PHASE I BOOK EXPLOITATION SOV/5075

Martynov, A.D., Candidate of Technical Sciences

Tekhnologiya izgotovleniya metallorezhushchikh instrumentov; rukovodyashchiye materialy. vyp. 6: Kontrol' razmernykh parametrov rezhushchikh instrumentov (Manufacturing Processes of Metal-Cutting Tools; Guidance Materials. No. 6: Dimensional Inspection of Cutting Tools) Moscow, Mashgiz, 1960. 172 p. 5,300 copies printed.

Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov Soyuza SSR po avtomatizatsii i mashinostroyeniyu, and Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut (VNII).

Tech. Ed.: A.Ya. Tikhanov; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V.V. Rzhavinskiy, Engineer.

PURPOSE: This book is intended for employees of toolmaking plants and shops.

COVERAGE: The author discusses the general classification of dimensional parameters of cutting tools and of their inspection methods. Universal and special

Card 1/5

instruments used in measuring the dimensions of cutting tools are described. The author includes detailed methods for inspecting separate dimensional parameters of the more widely used types of cutting tools. No personalities are mentioned. There are 9 references, all Soviet.

TABLE OF CONTENTS:

LARIN, M.N., doktor tekhn.nauk, prof.; TSYGANOVA, M.P., inzh.; TAMBOVTSEV, S.S., kand. tekhn. nauk; MITYAKOV, A.V., inzh.; PETROSYAN, L.K., kand. tekhn. nauk; CHERNOUSENKO, A.P., inzh.; BUDNIKOV, N.Ye., inzh.; MARTYNOV, A.D., kand. tekhn. nauk; IVANOVA, N.A., red. izd-va; GORDEYEVA, L.P., tekhn. red.

[High-production designs of form cutters and their efficient use] Vysokoproizvoditel'nye konstruktsii fasonnykh frez i ikh ratsional'naia ekspluatatsiia. Pod red. M.N.Larina. Moskva, Mashgiz, 1961. 174 p. (MIRA 14:12)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut. 2. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut, Moscow (for all except Ivanova, Gordeyeva)
(Metal-cutting tools)

S/028/62/000/006/001/001
D234/D308

AUTHOR: Martynov, A.D.

TITLE: Participation of scientific research institutes in the assessing the quality of production

PERIODICAL: Standartizatsiya, no. 6, 1962, 40

TEXT: Checking of quality of production of the largest instrument plants ('Frezer' im. Kalinin. Sestroretsk plant im. Voskov, Tomsk, Orenburg, L'vov and Tashkent plants) carried out by the Vsesoyuznyy nauchno-issledovatel'skiy institut instrumental'noy promyshlennosti (All Union Scientific Research Institute of the Instrument Industry) (VNII) jointly with the representatives of the Committee of standards, measures and measureing instruments showed that the bulk of instruments is not produced in accordance with standard requirements. The study gave comparative data on the quality of production of individual factories. The percentage of instruments deviating from standard requirements and the average number of defects of each type of instrument were taken into account. For instance, the instruments produced by the Tomsk factory were recognized as the best in

Card 1/2

dimensional parameters, and those produced by 'Frezer' im. Kalinin as the best in the quality of thermal treatment. Those produced by the Tashkent factory were found to be the worst. All the factories were invited to work out measures for eliminating the defects. Checking performed in the second half of the year showed that instrument plants at Orenburg, Tomsk, Sestroretsk and L'vov had attained the best results, having reduced the defects by 20 to 30 %. VNII has worked out suggestions to make technical requirements for instruments more precise. It was found necessary to assist the plants in developing technical measures in order to improve the quality of production. Accordingly, subjects of scientific research were included in the plan of the institute for 1962. It was found necessary for other research institutes to carry out similar work in corresponding branches of industry.

Card 2/2

MARTYNOV, Aleksey Dmitriyevich; KOBYLYAKOV, L.M., red.; DEYEVA, V.M., tekhn.red.

[Correct spacing in checkrowing corn] Pravil'nye kvadraty pri posseve kukuruzy. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 28 p. (MIRA 13:12)

1. Glavnyy inzhener Ministerstva sel'skogo khozyaystva Udmurtskoy ASSR (for Martynov).
(Corn (Maize)) (Planters (Agricultural machinery))

MARTYNOV, A.F., inzh.; SUMIN, I.P., inzh.; ZOL'NIKOV, V.V., inzh.;
FAZALOV, G.T., inzh.; MANUNOV, G.D., inzh.

New method of calculating column charges. Vzryv. delo
no.55/12:29-44 '64. (MIRA 17:10)

BASKIN, V.E., D'YACHENKO, A.S.; MAYKAPAR, G.I.; MARTYNOV, A.I. (Moskva)

Investigating air flows and loads on helicopter rotor blades in a horizontal flight. Inzh. zhur. 3 no.3:446-459 '63. (MIRA 16:10)

(Helicopters)

KRYLOVA, I.A.; ZADIONCHENKO, V.S.; MARTYNOV, A. [illegible]; [illegible]

Polyclinical prevention and ambulant treatment [illegible] of the coronary blood circulation. [illegible] [illegible] 165.

1. Kafedra gospital'noy terapii [illegible] AMN SSSR prof. [illegible].Ye.Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova i poliklinika No.[illegible] (glavnyy vrach Ye.F.Gur'yeva).

MARTYNOV, A. K.

Lobovoe soprotivlenie fiuzeliazha samoleta. Sravnitel'nye ispytaniia fiuzeliazha i ego modelei. Moskva, 1931. 75 p., illus., diagrs. (TSAGI. Trudy, no. 67)

Summary in English.

Title tr.: Aircraft fuselage drag. Comparative testing of fuselage and its models.

QA911.M65 no. 67

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

MARTYNOV, A. [K]

Glisser kak transportnoe sredstvo. /Sea-glider as a means of transportation/. (Vodnyi transport, 1934, no. 12, p. 15-17; illus.).

DLC: HE561.R8

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

[illegible], A[illegible] [illegible] TANTSOVICH.

Issledovanie raboty orerenila samoleta metodom raspredeleniia davleniia. Moskva, 193[illegible]. 38 p., tables, diagrs. (TsAGI. Trudy, no. 163).

Summary in English.

Title tr.: Pressure distribution tests of airplane tail units.

TA911.M65 no. 163

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1965.

MARTYNOV, A.K., and E.I. Kolosov

Materialy po staticheskoi prodol'noi ustoychivosti i upravliaemosti samoleta (raschet operenii). Moskva, 1936. 92 p. tables, diagrs. (TSAGI. Trudy, no. 3

Summary in English.

Bibliographical footnotes.

Prilozhenie: Atlas kharakteristk $C_yC_xC_{sh}$ ispytannykh operenii: p. 57-92.

Title tr.: Some data on the static longitudinal stability and control of airplanes (design of control surfaces).

Supplement: Atlas of characteristics of $C_yC_xC_{sh}$ tested empennages.

TA711. M65 no.278

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1959

MARTYNOV, A. K.

Uluchshenie aerodinamiki nekotorykh chastei seriinykh samoletov. (Tekhnika vozdushnogo flota, 1943, no. 11/12, p. 1-6, illus., diagrs.)

Title tr.: Improvement in aerodynamic efficiency of certain parts of series-produced aircraft.

TL504.T4 1943

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

MARTYNOV, A.K.; OSTOSLAVSKIY, I.V., prof., retsenzent; BURAGO, G.F., prof., retsenzent; ZAKS, N.A., dotsent, retsenzent; STRIZHEVSKIY, S.Ya., dotsent, retsenzent; KOTLYAR, Ya.M., red.; ZUDAKIN, I.M., tekhn.red.

[Experimental aerodynamics] Eksperimental'naia aerodinamika. Moskva, Gos.izd-vo obor.promyshl., 1950. 475 p.
(MIRA 13:7)

(Aerodynamics)

MARTYNOV, A.K.

Rukovodstvo k Prakticheskim Zanyatiyam v Aerodinamicheskoy Laboratorii (A Manual fo. Practical Exercises in the Aerodynamics Laboratory), by A. K. Martynov and D. S. Gorshenin, Moscow, Oborongiz, 1956, 136 pp

This work contains 19 laboratory exercises "most illustrative of the typical aerodynamics experiment." The exercises were designed for the aerodynamics laboratory of the Moscow Aviation Institute imeni Sergo Ordzhonikidze (MAI).

