GRIGO VERY, P.P.; SHIROYOY, A.P.

Construction versueters of a disk outtor with radially discound outtime marts. Trudy KOHPI no.12:203-158 453 [publ. 455]. (MIR-10:31) (Outtin versions)

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Galeen MER, Alekacy Minagloylek

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GMTGCCTYWW, Aleksey Mikhaylovich (Kazan' Technologic 1 Inst Imeni Mirov), Academic degree of Doctor of Technical Sci, based on his defense, 19 April 1995, in the Council of the Moscow Feat Inst, of his dissertation catitled: "Freelens of Int raction of Machines with Fest Strata." For the Academic Degree of Doctor of Colences.

SC: Byndleten' Ministurstva Vysshego Obrazovaniy, SC B, 1121 No. 4, 17 March 1956, Decision of Higher Certification Commission Concerning Academic Degrees and Titles

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681 and the second se وواحيات العربين المريوس فالمتحدث والوادان ال • • * SOV/124-57-4-4780 A Photoelasticity Method for the Investigation of Slopes and Drains distances from the edge of the drain. The above-mentioned investigations made .t possible for the authors to recommend optimum parameters for canals and drains to avoid the danger of a collapse of their edges during excavation by machines equipped with caterpillar treads. Bibliography: 19 references. B. M. Zuyev Card $\frac{2}{2}$

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REARING BRANCH BRANCHERS

AUTHOR:	Grigor'yev, A.M., Dutor of Technical Sciences
TITLE:	
	A letter to the editor on the problem of instruction in "Machine Parts"
ERIODICAL:	Vestnik Vysshey Shkoly, March 1957, # 3, p 51-53 (USSR)
ABSTRACT: Card 1/2	With reference to Professor N.A.Spitsyn's article in this journal, # 6, 1956, the author expresses the opinion that the supply of instructional literature will considerably im- prove training in "Machine Parts". The higher technical schools have at present 2 training manuals - one written by Professor V.A.Dobrovol'skiy and the other by an authors' collective under the editorship of Professor N.I.Kolchin. The author maintains that this is by far an insufficient number of manuals and that quite acceptable manuals could be prepared by the teaching personnel of the respective pro- fessorial chairs. He further claims that atlasses of Soviet and foreign machine tools, automats, textile machines, of agri- cultural machine building, power machine construction, trans- port and heavy machine construction etc. are not available and states that the Ministry of Higher Education should







