ekonomika, organizatsiia i planirovanie putevogo khoziaistva. Moskva, Transport, 1964. 226 p. (MIRA 17:9)

CZECHOSLOVAKIA / Chemical Technology. Drugs. Vitamins. Antibiotics. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 74972.

Author : Markovich, Peskova.
Inst : Not given.
Title : The Determination of Scopolamine in the Presence of an Excess of Morphine and Ethyl Morphine.

Orig Pub: Chem. zvesti, 1957, 11, No. 4, 192-197.

Abstract: To separate morphine (I) from scopolamine (II) and ethyl morphine (III) in the "Modiscope" preparation (the ratio I:II:III being 80:1:120), it is necessary to carry out a three-fold chromatographic separation of the upper portion of the

Card 1/2

PESKOVA, A.V.

MOROZOVA, Ye.V.; PESKOVA, A.V.

Method of simultaneous determination of pentosans and uronic acids in plant fibers. Bum.prom. 30 no.4: 10-12 Ap '55. (MLRA 8:6)

1. Laboratoriya khimii drevesiny Tsentral'nogo nauchno issledovatel'skogo leso-khimicheskogo instituta.
(Cellulose) (Pentosans) (Uronic acids)

PESKOVA, A.V.

Wood starch from pine shoots. Sbor.trud.TSNILKHI no.14:106-115 '61. (MIRA 16:4)
(Starch) (Wood--Chemistry) (Pine)

PESKOVA, A. V.

V The simultaneous determination of pentosans and uronic acids in plant material. B. V. Morozova and A. V. Peskova. *Biomash. Prom.* 30, No. 4, 10-12(1955).—App. and procedure for detg. pentosans and CO_2H groups in plant material are given; pentosans are detd. by conversion to furfural, which is absorbed in phloroglucinol, and CO_2H groups by decarboxylation with 12% HCl and absorption of the CO_2 in $Ba(OH)_2$ soln. John Lake Keays

CH (1)

PESKOVA, B. N.

"Aggregate Stability of Colloidally-Dispersed Organic Dyes." Thesis for degree of Cand. Chemical Sci. Sub 24 Jun 49, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Medeleyev.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

PESKOVA B N.

CA

2

Aggregative stability of chrysophenine hydrosols. B. M. Preis and B. N. Peskova (Inst. Chem. Technol., Moscow). *Kolloid. Zhur.* 12, 162–8(1950).—The viscosity η of chrysophenine (I) sols, prepd. by heating I with H_2O until the disappearance of opalescence, increased for, e.g., 2 days after prepn. and then decreased to reach approx. the original value in 7 days. The final viscosity was Newtonian at high speeds, but soln. contg. more than 0.3% I at 5°, more than 0.5% at 25°, and more than 0.7% at 35° showed yield values θ at low speeds. The highest θ observed at 25° was 0.25 g./cm.^{2} for 1.5% sol. Addn. of NaCl raised the viscosity in a complicated manner. Small addns. of $CaCl_2$ caused opalescence, and 0.1 *N* $CaCl_2$ ppts. Sols. contg. >0.7% I gelled on cooling to thixotropic jellies, but the time of setting greatly increased after each thixotropic cycle. I. I. Bikerman

MAJSKY, A.; REHABKOVA, E.; PESKOVA, D.; Technical collaboration: KRESKEVOA, M.; KRECEK, M.

The demonstration in some permanent strains of malignant cells of group-specific ABO (ABH) agglutinogens and D(Rh_o) receptors. Neoplasma 9 no.2:141-149 '62.

1. Institute of Haematology and Blood Transfusion, Prague, CSSR.

(NEOPLASMS immunol)

MRAZ, Rudolf; PESKOVA, Eva

Effect of the presence of amines on amalgam electrolysis. Chem prum 12 no.4:175-177 Ap '62.

1. Katedra anorganicke technologie, Vysoka skola chemickotechnologicka, Praha.

PESKOVA, H.

Seventy years of full and fruitful life. Rozhl. chir., Praha 30 no.7:451-453 1951 (CIML 21:1)

PESKOVA, H.; STOCKAR, B.

Where to place surgical incisions in the face. Acta chir.plast. 2 no.3:169-179 '60.

1. Clinic of Plastic Surgery, Charles University, Prague (Czechoslovakia). Director: Academician F. Burian.
(FACE surg)

PESKOVA, H.; STOCKAR, B.