The experiments are titled as follows:

Methods of determining the speed of an air current in a wind tunnel, calibrating a micromanometer; calibrating a nozzle; determining the velocity field in the working part of a wind tunnel; determining the distribution of pressure over the surface of a streamlined body; determining flow turbulence by measuring pressure drop over the surface of a sphere; determining the drag of a sphere and the initial flow turbulence of a wind tunnel; determining the lift, drag, and pitching moment of an airplane or wing on an aerodynamic balance; determining the drag of a turning body (fuselage).

Sum. 1345

MARTYNOV, A. K.

Also, testing an airplane model under longitudinal static stability; testing models of horizontal tail groups to determine the hinging moment of elevators; finding the flow deviation angle and the braking coefficient of tail groups; determining the true static stability of an airplane model; investigating velocities in the boundary layer of a wing; determining the M number of supersonic flow in a wind tunnel and local M numbers on the surface of a wing; obtaining the flow spectra of a wing in a smoke tunnel; finding the profile drag of a wing by the pulse method; testing a propeller operating in place; and determining the characteristics of a propeller in a head-on wind. (U)

S4M. 1345

PHASE I BOOK EXPLOITATION 710

Martynov, Apollinariy Konstantinovich

Eksperimental'naya aerodinamika (Experimental Aerodynamics) 2nd ed., rev. Moscow, Oborongiz, 1958. 348 p. 9,000 copies printed.

Reviewer: Putyata, V. I., Candidate of Technical Sciences; Ed.: Kotlyar, Ya.M., Candidate of Technical Sciences; Ed. of Publishing House: Bogomolova, M.F.; Tech. Ed.: Rozhin, V. P.; Managing Ed.: Sokolov, A. I., Engineer.

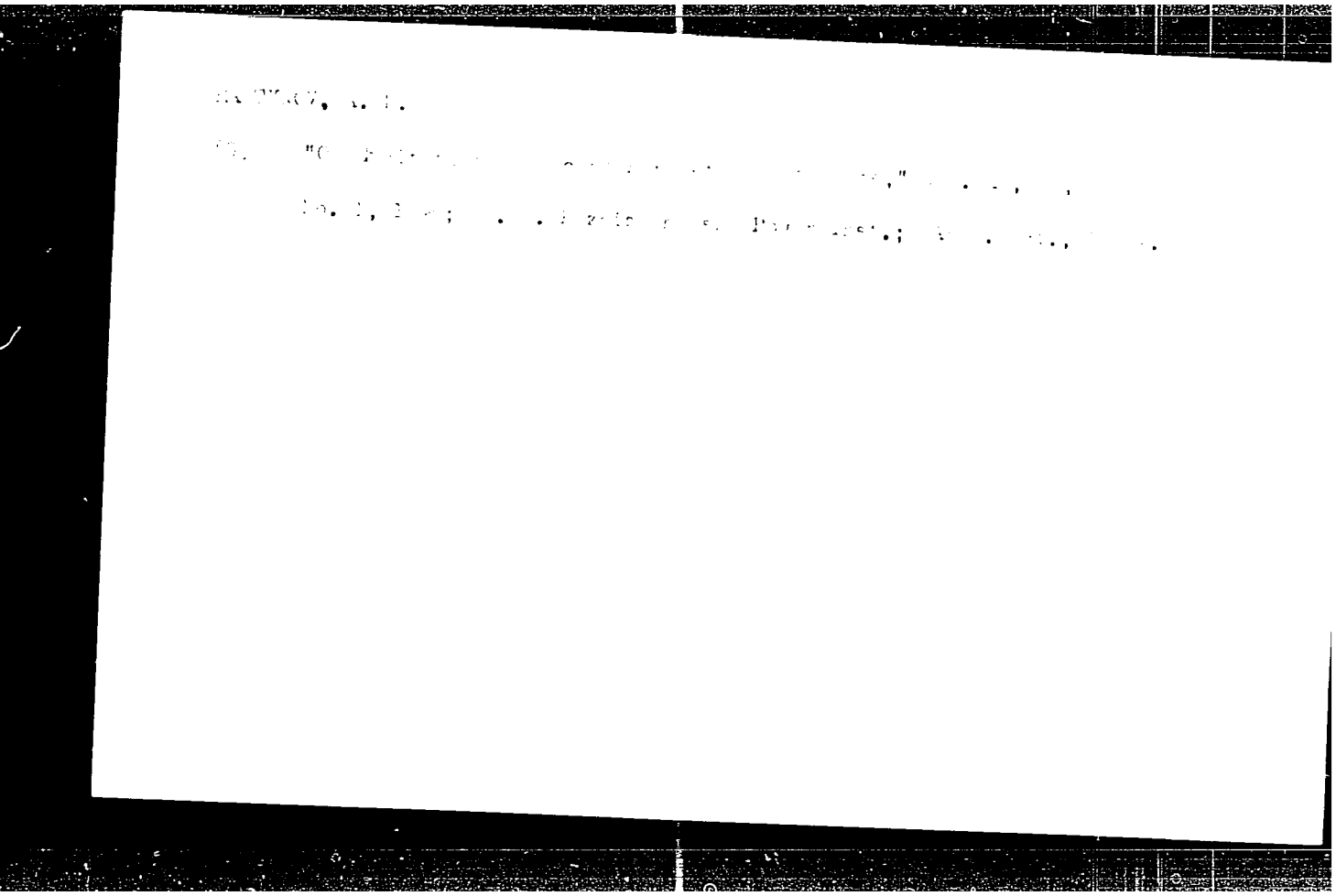
PURPOSE: The book is intended for students of advanced courses at aeronautical institutes and will be useful also to engineers and technicians in factories, design offices, and scientific-research institutes.

COVERAGE: The fundamental problems of experimental aerodynamics are discussed. The book considers consecutively the physical properties of the air, the fundamental theories of airflow, the laws of aerodynamic similitude, methods of measuring aerodynamic forces, moments, pressures and flow velocities, the aerodynamic characteristics of wings and of complete airplanes. The book was written in accordance with the program approved for aeronautical

Card ~~1/12~~

institutes by the Ministry of Higher Education of the USSR. Certain sections of the book have been developed primarily with a view to facilitate self-study of the material. The author thanks V. I. Putyata, Candidate of Technical Sciences, and Ye. K. Fedorov, Docent, for their review of the present edition, and Y. M. Kotlyar for valuable editing advice. There are 18 Soviet references, including 5 translations.

TABLE OF CONTENTS:



MARTYNOV, A.M.

Pa

AUTHOR: ZHEMERIN, R.P., KRUTYSHEV, S.N., MARTYNOV, A.M. (Leningrad)
TITLE: A Parametric Generator
(Parametricheskiy generator, Russian)
PERIODICAL: Elektrichestvo 1957, Nr 1, pp 69 - 71 (U.S.S.R.)
Received 6 / 1957 Reviewed 7 / 1957

ABSTRACT: The parametric 3PG generator finds its practical application as a power supply source for radio technical and other installations with an output from several dozen to several hundred watts. It is an A.C. machine whose ferromagnetic rotor exhibits its own cogged form and which has no windings. The 3PG generator forms its own group of machines. The selfregulation of the generator is investigated and then the working characteristics. The greatest interest for the practical application of the 3PG is its use as a single phase current source with raised frequency in connection with an effective load. The peculiarity of the 3PG with a given torrional moment is that by reducing the effective load R_e hardly changes its speed at all.

The output consumed by the generator, however, appears in itself as loss. The 3PG is very simple in its construction which guarantees its dependability in action. It is practical to use the generator under a work load as a current source of less output (10 - 200 W) with a raised frequency of 400 to 2000 Cycles. A valuable attribute of this generator is the possibility of its application in com-

Card 1/2

A Parametric Generator PA

tion with hard to regulate systems. In these cases the ZPG generator makes it possible to maintain a sufficiently stable voltage by modifying the load from zero to a nominal value (with 6 illustrations).

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED: 29.10.1956
AVAILABLE: Library of Congress

Card 2/2

MARTYNOV, A.M.

Comparison of the accuracy of tracing the relief of flat plain areas on the STD-2 and the SPR-2. Geod.i kart. no.10:34-36 O '62. (MIRA 15:12)
(Photographic surveying—Equipment and supplies)

S/270/63/000/002/008/020
A001/A101

AUTHOR: Martynov, A. M.