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L 65038-65 = EWP(e)/EWT(m)/EPF(c)/EWP(1)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/ETC(m)/EWP(w))	
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	()	•
ACCESSION NR: AP5020775 UR/0226/65/000/008/0082/0086		•
AUTHOR: Zozulya, V. D.; Grigor'yey, A. M.		
TITLE: Choice of lubricating oils for graphite iron sliding bearings B	. * !	
Parallel and realing one for graphite from sliding bearings		
SOURCE: Poroshkovaya metallurgiya, no. 8, 1965, 82-86		
	•	*
TOPIC TAGS: lubrication, lubricating oil, graphite, iron, roller bearing,		
friction coefficient, bearing steel/45 steel, ZhGr-20PF bearing //		
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ABSTRACT: Several types of industrial lubricating oil were tested in conjunction		
"I'm graphice from bearings." In addition to the friction coefficient at a second	· · ·	•
pressure at which the oil film or the friction surfaces are destroyed, the wear of the rubbing pieces, the termination is in the termination in the surfaces are destroyed, the wear of	•	
the rubbing pieces, the temperature in the friction zone, and the dependence on		
the type of oil were also determined. The tests were made on an <u>Mi-1-M</u> friction		
machine by the standard method, at a sliding rate of 0.9 m/sec. The friction	· · ·	
pair consisted of rollers made of normalized 45 steel and an iron graphite bearing		
of Type ZhGr-20PF, of ferritic-pearlitic structure with free inclusion of graphite.		
During the tests, the temperature in the friction zone and the friction coefficients for $1/2$	-	
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ACCESSION NR: AP5020775 were determined as a function of the specific pressures. The period of time be- tween loadings was determined by stabilization of the moment of friction and the temperature. The amount of lubricant fed to the friction zone was 15 drops per minute. It was observed that the bearing capacity of iron graphite bearings lubri- cated with unpurified lubricants was from one and one-half to two times greater than with lubrication with purified distillates. This is explained by the presence in the unpurified products of oxygen containing products which, together with the graphite bearing, form a pasty lubricant which safely separates the friction sur- faces. Further increase of the specific pressures leads to a sharp increase in the friction coefficients and the temperature. Under these circumstances, the authors believe that the reason for the worsening of the antifriction properties must be sought in the loss of capacity of the lubricating layer rather than in the materials of construction. Orig. art. has: 5 figures ASSOCIATION: Institut problem materialovedeniya AN UkrSSR (Institute of Pro- blems of Materials Processing, AN UkrSSR) SUBMITTED: 19Mar64 NR REF SOV: 008 OTHER: 000 Powder Metallurgy Card 2/2	l 65038-65		· · ·		
tween loadings was determined by stabilization of the moment of friction and the temperature. The amount of lubricant fed to the friction zone was 15 drops per minute. It was observed that the bearing capacity of iron graphite bearings lubri- cated with unpurified lubricants was from one and one-half to two times greater than with lubrication with purified distillates. This is explained by the presence in the unpurified products of oxygen containing products which, together with the graphite bearing, form a pasty lubricant which safely separates the friction sur- faces. Further increase of the specific pressures leads to a sharp increase in the friction coefficients and the temperature. Under these circumstances, the authors believe that the reason for the worsening of the antifriction properties must be sought in the loss of capacity of the lubricating layer rather than in the materials of construction. Orig. art. has: 5 figures ASSOCIATION: Institut problem materialovedeniya AN UKrSSR (Institute of Pro- blems of Materials Processing, AN UKrSSR) SUBMITTED: 19Mar64 NR REF SOV: 008 OTHER: 000	ACCESSION NR: AP5020775		3		
	tween loadings was determined temperature. The amount of minute. It was observed that cated with unpurified lubrican than with lubrication with pur in the unpurified products of of graphite bearing, form a past faces. Further increase of th the friction coefficients and the authors believe that the reaso must be sought in the loss of of materials of construction. On ASSOCIATION: Institut proble blems of Materials Processin SUBMITTED: 19Mar64	ad by stabilization of the momen lubricant fed to the friction zon the bearing capacity of iron gr its was from one and one-half t ified distillates. This is expla bygen containing products which y lubricant which safely separate the specific pressures leads to a the temperature. Under these c is for the worsening of the antific capacity of the lubricating layer rig. art. has: 5 figures an materialovedeniya AN UkrSt g. AN UKrSSR) ENCL: 00 SUB	nt of friction and the ne was 15 drops per raphite bearings lubri- to two times greater ined by the presence ch, together with the ates the friction sur- a sharp increase in circumstances, the friction properties r rather than in the state of Pro-		
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308-120-53-3-24/33 AUTHORS: Gribor'yev, A. M. Knevkin, L. P., Tsybira, N. V. TITLE: Measurement of Pressures from U.1 to 5 an He Using a Theraocouple Gauge (Issereniye davleniy of 0.1 do 5 mm rt. st. termoparnym manometrom) PERIODICAL: Fribory i Tekhnik: Ecoberiments, 1990, Nr 5, pp 97-99 (USSR) ABSTRACT: A simple hot-wire grage working tt wire temperatures below 150% is fitted with a thermacouple; the wire temperature is kept constant by sumail adjustment. Fig.1 shows the theoretical circuit, and Fill2 shows the mean and extreme range in the calibration curves for 7 such gauges working in dry sir over the range 10^{-2} to 5 mm Hg. Fig.3 gives the detailed proctical circuit, with all component values. Fig.4 shows the measured characteristics (lines) and calculated points for argon (1), wir (2), neon (3), helium (4) and Hydrogen (5). The calculated points are derived using Smoluchovsky's equation (Ref.)), and take very well with the experimental curves. The scale lives values of the parameters in the Saoluchovsky equation Card 1/2 的复数 计算机

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GRIGORYEV, A. M.

"Methods and Equipment for the Measurement of Low Pressures" a paper read at the International Metallurgists' Conference, Moscow 26-30 June 56

SO: CS-3,302,240, 11 Jan 57.