Hemiatrophia faciei progressiva. Romberg's disease. Acta chir. plast. 3 no.4:276-289 '61.

1. Clinic of Plastic Surgery, Charles University, Prague (Czechoslovakia) Director: Academician F. Burian.

(FACE dis)

KARFIK, V.; PESKOVA, H.

Plastic mammectomy. Rozhl. chir. 43 no.5:300-310 My'64

1. Klinika plasticke chirurgie lekarske fakulty hygienicke Karlovy university) v Praze; prednosta: prof. dr. V.Karfik.

PESKOVA, H.; FARA, M.

Subtotal and total mastectomy with plastic repair. Acta chir. orthop. traum. cech. 30 no.6:490-497 D'63.

1. Klinika plasticke chirurgie lekarske fakulty hygienicke KU v Praze, prednosta:prof. dr. V.Karfik.

*

PESKOVA, H.; FARA, M.

Congenital disorders of development of the female breast. Acta chir. orthop. traum. cech. 29 no.6:536-542 D '62.

1. Klinika plasticke chirurgie lekarske fakulty hygienicke University Karlovy v Praze, prednosta akademik F. Burian.
(BREAST) (TRANSPLANTATION)

PESKOVA, H.; FARA, M.

Aplasia, hypoplasia and atrophy of the female breast. Acta chir. plast. 6 no.1:61-72 '64.

1. Clinic of Plastic Surgery, Charles University, Prague, Czechoslovakia. Director: academician E.Burian.

*

PESKOVA, H.; VRABEC, R.

Tissue damage on the foot after roentgen irradiation of benign processes. Acta chir. orthop. trauma. Cech. 28 no.4:302-310 '61.

1. Klinika plasticke chirurgie lekarske fakulty hygienicke v Praze, prednosta akademik Frantisek Burian.
(FOOT radiation eff.) (RADIATION INJURY)

KUCERA, M.D.; PESKOVA, H.

Use of a tubed flap in the filling of a residual cavity after cavernotomy. Acta chir. plast. 3 no.3:199-206 '61.

1. Clinic of Plastic Surgery, Charles University, Prague (Czechoslovakia) Director: Academician F.Burian.
(SKIN TRANSPLANTATION) (SURGERY, PLASTIC)
(PNEUMONECTOMY compl.)

PESKOVA, Helena: STOCKAR, Bruno

Hemiatrophia faciei progressiva (Romberg's disease). Cas.lek.cesk. 99 no.40:1274-1280 30 S'60.

1. Klinika plasticke chirurgie LFH KU v Praze 12, prednosta akademik Frantisek Burian.
(FACE dis)
(ATROPHY surg)

PESKOVA,H.; FARA,M.

Lengthening of the columella in bilateral cleft. Acta chir. plast. 2 no.1:18-32 '60.

1.Clinic of Plastic Surgery, Charles University, Prague (Czechoslovakia), Director: Academician F. Burian.
(CLEFT PALATE surg.)

EXCERPTA MEDICA Sec 9 Vol 13/12 Surgery Dec 59

7160. SURGERY OF THE PREMAXILLA IN BILATERAL COMPLETE CLEFT PALATE AND HARELIP - Pešková H. and Fára M. Clin. of Plast. Surg., Prague - REV. CZECH. MED. 1958, 4/4 (301-316) Illus. 24

The anatomical conditions in bilateral complete cleft palate and harelip with marked changes in the premaxilla and the vomer, and with defects of the anterior poles of the maxillary portions of the upper jaw are described. These conditions are not encountered in unilateral clefts. The main obstacle to successful operation on the harelip is the degree of projection of the premaxilla beyond the anterior portions of the maxilla. The method proposed by Burian is described. It consists in horizontal subperiosteal vomerotomy, carried out backwards and downwards from the vestibule of the upper lip to the edge of the vomer. This operation is carried out at the age of 3-4 yr., prior to operating on the cleft palate. In the primary operation, carried out at 3-4 months, the upper lip is sutured in 2 stages, and the infant is immediately given orthodontic and rehabilitation treatment. The results show that it is not necessary to reduce the premaxilla during infancy, because at this age atrophy of the premaxilla occurs. It is therefore necessary to give the greatest attention and care to closure of the lip, and to wait for 3-4 yr. to obtain physiological retroposition of the projecting premaxilla by the reconstructed lip. This is further aided by proper orthodontic care and rehabilitation of the orofacial system. It was found that surgical operation is necessary in only a small proportion of these children.

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