TITLE: Application of aerophotogeodetic methods to projecting canals of a drainage network

PERIODICAL: Referativnyy zhurnal, Geodeziya, no. 2, 1963, 20, abstract 2.52.144 ("Tr. Mosk. in-ta inzh. zemleustroystva", 1962, no. 16, 3 - 13)

TEXT: The author proposes to conduct aerial photosurvey on scales 1:5,000 - 1:10,000 at f_k = 70 or 55 mm for projecting the canals of a drainage network. Each stereopair is secured by six double points, or the point heights are taken from maps of the 1:25,000 - 1:50,000 scale. The canals are projected on a topographic stereometer after orientation of photographs with an error up to ±0.05 - 0.06 mm. In plotting lengthwise profiles of canals on the topographic stereometer, longitudinal parallaxes of characteristic points are measured, and their elevations are calculated. The values of adjustment elements of the stereometer are calculated from the differences between the geodetic and photogrammetric heights of reference points, and corresponding corrections are in-

Card 1/2

troduced to other points by means of interpolation. The author presents the results of a work, performed by this method, which reduced the costs by a factor of 1.7. There are 7 references.

I. Mityachkin

[Abstracter's note: Complete translation]

GEBLER, I.V.; MARTYNOV, A.M.; SEVERIN, B.M.; SMOL'YANINOV, S.M.

Effect of pressure and moisture on the properties of peat as a metallurgical fuel. Torf.prom. 36 no.8:16-20 '59.
(MIRA 13:3)

1. Tomskiy politekhnicheskiy institut.
(Peat)

[illegible]/[illegible]
B[illegible]/B147

AUTHORS: Kolesov, V. [illegible]., Martynov, [illegible]. M., Skuratov, S. M.

TITLE: Standard enthalpy of aluminum-fluoride formation

PERIODICAL: Zhurnal neorganicheskoy khimii, v. [illegible], no. [illegible], [illegible], [illegible]

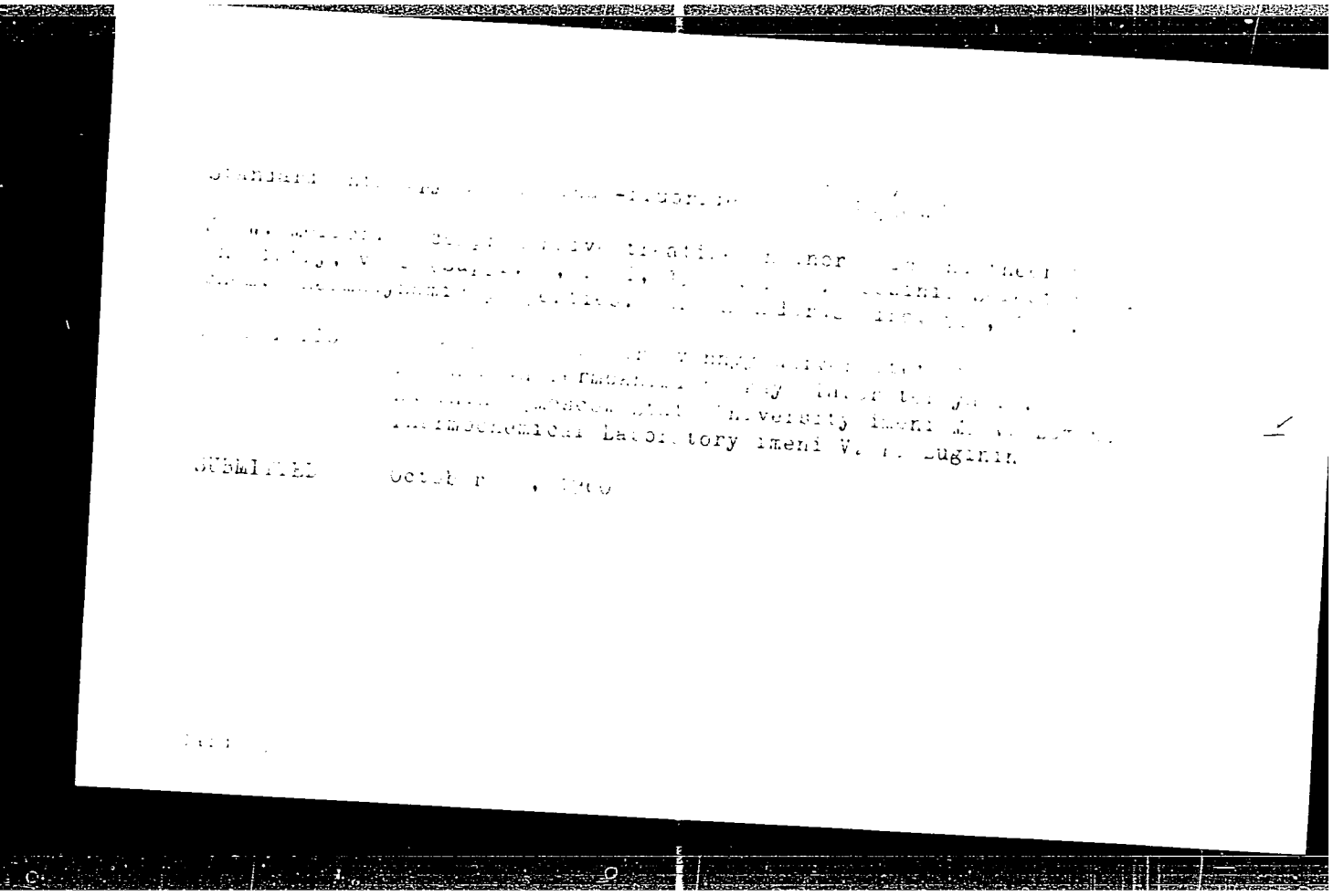
TEXT: The enthalpy $\Delta H^{\circ}_{form}AlF_3$ according to [illegible]. Gross, J. Haymak, [illegible]. Levi (see below) was determined experimentally [illegible] (1). To find out the effect of various factors, the experimental conditions were varied. Lead fluoride was precipitated from pure [illegible] by 4% H_2F_2 (free of SO_4^{2-}, SiF_6^{2-}, [illegible]), filtered off, dried at [illegible], and molten in a dry Ar atmosphere. The purity of Ar was 99.99 or [illegible] (< 0.1 and 0.2 mole% impurity). Experiments were made in a bomb whose mantle temperature was kept constant with an accuracy +0.01 - 0.02°C. The accuracy of measurement of the calorimetric value with empty bomb = 2607.4 ± 1.0 cal/degree was [illegible].