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•	Samarin, A. M., ed., Corresponding Member, Academy o	f Sciences USSR-	
	Vakuumnaya metallurgiya (Vacuum Metallurgy). Noscow 1962. 515 p. Errata slip inserted. 3200 copies	, Metallurgizdat, printed.	
	Ed. of Publishing House: V. I. Ptitsyna; Tech. Ed.: skaya.	L. V. Dobuzhin-	
:	PURPOSE: This book is intended for engineering pers lurgical and machine-building plants, scientific and teachers, and aspirants and students at school technical education.	research workers	
	COVERAGE: Thermoydnamic fundamentals of vacuum appl motallurgical processos and problems of melting f and arc furnaces are discussed. Procedures of ca and vacuum degassing of steel in ladles are deson designs of metallurgical vacuum equipment. Probl the use of mechanical and steam-ejector vacuum pu	in vacuum induction isting large ingots ribed, along with lems connected with	
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<pre>designing, calculation, and operation of vacuum systems, are re- viewed in detail, along with vacuum-measuring techniques. No personalities are mentioned. Each article is accompanied by ref- erences, mostly Soviet. TABLE OF CONTENTS: Foreword</pre>
E. E.
foreword 5
Polyakov, A. Yu. Thermodynamic Fundamentals of Vacuum Application in the Processes of Making Steels and Alloys 7 1. General laws 7
1. General laws 1 2. Reactions in reduction of metal oxides with carbon 29 3. Deoxidation of steel 33 4. Degassing of metal 46
 5. Distillation of alloy components in vacuum-melting processes 6. Interaction of molten metal and refractory lining 63

STREETS

Vacuum Metallurgy	S0V/6270
3. Procedure for calculating the time for obtaining the given pressure in the system	ng 419
Grigor'yev, A. M. Measuring of Vacuum	424
Introduction	424
1. Classification	425
2. General remarks on techniques of measuring vacuum. Selection of the manometer type	447
	451
Balitskiy, A. V. Vacuum Materials and Accessories 1. Structural vacuum materials	451
	451
2. Metals and alloys 3. Nonmetallic materials	451 462
4. Vacuum accessories	467
Levina, L. E. Gas Analysis	490
Levina, L. E. Airtightness Testing Techniques	498
AVAILABLE: Library of Congress	
SUBJECT: Metals and Metallurgy Card 7/7	DV/w b/ j k 3/28/63

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"APPROVED FOR RELEASE: Thursday, July 27, 2000

ARTOBOLEVSKIY, Sergey Ivanovich, prof. [deceased]; YUDIN, V.A., prof., retsenzent; ZINOV'YEV, Vyach., prof., retsenzent; GRIGOR'YEV, A. M., retsenzent; KOZINTSOV, B.P., red.

[Theory of mechanisms and machines] Teoriia mekhanizmov i mashin. Moskva, Vysshaia shkola, 1965. 367 p. (MIRA 18:9)

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ZOZULYA, V.D.; GRIGOR YEV, A.M. Selection of lubricants for iron-graphite sliding friction bearings. Porosh. met. 5 no.8x82-86 Ag 165. (MIRA 18:9) 1. Institut problem materialovedeniya AN UkrSSR. I THERE A STRATT STRATT STRATT AND AND A STRATT STRATT STATE

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 CHIGOR'YEV, A.N.; MITROFANOVA, H.D.; MARTYNENKO, L.I.
 Stretching vibrations of the metal-nitrogen bond from the data of the infrared spectra of nitrilotriacetates. Zhur, neorg, khim. 11 no.1;213-215 Ja '66. (MIEA 19:1)
 1. Kafedra neorganicheskoy khimii Moskovskogo gosudaratvennogo universiteta imeni M.V.Lomonosova. Submitted March 18, 1:65.