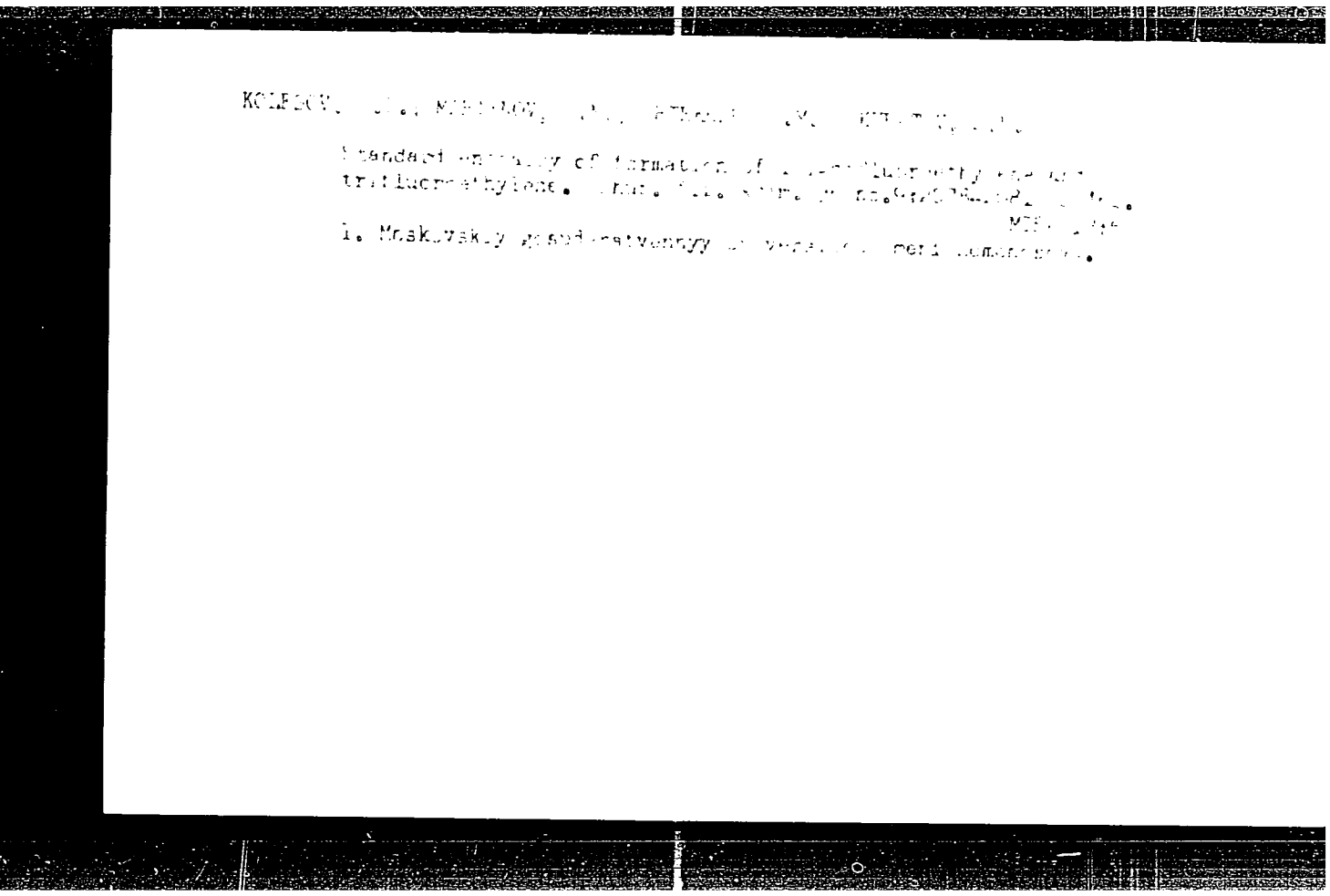
Card 1/3

S/078/6 /006/01 [illegible]
Standard enthalpy of aluminum-fluoride... B110/B147

particle size of the AlF_3 - Al mixture (Al excess: 5 - [illegible]
The bomb was filled with Ar ([illegible] atm [illegible] 5°), the enthalpy [illegible] of (1) was -1 [illegible] kcal. [illegible] assumption that the reaction [illegible] incomplete or that side reactions took place [illegible]. Impurities in Ar, however, [illegible]. The cause for inaccuracy [illegible] nor could [illegible] error in [illegible]. Inaccuracy [illegible] sources. [illegible] ΔH of (1) obtained by the authors in 14 experiments [illegible] -117.7 ± 0.6 kcal, ΔH obtained by Gross et al. in 6 experiments [illegible] -117.7 ± 0. [illegible] kcal. ΔH^0_{form} [illegible] kcal/mole was calcu[illegible] (1) determined, and from ΔH^0_{form} [illegible] = -1[illegible].5 kcal/mole with a probable accuracy of ± [illegible] kcal/mole. The slight deviation from the value calcu[illegible] by Gross et al. is explained by the use of another ΔH^0_{form} [illegible] value.
There [illegible] references [illegible]. The three most recent references to English-language [illegible]: P. Gross, C. Hayman, D. L. Lev[illegible] [illegible]

Card 2/3





KOLESOV, V.P.; MARTYNOV, A.M.; SKURATOV, S.M.

Standard entropy of formation of 1, 1, 1-trifluoroethane. Zhur. fiz. khim. 39 no.2:435-437 F '65. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet imeni [illegible].

[redacted]

MARTYNOV, [redacted].

[redacted]

Industry).

MARTYNOV, A. ' .

"Calculation of Magnetic Saturation in Salient-Pole Synchronous Machines." Sub 23 Dec 51, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

1. ZHITOMIRSKIY, O. R.; MARTYNOV, A. N.

2. USSR (600)

4. Petroleum Industry

7. Comentary on the article by A. N. Glazkov and N. X. Movsesov "Problems in planning and construction of electric power supply to the petroleum industry. Energ.biul. no.7, 1952.

9. **Monthly List of Russian Accessions**, Library of Congress, January 1953. Unclassified.

MARTYNOV, A. N.

Electrical Engineering Abstracts
May 1954
Machines.

1989. Improvement of the method of calculating the no-load characteristics of salient-pole synchronous machines. A. N. MARTYNOV. *Elektrichestvo*, 1954, *No.* 1, 34-41. *In Russian.*

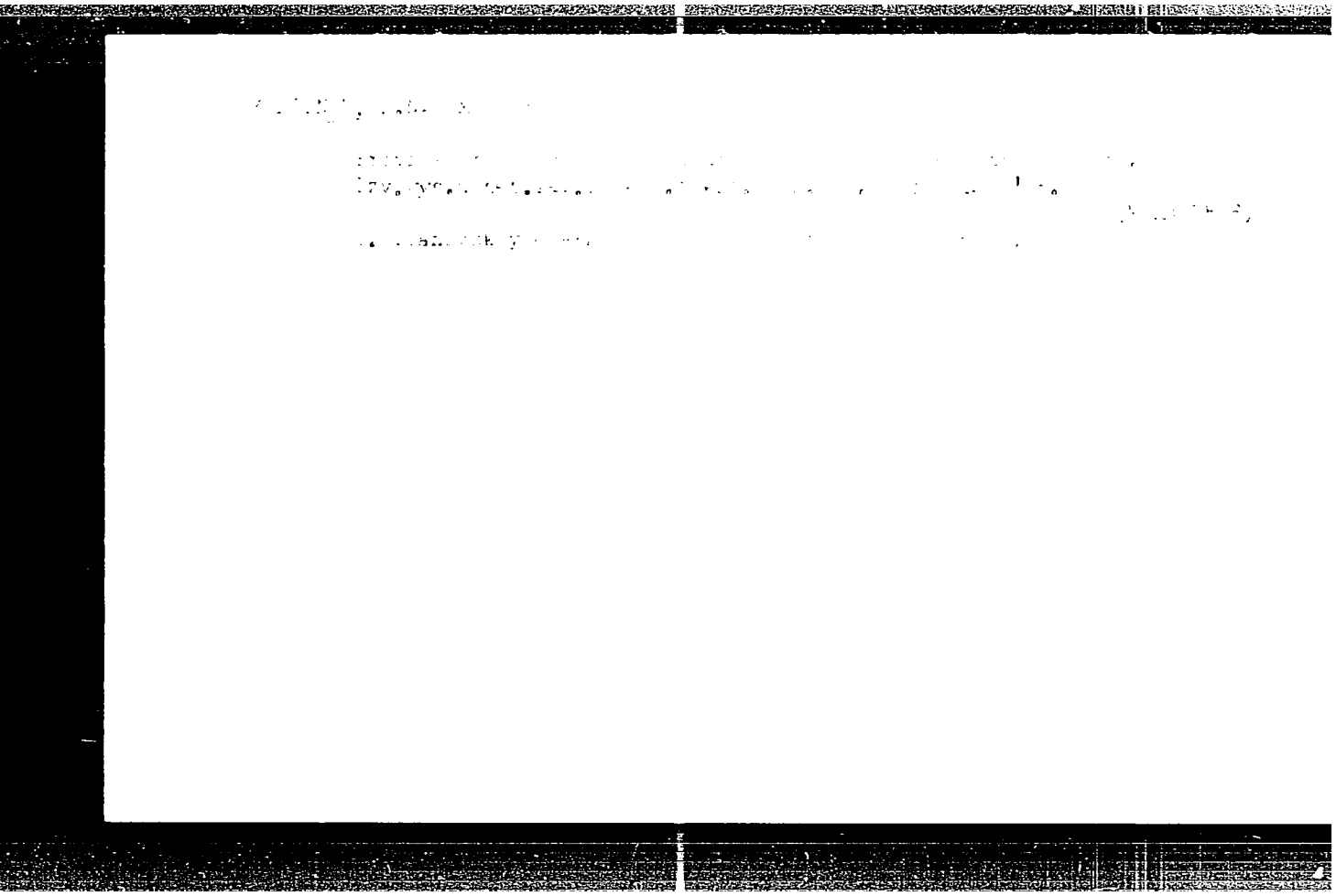
An investigation and comparison of the normal Russian methods of calculating the no-load characteristics, particularly where the determination of fundamental and third harmonic and the resultant flux with consideration of saturation of the stator steel are concerned. More generally useful curves for the determination of the amplitudes of the fundamental and third harmonic of the field and of the resultant flux as functions of the saturation are presented which permit a more accurate prediction of the no-load characteristics of salient-pole alternators. The method presented has marked advantages over Richter's and Viesemann's procedures and correctly considers the flattening of the field curve under the influence of the saturation of the stator iron.

B. F. KRAUS

Ivanov Power Engr Inst. im. Lenin

MARTYNOV, A.N., inzh. lesnogo khozyaystva (Leningrad)

Using arboricides. Zashch. rast. ot vred. i bol. 9 no.8:23 '64.
(MIRA 17:12)



AKHUNOVA, Tursunoy, Geroy Sotsialisticheskogo Truda; ZAKHARENKO, Stanislav Antonovich; LARIKOV, Aleksey Nikiforovich; STEPANOV, M.A., nauchn. red.; TOCHILINA, L.V., red.

[Technology of cotton growing and harvesting] Tekhnologiia vozdelyvaniia i uborki khlopchatnika. Moskva, Vysshaia shkola, 1964. 117 p. (MIRA 17:4)

1. Kolkhoz imeni Kirova Yangiyul'skogo rayona Tashkentskoy oblasti upravleniya (for Akhunova

ОВSISHCHER, Petr Il'ich; KOCHKINA, Nadezhda Nikolayevna; SHATS, S.Ya., kand. tekhn. nauk, retsenzent; MARTYNOV, A.P., inzh., retsenzent; SUKHOMEKHOV, V.P., nauchnyy red.; CHICHKANOVA, V.S., red. izd-va; KONTOROVICH, A.I., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Handbook on transistor diodes and triodes] Spravochnik po poluprovodnikovym diodam i triodam. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 239 p. (MIRA 14:8)
(Transistors—Handbooks, manuals, etc.)

ZINOV'YEV, Vladimir Andreyevich; MARTYNOV, A.P., red.; YEZHOVA, L.L., tekhn. red.

[Theory of mechanisms and machines] Teoriia mekhanizmov i mashin. Izd.3., ispr. i dop. Moskva, Vysshaia shkola, 1963. 200 p. (MIRA 16:7)

(Machinery) (Mechanisms)

PENTKOVSKIY, Nikolay Ivanovich, prof.; MARTYNOV, A.P., red.; VORONINA, R.K., tekhn. red.

[Collection of problems on the carrying out of construction work] Sbornik zadach po proizvodstvu stroitel'nykh rabot. Moskva, Gos.izd-vo "Vysshaia shkola," 1963. 233 p. (MIRA 16:10)

(Building—Problems, exercises, etc.)

KOZLOV, Nikolay Yakovlevich, inzh.; LEVANOV, Nikolay Mikhaylovich, dok.tekhn.nauk, prof.; POLUKHIN, Petr Ivanovich; KRASIL'NIKOV, Aleksey Nikolayevich; PANARIN, Nikolay Yakovlevich; FILIPPOV, Boris Ivanovich; MARTYNOV, A.I., red.; GOROKHOVA, S.S., tekhn.red.

[Technology of the manufacture of vibration rolled elements and their use in the construction industry] Tekhnologiia izgotovleniia vibroprokatnykh konstruktsii i ikh primenenie v stroitel'stve. Moskva, Vysshaia shkola, 1963. 310 p. (MIRA 17:4)

1. Nachal'nik Spetsial'nogo konstruktorskogo byuro Prokatdetal' (for Kozlov, Levanov).

MARTYNOV, A. P.; BATEKINA, Z. I.

Establishing norms for the consumption of materials when overhauling pipelines. Transp i khran nefti no. 11:36-39 '63.
(MIRA 17:5)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i nefteproduktov.

STAROSTIN, Sergey Matveyevich; MARTYNOV, A.P., red.

[Safety measures in enterprises of the precast concrete industry] Tekhnika bezopasnosti na predpriiatiiakh sbornogo zhelezobetona. Moskva, "Vysshaia shkola," 196[illegible]. [illegible] p.
(MIRA [illegible])

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki RSFSR prof., doktor tekhn. nauk; Prinimali uchastiye: MIKUL'SKIY, V.G., kand. tekhn. nauk, dots.; GORLOV, Yu.P., st. prepod.; MARTYNOV, A.P., red.; GARINA, T.D., tekhn.red.

[Laboratory manual for the general course on building materials] Laboratornyi praktikum po obshchemu kursu stroitel'nykh materialov. Moskva, Vysshaia shkola, 1964. 297 p. (MIRA 17:4)

LENSKIY, Vasiliy Alekseyevich; PAVLOV, Vasiliy Ivanovich [deceased]; ABRAMOV, N.N., retsenzent; ZHUKOV, A.I., retsenzent; YAKOVLEV, S.V., retsenzent; LOBACHEV, P.V., retsenzent; KEZVIN, Ye.Ye., retsenzent; TIKUNOV, [illegible], kand. tekhn. nauk, red.; MARTYNOV, A.I., red.

[Water supply and sewerage] Vodosnabzhenie i kanalizatsiia. Izd.3., per. i dop. Moskva, Vysshaia shkola, 1964. 386 p. (MIRA 17:10)

IVANOV, Mikhail Nikolayevich, doktor tekh.nauk, prof.; LEBEDEV, D.A., prof., retsenzent; LARIYNOV, A.I., red.; [illegible], I.I., red.

[Machine parts] Detali mashin. Moskva, Vysshaia shkola, 1963. 446 p. (MIRA 18:2)

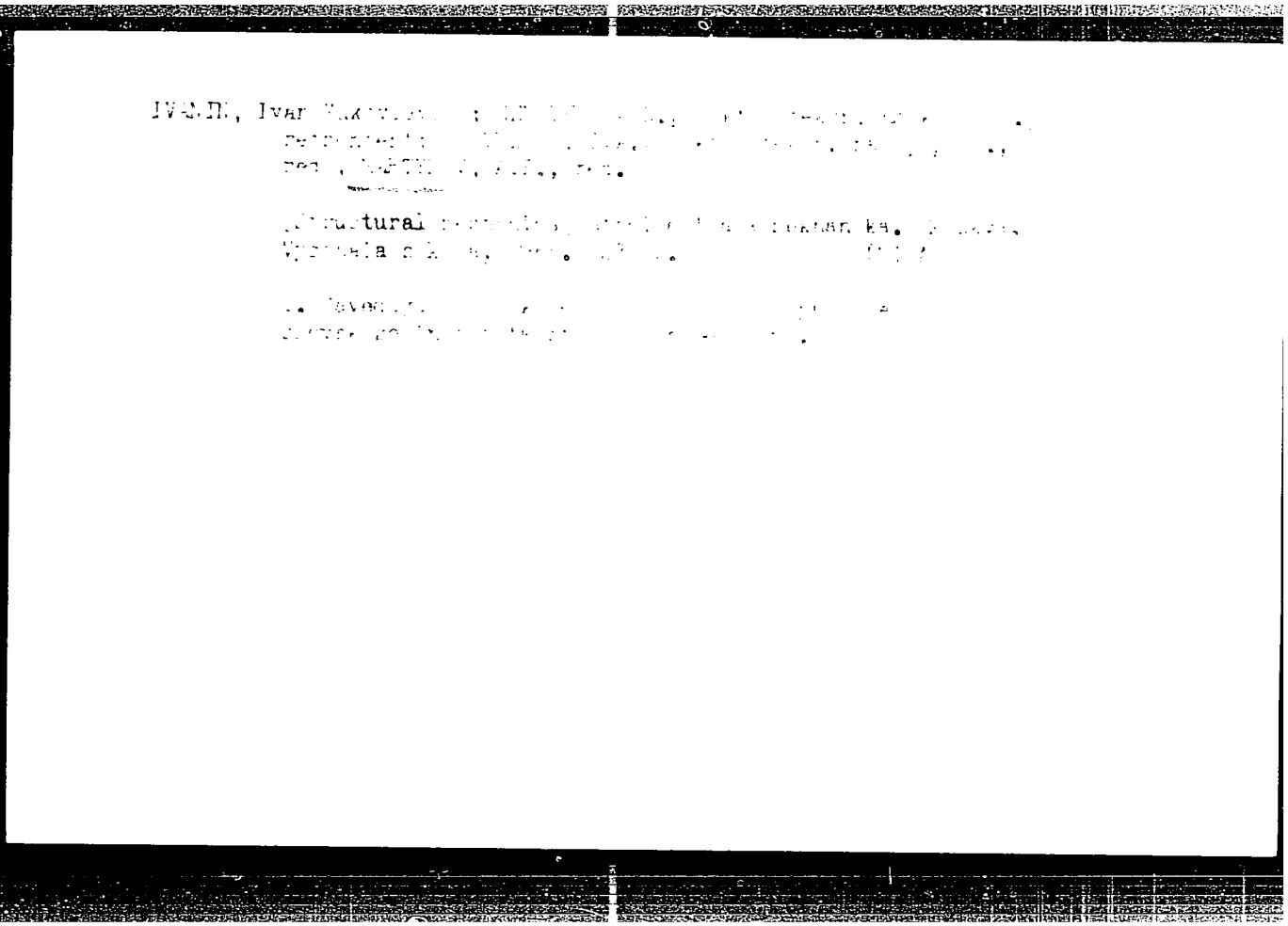
VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki doktor tekhn. nauk prof.; Prinimali uchastiye: FEDOSEYEV, G.P., kand. tekhn. nauk, dots.; ANDRIANOV, K.A., kand. tekhn. nauk; KOSHKIN, V.G., nauchn. sotr., kand. tekhn. nauk retsenzent; MARTYNOV, A.P., red.