APPROVED FOR RELEASE: Thursday, July 27, 2000

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Let the labor system measure up to present needs. Sots. trud no.4: 11-14 Ap '57. (MIRA 10:6)

1. Zaveduyushchiy kafedroy ekonomiki truda Moskovskogo gosudarstvennogo ekonomicheskogo instituta. (Industrial management)

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PANASHCHENKO, I.P., dots.; CHUNTULOV, V.T., dots.; POGREBINSKIY, A.P., prof.; SPATAR, N.G., dots.; LAUTA, S.P., dots.; USTINOVA, L.A., dots.; KRIVEN', P.V., prof.; FILIPPOV, V.I., dots.; GOLUBEV, V.A., kand. ekon. nauk; DZYUBKO, 1.S., dots.; GRIGOR'YEV, A.N., dots.; ZATSEPILIN, V.G., dots.; TERESHCHENKO, V.F.; LOYBERG, M.Ya., kand. ist. nauk; ORLIK, Ye.L., red.; KHOKHANOVSKAYA, T.I., tekhn. red. [Economic history of foreign countries]Ekonomicheskaia istoriia zarubezhnykh stran; kurs lektsii. Kiev, Izd-vo Kievskogo univ. Pt.2. [From the 1870's to the present time]Ot 70-kh godov XIX v. do nastoiashchego vremeni. 1961. 387 p. (MIRA 15:11) 1. Prepodavateli kafedr politicheskoy ekonomii i istorii narodnogo khozyaystva Kiyevskogo instituta narodnogo khozyaystva (for all except Orlik, Khokhanovskays). (Economic history) 1111月1日

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"APPROVED FOR RELEASE: Thursday, July 27, 2000

VASIL'KOVSKIY, S.M., inzh.; GRIGOR'YEV, A.N., inzh.

CREAT CONTRACTOR

Power estimation of seeding units. Trakt. i sel'khozmash. no.7:37-39 Jl '65. (MIRA 18:7)

1. Povolzhskaya mashinoispytatel'naya stantsiya.

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GRIGOR EV. A. N.

Collection of directives on economic principles of management in the railroad transport industry Moskva, Gos. transp. shel-dor. izd-vo, 1951. (Mic 55-3957)

Collation of the original, as determined from the film: 831 p.

Microfilm Slavic 457 AC

1. Railroad law - Russia. I. Grigor'ev. A.N. II. Russia (1923- U.S.S.R.) Laws statutes etc.

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181 - 18 J ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; BOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYA-SHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYHAIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFAMAS'YEV, Ye.V, retsenzent; VIASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORO-NOV, N.M., retsenfent; ORITCHENKO, V.A., retsenfent; ZHEREBIN, M.B., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, H.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent: LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsensent; PAVLUSHKOV, E.D., retsenzent; POPOV. A.N., retsenment; PROKOF'YNV, P.F., retsenzent; RAKOV, V.A., retsensent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHO-MIROV, I.G., retsenzent; URBAN, I.V., retsenant; FIALKOVSKIY, I.A., retsenzent: CHEPYZHEV. B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., reteenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A. redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBE-DIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINUV, I.M., redaktor; BABNLYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KONNEYEV, A.I., redaktor; HIKHEYEV, A.P., redaktor (Continued on next card)

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CHIGOR'YEV, Alekaey Mikolayevich; ASLAMAZOV, Gevork Mikaelevich; KUZ'MIM. Sergay Pavlovich. Frinimal uchastiye; POLYAKH, B.S., SARANTSZV, Yu.S., red.; KHITROV, P.A., tekhn.red. [Hailroad tank cors; design, operation, and maintenance] Zheleznodorozhnye tsisterny; ustroistvo, ekspluatatsila i remont. Moskva, dos.transp.zhel-dor.izd-vo, 1959. 214 p. (MIRA 12:12) (Tank cors)

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BABELYAN, V.B.; VINNICHENKO, N.G., kand. ekon. nauk; GNEDASH, G.N.; <u>GRIGOR'YEV, A.N.;</u> DANILOV, N.K.; IVANOV, A.P.; IVLIYEV, Ivan Vasil'yevich; POTAFOV, I.A.; TRUB'KHIN, M.G., kand.ekon. nauk; TUKHOVITSKAYA, L.K., inzh.; TYVA.CHUK, D.P., inzh.; SHERMAN, A.Ya.; SHCHERHAKOV, P.D., inzh.; EVENTOV, G.S.; KRISHTAL', L.I., red.; MAKUNI, Ye.V., tokhn. red.