[Principles of the technology of plastic building materials] Osnovy tekhnologii stroitel'nykh materialov iz plasticheskikh mass. Moskva, Vysshaia shkola, 1965. 323 p. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov (for Koshkin).

BOBKOV, Anatoliy Sergeyevich, kand. tekhn. nauk, dots., TIUKIN, V.A., prof. [deceased], retsenzent, MALYSHEV, A.I., red.

[Principles of the construction of industrial buildings and structures for the chemical industry] Osnovy stroitel'stva promyshlennykh zdanii i sooruzhenii khimicheskoi promyshlennosti. Moskva, Vysshaia shkola, 1965. 267 p. (MIRA 18:7)



[redacted]

NESTERENKO, Aleksey Vladimirovich, doktor tekhn. nauk, prof.; MARTYNOV, A.F., red.

[Fundamentals of thermodynamic calculations for ventilation and air conditioning] Osnovy termodinamicheskikh raschetov ventiliatsii i konditsionirovaniia vozdukha. Moskva, Vysshaia shkola, 1965. 394 p. (MIRA 18:8)

MARTYNOV, A. S.

Metal Cutting

Shifting cutters for [illegible] and [illegible]. [illegible]

Monthly List of Russian Accessions, Library of Congress, September [illegible]. UNCLASSIFIED.

SERDYUKOV, P. I., Eng., MARTYNOV, A. S.

Rolling-Mill Machinery

Twenty nine-roller straightening machine. Vest. mash., 37, no. , .

Monthly List of Russian Accessions, Library of Congress, October 19 . Unc.

MARTYNOV, A. S.

USSR/Nuclear Physics - Meson scattering

FD-1643

Card 1/1 Pub. 146-3/25

Author : Martynov, A. S.

Title : Scattering of mesons on nucleons in the theory of radiative damping

Periodical : Zhur. eksp. i teor. fiz. 28, 287-290, March 1955

Abstract : The author demonstrates that taking into account of radiative damping improves qualitatively the picture given by the theory of perturbations in the first nonvanishing approximation (appearance of characteristic maxima in the energy behavior of the total cross-section etc.), but all the same does not explain quantitatively the experimental data. He thanks Prof. M. A. Markov and A. M. Baldin for their advice and attention, and also I. A. Lebedeva and L. Ya. Zhil'taova for their numerical computations. Thirteen references, two USSR: G. F. Zharkov, ibid., 27, 296, 1954; V. P. Silin and V. Ya. Faynberg, Usp. fiz. nauk, 50, 325, 1953.

Institution: Physics Institute im. P. N. Lebedev, Academy of Sciences USSR

Submitted : March 9, 1954

GRIGAS, V.A.; GEYER, D.M.; SHENDEROV, A.I.; Martynov, A.S.

Walking, movable equipment. Gor. zhur. no.2:76 F '65.

(MIRA 18:4)

SUKHININ, P.L., prof.; RUSANOV, S.A., prof.; [illegible]
BOLDINSKIY, I.I., dokt'or; VILYA[illegible], V.I., prof.; [illegible]
prof.; LIPSKIY, doktor; GOL'BERG, F.I., dok'tor; [illegible]
VOLCHOK, Ye.V., doktor; MARTYNOV, A.T., doktor, [illegible]
KOTOV, I.A., doktor; SKATIN, L.I., doktor; FIKOVSKIY [illegible]
dotsent; SMIRNOVA, Ye.S., doktor; SMOL'YANNIKOV, A.[illegible]
UKHANOVA, N.V., doktor; PETROV, P.A., prof.

Discussions at the session. Trudy In.t. im. N.I. [illegible]
278-303 '63. [illegible]

1. I gorodskaya bol'nitsa imeni Lenina, Saratov (for [illegible]
2. Kafedra gospital'noy khirurgii lechebnogo fakul'teta
Gor'kovskogo meditsinskogo institu'a (for Boldinskiy).
3. Gosudarstvennyy onkologicheskiy institut imeni [illegible]
Moskva (for Smirnova).

RUDAKOV, Ya.D., inzh.; SHEVCHENKO, Ye.M., inzh.; MARTYNOV, A.V.

Use of the scavenging slime of clarifying agents for neutralizing the acid waters of chemical desalting systems. Elek. sta. 32 no.12:59-60 D '61. (MIRA 15:1)
(Feed-water purification)

RUDAKOV, Ya. D., inzh.; MARTYNOV, A. V., inzh.; KUZNETSOVA, V. V., inzh

Admixture of caustic magnesite in burning mazut. Elek.sta. 32 no.9: 29-31 S '61. (MIRA 14:10)
(Boilers—Incrustations)
(Petroleum as fuel)

RUDAKOV, Ya.D., inzh.; MARTYNOV, A.V., inzh.; KUZNETSOVA, V.V., inzh.

Fuel oil department of a thermal electric power plant. Energetik 11 no.4:11-13 Ap '63. (MIRA 16:3)
(Electric power plants)
(Petroleum as fuel)

MARTYNOV, A. V.

MARTYNOV, A. V. -- "On the Local Boundless Divisibility of the Markov Processes." *(Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institutions)(29) Moscow Order of Lenin and Order Labor Red Banner State U imeni M. V. Lomonosov, Mechanical-Mathematical Faculty, Moscow, 1955

SO: Knizhnaya Letopis' No 29, 16 July 1955

* For the Degree of Candidate in Physicomathematical Sciences

AUTHOR MARTYNOV A.V. PA - 3035

TITLE On the Locally Unlimited Divisibility of the MARKOV Processes. (O lokal'noy bezgranichnoy delimisti Markovskikh protsessov.- Russian)

PERIODICAL Doklady Akademii Nauk SSSR 1957, Vol 113, Nr 4, pp 732-735 (USSR).

Received: 6/1957 Reviewed: 7/1957

ABSTRACT As is known, the MARKOV processes, which are homogeneous with respect to space and time are unlimitedly dividable, i.e. the logarithm of the characteristic function of the transition probability of such a process is represented by the formula of LEVI-HINCHIN. The present paper applies a variety of this fact to the stochastic processes of the general type, as e.g. to MARKOV processes which are inhomogeneous with respect to space and time.

First, the conceptions of the differentiability from the right and the differentiability from the left of the totality of the distribution functions are defined. The present paper gives some theorems and corollaries, as e.g.:

Theorem 1: If the totality of the distribution functions $\{P(t,x)\}$ with the parameter $t \in T$ at the point t_0 is different-

CARD 1/3

PA - 3039

On the Locally Unlimited Divisibility of the MARKOV Processes.

Theorem 2: deals with the necessary conditions for the right- and left-side differentiability of the transition probability $P(t, x, t, A)$ with the parameter $t \in T$.
Theorem 3: deals with the demands made on smoothness, which are to be imposed upon the transition distribution functions of a MARKOV process for the purpose of warranting the differentiability of this process in the case of homogeneity with respect to time.
Theorem 4 is a generalization of the formula by LEVI-KHINCHIN for spatially inhomogeneous processes.
Altogether seven theorems are given
(No Illustrations)

ASSOCIATION:
PRESENTED BY: A.N. KOLMOGOROV, member of Academy, 30.10.19..
SUBMITTED: 22.10. 1956.
AVAILABLE: Library of Congress.

CARD 3/3

AUTHOR: Martynov, A.V.

TITLE: An Installation for Checking the AIT Apparatus (Ustanovka dlya poverki apparatov tipa AIT)

SOV/115-58-1-29/50

PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 1, p 57 (USSR)

ABSTRACT: The article describes and illustrates a stationary check installation for "AIT" apparatus designed by the author and used by the Electrical Measurement Laboratory of the Khar - kov State Institute of Measures and Measuring Devices (KhGIMIP). This new installation eliminates the assembling of many different connection diagrams for revealing the errors in the separate measuring parts of transformers as the directive "183-54" of the Committee of Standards Measures and Measuring Devices requires. It checks 11 different functions. There is 1 diagram.

1. Recording devices--Performance 2. Measurement--Equipment
3. Transformers--Analysis

Card 1/1

MARTYNOV, A. V.