[Financing in railway transportation; manual] Finansirovanie na zheleznodorozhnom transporte; spravochnik. Pod obshchei red. I.V. Ivlieva. Moskva, Væs. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1962. 422 p. (MIRA 15:4) (Railroads--Finance)

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FLEYSHMAN, F.N.; BOBROVA,L.I. Prinirali uchastiye: NEDOFEKIN G.K.; CRIGOR'YEV, A.N.; USENKO, L.A., tekhn. red.

> [Analysis of the production and economic operations of a railroad division; methodological textbook]Analiz proizvodstvennomethozialstvennoi deistel'nosti otdeleniis dorogi; retodicheskoe posobie. Moskva, Transzheldorizdat, 1961. 119 p. (MIRA 15:10)

1. Russia (1923- U.S.S.R.)Ministerstvo putey soobshcheniya. TSentral'myy nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya (for Fleyshman, Bobrova). 2. TsPEU (for Medopekin).

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GRIGOR'YEV, Aleksandr Nikolayevich; KALMYCHIN, Ivan Federevien; FIEYSHMAN, Feliks Moiseyevich; KOLTUNOVA, M.P., red.

[Analysis of the administrative operations of the line enterprises of a railroad | Analiz khoziaistvennoi deistel enterprises of a railodal mains modulation most nosti lineinykh predprijatij zheleznoj dorogi. Moskva, Transport. 1965. 294 p. (NIRA 18:4) Transport, 1965. 294 p.

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电相关 医马克氏

GRIGOR'YEV, A.P.; NEKRASOV, I.Ya.

Califier - State State State - State -

Hydrothermal synthesis of minerals of the ludwigite-vonsenite series. Dokl. AN SSSR 151 no.3:671-674 Jl '63. (MIRA 16:9)

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GRIGORYEV, A.P. . . . संस्कृत्य Distr: 4E20(1)/4E41 2. <u>Dullonic scids</u> and resins therefrom. (1). S. Petroy and A. P. Grigor Ex. U.S.S.R. 109,138, Oct. 25, 1957. Castor oil is added to a mist, of <u>PhOII</u> and turpentine and the whole is 1st sulfonated with 5-10% H₂SO, and the process is com-pleted as usual. The sulfonic acids thus obtained are non-hygroscopic and react with aldehydes to form water-sol. <u>H</u> resins. <u>M. Howit</u> - <u>M. Howit</u> - <u>M. Howit</u> in Go i به با معاد م روته م مراجع با مراجع مراجع با مراجع

AUTHOR TITLEOBCIGOR 1YEV, A.P., SPORROVA, I.A. TARENAL MA Anomalous Decar of Hyp nuleus. (AnomalAnyy raya Clear, A clea	• • • • •	Regard, 1994	DECORIVEY A.P. DEORKOVA. S.I. FESENEC, A.I. 56-6-53/56
 PERIODICAL 2 hural Exaperial (USSR) ABSTRACT An uncommon decay of a hyperfragment was discovered in an emulsion chamber (emulsion HINNY Type "P") which was an emulsion chamber (emulsion HINNY Type "P") which was irradiated by cosmic rays in the stratosphere. A star irradiated by cosmic rays in the stratosphere a star of the type 10 + On emits a hyperfragment which, after of the type 10 + On emits a hyperfragment which, after flight into three charged particles. These particles come flight into three charged particles. These particles come for a standstill already in the emulsion chamber. A microphotograph is attached and the data on the products decay were determined by means of the method density - of decay were determined by means of the method density - range (with respect to the pione). The charge and the remaining range of the hyperfragment in the emulsion were determined from the density of the type and 000 ± 1000 µ. respectively. As the mass of one to 22 and 600 ± 1000 µ. respectively. As the mass of one of the produced particles is equal to 850 ± 300 mass of the produced particles is equal to 850 ± 300 mass of electrons, it is naturally possible to presume that here 	•	AUTHOR	ONTGON THAT A CANADA HAD DI TRADA
an emulation by cosmic rays in the stranger which, after irradiated by cosmic rays in the stranger which, after of the type 10 + On emits a hyperfragment which, after passing through a course of 2930 A. disintegrates during passing through a course of 2930 A. disintegrates during decay are shown in a table. The masses of the products decay were determined by means of the hyperfragment The charge and the remaining range; they amounted b electrons along the remaining range; they amounted to 20 and 600 ± 100 A. respectively. As the mass of one of the produced particles is equal to 850 ± 300 mass of of the produced particles is equal to presume that here electrons, it is naturally possible to presume that here	•	PERIODICAL	Zhurnal Exaperions (USSR)
carD 1/3 electrons, it is naturally possible to p		ABSTRA CT	an emulsion by cosmic rays in the stateent which, after irradiated by cosmic rays in the stateent which, after of the type 10 + On emits a hyperfragment which, after passing through a course of 2930 A, disintegrates during passing the state of 2930 A, disintegrates during passing the remaining range; they amounted in the emulsion were determined from the mass of one is clectrons along the remaining range; they amounted
		CARD 1/3	of the produced particularly possible to present electrons, it is naturally possible to present