Weakly continuous semigroups of operators. Trudy Sem. po funk. anal., no. 3/4:103-114 '60.
(Operators (Mathematics)) (Topology) (MIRA 14:10)

GONCHAROVA, I. F. (Voronezh); MARTYNOV, A. V. (Voronezh)

A practical method for the automatic selection of scales in solving systems of ordinary differential equations. Zhur. vych. mat. i mat. fiz. 2 no.5:921-924 S-O '62.
(MIRA 16:1)

(Programming(Electronic computers))
(Differential equations)

35319

S/103/62/023/[illegible]
D230/D301

16 6800 (1250, 1327, 1329, 2703)

AUTHORS: Kosarev, A.A., Martynov, A.V., and Yakunina, L.I. (Voronezh)

TITLE: A method of calculating complex roots of algebraic equations by means of a simulator

PERIODICAL: Avtomatika i telemekhanika, v. 23, no. [illegible], 1962, 165 - 168

TEXT: A method is proposed for determining all complex roots without a shift in the level, distortion or readjustment of the circuit; the results thus obtained have adequate accuracy. The scaling of the variables, an important factor in simulating, is examined and certain recommendations are made. The method is developed on the basis of the equation $x^n + a_1 x^{n-1} + \ldots + a_n = 0$; all complex roots are found by means of a simulator of a general form. Boundaries defining the root distribution for the model equation and root-locating areas are discussed. Using the method proposed it is necessary that in evaluating complex root values the real quantities

Card 1/2

found first, for this purpose another method is developed with [illegible] real roots can be found using simulators. The existence [illegible] scale considerably improves the root determination accuracy. The time taken to evaluate all complex roots of the form of [illegible] above was 20 mins. The more important circuit parameters are [illegible] dered in detail. The method is exemplified on a number of [illegible] and special cases for which the maximum errors are of the order [illegible] 9 % for the real part, and 10 % for the imaginary part. There are 10 references: 7 Soviet-bloc and 3 non-Soviet-bloc. The reference to the English-language publications read as follows: M. Silverberg, J. Riordan, Mathematic Tables and Other Aids to Computation, [illegible] VII, no. 41, January 1953, R. Serrell, E. Goldberg, Polynomial [illegible] tion Solver, Radio Corporation of American Office Bulletin [illegible] no. 3.

SUBMITTED: June 11, 1961

Card 2/2

BRODYANSKIY, V.M., kand.tekhn.nauk; MARTYNOV, A.V., inzh.

Method for the thermodynamic analysis of losses in a steam ejector cooling system. Izv.vys.ucheb.zav.; energ. 5 no.5:76-83 My '62. (MIRA 15.5)

1. Moskovskiy ordena Lenina energeticheskiy institut.
(Refrigeration and refrigerating machinery)

BRODYANSKIY, V.M., kand.tekhn.nauk; MARTYNOV, A.V., inzh.

Thermodynamic analysis of losses in a steam-ejection refrigeration system. Izv.vys.ucheb.zav.; energ. 5 no.11:74-83 N '62.
(MIRA 15:12)

1. Moskovskiy ordena Lenina energeticheskiy institut.
(Refrigeration and refrigerating machinery)

Z/019/63/020/002/002/006
E073/E335

AUTHORS: Kofman, L.M., Rudakov, Y.D., Martynov, A.V., Fisher, N.A. et al

TITLE: Increase in the steam super-heating temperature and its regulation in a fuel oil-fired boiler by recirculating the flue gases

PERIODICAL: Energetika a elektrotechnika. Přehled technické a hospodářské literatury, v. 20, no. 2, 1963, 63, abstract E63-823 (Elektricheskiy stantsii, 33, no. 6, 1962, 14 - 17)

TEXT: Describes the adaptation of a boiler, originally intended for burning hard coal, to take fuel oil. A higher temperature of superheated steam, and its requisite regulation were achieved by recirculating flue gases drawn from behind the "additional" surfaces back to the hearth. Measurements on the reconstructed boiler (with various degrees of recirculation) confirmed the effectiveness of the adaptation. Three figures, one table.
[Abstracter's note: complete translation.]

Card 1/1

ACCESSION NR: AR4042226 S/0124/64/000/006/B047/B048

SOURCE: Ref. zh. Mekhanika, Abs. 6B288

AUTHOR: Marty*nov, A. V.; Brodyanskiy, V. M.

TITLE: The Rank-Hilsch effect during high gas pressures

CITED SOURCE: Tr. Konferentsiya po perspectivam razvitiya i vnedreniya kholodil'n. tekhn. v nar. kh-vo SSSR, 1962. M., Gostopgizdat, 1963, 229-233

TOPIC TAGS: gas pressure, vortex tube, gas throttling, Rank Hilsch effect

TRANSLATION: Theoretically investigates work of a vortex tube (vortex refrigerator) in the region of high gas pressures. Clarifies influence of the throtting effect on temperature characteristics of a vortex tube. Shows that with an initial pressure of up to 6 atm (abs) with accuracy sufficient for practical calculations it is possible to disregard influence of throttling of gas on the vortex effect. However with increase of initial pressure from a definite moment the influence of trottling becomes practically noticeable. Therefore for gases, having a positive

Card 1/3

ACCESSION NR: AR4042226

Joule-Thomson effect ($\alpha_i > 0$), the temperature effect with respect to a cold flow ($\Delta T_c = T_1 - T_c$) increases, and the temperature effect of a hot flow ($\Delta T_h = T_h - T_1$) decreases. Thus, for methane, with increase of initial pressure from 6 to 146 atm (abs), ΔT_c correspondingly increases from ~35° to ~60° (in the share of cold flow $\mu = 0.5$). Here ΔT_h simultaneously decreases from ~34° to 0°. Thus, with a value of μ smaller than a certain magnitude, the magnitude ΔT_h has a negative value, that is, the hot flow not only is not heated, but, to the contrary, is cooled. For gases having at normal temperature a negative Joule-Thomson effect (hydrogen, helium), throttling decreases the magnitude ΔT_c and increases ΔT_h. Assuming that with a subcritical and critical pressure drop expiration of gas from the nozzle of the vortex tube occurs with transonic or sonic speed, that distribution of tangential speeds of flow in the nozzle section is close to the law of revolution of a solid body, and that distribution of thermodynamic temperature in this section satisfies the law T = idem, the authors obtain a formula by which, with accuracy necessary for practical calculations, one can determine the magnitude of the temperature effect ΔT_c of a vortex tube

$$\Delta T_c = \Delta T_1 + \Delta T_t - \frac{A(U_1^2 + U_2^2)}{2gc_p}$$

Card 2/3

ACCESSION NR: AR4042226

where ΔT_1 is lowering of temperature with isentropic expansion of gas from initial pressure to p_k, ΔT_t is lowering of temperature due to further throttling to p_c; $\overline{U}_t$, $\overline{U}_a$ are, correspondingly, the mean values of tangential and axial speeds of cold flow. It is noted that values of the Rank-Hilsch temperature effect, obtained from this formula, sufficiently well coincide with experimental data both at low, and also at high gas pressures. There is conducted thermodynamic comparison of three processes of expansion of gas (throttling, expansion in vortex tube and expansion in a compressed gas machine). Shows that throttling in all cases is the least effective process. A vortex tube in efficiency is between the throttle and the compressed gas machine, it is 2.5 times as effective as the throttle. Notes that an essential advantage of vortex expansion before throttling is the fact that a vartex tube allows one to obtain, without application of machines, significant cooling of gases with a negative Joule-Thomson effect (hydrogen, helium). The greatest cooling of these gases can be reached with high initial pressures, using cascade expansion. Bibliography: 8 references.

SUB CODE: ME ENCL: 00

Card 3/3

L 10692-63

ACCESSION NR: AP3001612 S/0064/63/000/004/0032/0036

AUTHOR: Brodyanskiy, V. M.; Leytes, I. L.; Martynov, A. V.; Semenov, V. P.; Ostrin, S. M.

TITLE: Application of vortex effect in chemical engineering

SOURCE: Khimicheskaya promyshlennost', no. 4, 1963, 32-36

TOPIC TAGS: vortex effect, vortex tube

ABSTRACT: A survey of what has been done up to now with respect to the application of the vortex effect in chemical engineering. Authors define vortex effect as the division of gas into cold and hot flows during its expansion in the vortex tube. Various types of vortex tubes are discussed. Authors made a number of tests wherein they checked the characteristics of a vortex tube at different pressures under production-line conditions. This tube had a 40 mm diameter, two right-angled nozzles with spiral inlets. Interchangeable diaphragms of 18, 20, and 22 mm were used. The gas temperature at the inlet was 34-40C. Gas expenditure was 840-460 normal cubic meters per hour. The results are summarized in graphs which are discussed in detail. Treatment is mathematical

Card 1/2

BRODYANSKIY, V.M.; LEYTES, I.L.; MARTYNOV, A.V.; SEMENOV, V.P.; ESTRIN, S.M.

Use of the vortex effect in chemical technology. Khim. prom. no.4:272-276 Ap '63. (MIRA 16:8)

MARTYNOV, A.V., inzh.; BRODYANSKIY, V.M., kand. tekhn. nauk

Separation of gas mixtures in a vortex tube. Trudy MEI no.48: 148-150 '63. (MIRA 17:6)

KOLYSHEV, V.I.; SHCHERBA, N.V.; MARTYNOV, N.V., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Manual for foremen of asphalt-concrete plants] Posobie dlia mastera asfal'tobetonnogo zavoda. Moskva, Dorizdat, 1952. 100 p. (MIRA 16:8)

(Asphalt concrete)

MARTYNOV, N.V.; SIMONENKO, P.K.; SHASHKOV, S.M.; BOLOGINA, N.I., redaktor; GALAKTIONOVA, Ye.N., tekhnicheskiy redaktor

[Computation of road machinery performance] Uchet raboty dorozhnykh mashin. Moskva, Izd-vo dorozhno-tekhn. lit-ry Gushosdora MPS, 1953. 190 p. [Microfilm] (MLRA 7:10)
(Road machinery--Tables, calculations, etc.)

GRIGORENKO, Mikhail Grigor'yevich; KASIMOV, S.A.; KOZLOVSKIY, G.B.; MARTYNOV, N.V.; MUSTAFIN, G.A.; NEMIROVSKIY, Ya.I.; FEYGIN, L.A.; KRIMERMAN, M.N., inzhener, redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[Road building machinery] Dorozhnye mashiny. Moskva, Avtotransizat Ministerstva avtomobil'nogo transporta i shosseinykh dorog SSSR. Pt. 2. 1954. 283 p. (MLRA 8:2)
(Road machinery)

MARTYNOV, N.V.; ZAVADSKIY, Ye.I.

Mobile greasing station. Avt.dor.18 no.1:23-24 Ja-F '55.
(Road machinery) (MLRA 8:4)

MARTYNOV, N.V.

Speed up the over-all mechanization of cotton growing. Trakt. i sel'khozmash. 31 no. 5:2-3 My '61. (MIRA 14:5)

1. Predsedatel' Soveta narodnogo khozyaystva Uzbekskoy SSR.
(Cotton machinery)

PIKOVSKIY, Ya.M., kand. tekhn. nauk; VASIL'YEV, A.A., inzh., retsenzent; MARTYNOV, N.V., inzh., retsenzent; MARTYNOV, N.V., inzh., red.; TOPOL'NITSKAYA, L.P., inzh., red.

[Operating road machinery] Ekspluatatsiia dorozhnykh mashin. Moskva, Izd-vo "Transport," 1964. 374 p. (MIRA 17:4)

BROVERMAN, Feokist Georgiyevich; MARTYNOV, Nikolay Yakovlevich; SHAKHOVA, L.I., red.; PEREDERIY, S.P., tekhn. red.

[Training electricians to service equipment in mines for automatic control, CTC, and communication] Podgotovka shakhtnykh elektroslesarei po obsluzhivaniiu sredstv avtomatizatsii, STsB i sviazi. Moskva, Proftekhizdat, 1962. 91 p. (MIRA 16:4)

1. Direktor tekhnicheskogo uchilishcha No.15 goroda Gorlovki (for Martynov). 2. Zamestitel' direktora po uchebno-proizvodstvennoy rabote technicheskogo ucnilishcha No.15 goroda Gorlovki (for Broverman).

(Mine railroads--Signaling--Centralized traffic control)
(Mine communications) (Automatic control)

MARTYNOV, O.V.; USTYUZHANIN, V.N.; NECHAYEV, L.S.; GORLOV, S.M.

Smelting and continuous pouring of steel 20 in ingots with a cross sectionof 280x320 mm. Metallurg 8 no.12:13-15 D '63. (MIRA 17:4)

1. Novotul'skiy metallurgicheskiy zavod.

MARTYNOV, P., tekhnik

New developments in the lumber yard. Mast. ugl. 8 no.5:14 My '59. (MIRA 12:8)

1.Belovskoye stroitel'noye upravleniye, Kuzbass.
(Coal mines and mining--Equipment and supplies)

MARTYNOV, P.; LUSHNIKOV, O., inzh., VASIL'YEV, N.; BEKHTEREV, Yu.; RUPANOV, G.

Behind the gates of service stations. Za rul. 18 no.6:14-16 Je '60. (MIRA 13:8)

1. Sotrudnik Gosavtoinspektsii (for Martynov). 2. Sotrudnik Moskovskogo inzhenerno-ekonomicheskogo instituta im. Sergo Ordzhonikidze (for Lushnikov).
(Moscow--Service stations)

MARTYNOV, P.

Soilless culture of plants. Tekh.mol. 28 no.5:4,19 '60.
(MIRA 13:7)

(Plants, Soilless culture of)

ARKHANGEL'SKIY, P.Ye., inzhener; ARKHIPOV, P.P., inzhener; VAS'KOV, M.P., agronom; ZHMUDSKIY, D.A., arkhitektor; IVANOV, A.P., arkhitektor; KIBIREV, S.F., arkhitektor; KRYLOV, N.V., inzhener-arkhitektor; KULAKOV, D.V., arkhitektor; MARTYNOV, P.F., inzhener; NIKIFOROV, V.S., inzhener; NOSKOV, B.G., arkhitektor; PETUKHOV, B.V., kandidat tekhnicheskikh nauk; RUDANOV, M.L., kandidat tekhnicheskikh nauk; RYAZANOV, V.S., kandidat arkhitektury; SOKHRANICHEV, N.S., inzhener-arkhitektor; TARASOV, D.I., arkhitektor; SHMIDT, N.E., kandidat arkhitektury; KHOMUTOV, Ye.Ye., arkhitektor; VOL'FOVSKAYA, V.N., redaktor; FEDOTOVA, A. F., tekhnicheskiy redaktor.

[Handbook on the construction of farm buildings] Spravochnik po sel'skokhozyaistvennomu stroitel'stvu. Avtorskii kollektiv: P.E.Arkhangel'skii i dr., avtor-sost. N.V.Krylov. Moskva, Gos.izd-vo sel'khoz.lit-ry. Vol.3 1955. 843 p. (Farm buildings) (MLRA 9:6)

FRIDKIN, A.Ya., inzh.; MARTYNOV, P.F., inzh.

Crane tracks on reinforced concrete crane girders. Prom. stroi. 40 no.2: 44-46 '62. (MIRA 15:7)
(Beams and girders) (Cranes, derricks, etc.)

MARTYNOV, P.I.

Migration of the Baikal hair seal into the Upper Angara River. Kraeved. sbor. no.6:109-110 '61. (MIRA 15:2)
(Upper Angara River—Seals (Animals))

MARTYNOV, P.I.

Several data on the economics of seal fisheries on Lake Baikal.
Trudy BKNII no.5:154-163 '61. (MIRA 18:2)

1. MARTYNOV, P. Eng.

2. USSR (600)

4. Kilns

7. How to use liquid fuel for burning brick, tile and lime in ground-type kilns. Sel'. stroi. 2 no.5, 1947

9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

1. MARTYNOV, P., Eng.

2. USSR (600)

4. Portland Cement

7. Producing portland cement locally. Sel'.stroi. 3 no. 3, 1947.

9. Montly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

MARTYNOV, ENG. P. T.

Furnaces

Redesigning the boiler cinder bin. Rab. energ. 2 no. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, November 1952. Uncl.

MARTYNOV, P., inzhener.

Use of fuel waste products in kilning bricks, tiles, and lime in ground-type furnaces. Sel'.stroi.8 no.6:21-23 N-D '53. (MLRA 6:11)
(Kilns)

MARTYNOV, Pavel Timofeyevich; NOVIKOV, G.M., inzhener, nauchnyy redaktor; BEGAK, B.A., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Building with adobe materials in the areas of reclamation of virgin and idle lands] Stroitel'stvo iz glinosyrtsovykh materialov v raionakh osvoeniia tselinnykh i zalezhnykh zemel'. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1954. 79 p. (MLRA 8:7)
(Building, Adobe)

MARTYNOV, P., inzh.

Using reed reinforcements in building. Sel'. stroi. 9 no.5:17-19 Ag '54. (MIRA 13:2)
(Farm buildings) (Reed (Botany))

MARTYNOV, P.T., inzhener; RAZGIL'DEYEV, M.F., inzhener, redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Production of prefabricated concrete enclosures (sides) for hotbeds] Proizvodstvo sbornykh betonnykh ograzhdenii (parubnei) parnikov. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1955. 26 p. (MLRA 8:8)

1. Russia (1917- R.S.F.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. Tekhnicheskiy otdel.
(Hotbeds)