Singlet of Strategy and Strateg THE DURING STATES An Anomalous Decay of . Hypernucleus. 56-6-53/56 a K-meson is concerned, As, on the other hand, the harge of the hyperfragment determined with great accuracy, is equal to 2e, the K-meson can be assumed to be negative. (Also the lack of decay products in the case of the Kmeson tends to indicate a negative charge of the K-meson). The noncomplauarity of the products of decay of the hyperfragment tends to indicate the flying-off of at least one neutron; its energy is dotermined from the vector diagram of the momenta. Thus it may be assumed that the hyperfragment decays either according to the scheme $(\text{He}_2^5 + \text{H}_1^1 + \text{K}^2 + n + \text{He}_2^3 + (103 \pm 5) \text{ MeV}$ or the scheme $(\text{He}_2^6)^{\text{+}} = \text{H}_1^1 + \text{K}^2 + \text{n} + \text{He}_2^4 + (110 \pm 6) \text{MeV}$ When determining the energy the mass of the K-meson was assumed to be equal to 966,7 electron masses. If it is assumed that the hyperfragment, as a result of the decay of a certain bound hyperon disintegrates, the mass of this hyperon is equal to 3000 electron masses. The estimation of the life of the hyperon gives the amount 5.10-11 get. The here discussed case is at present being studied more closely. CARD 2/3THE ADDRESS OF THE AD STREET STREET STREET





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85711 s/081/60/000/018/007/009 A006/A001 15-8105 Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 18, p. 543, # 75440 Kamenskiy, I. V., Grigor'yev, A. F. AUTHORS: Production of Organic Glass on Allyl Ester Base TITLE: PERIODICAL: Tr. Mosk. khim-tekhnol. in-ta im. D. I. Mendeleyeva, 1959, No. 20, pp. 50-54 The authors studied the possibility of obtaining scale-resistant and pp mechanically durable organic glasses on disthylers glycol diallyl dicarbonate (I) base. It is established that polymerization proceeds according to a radical mechanism using benzoyl peroxide (2% of the ester weight). The cracking of blocks cannot be prevented by introducing various admixtures and plasticizers into I. Copolymerization of I with methyl methacrylate (> 50%) causes the formation of transparent colorless or light-yellow non-cracking blocks with a Martens scale resistance of 110 - 115°C and a Brinell hardness as high as 25 - 26kg/cm². Conditions are given for the copolymerization and solidification of blocks. The specimens obtained withstand heating at 180°3 for 2 - 3 hours Card 1/2

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681 KAMENISKIT, I.V.; ORIGORITATA A.P. Synthesis of organic glass from allyl esters. Trody MKHTI no.29;50-(419) alcohol) (Olass reinforced plastics) (Allyl alcohol) (Olass reinforced plastics)

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L 33985-66 ACC NR: AR6017248	SOURCE CODE: UR/0058/65/000/012/D045/D045
AUTHOR: Kovaleva, L. T.; Nekra	sov, I. Ya.; Arkhipenko, D. K.; Brovkin, A. A.; Gri-
TITLE: Study of minerals of the scopy and x-ray diffraction met	e szaibelyite-sussexite series by infrared spectro-
SOURCE: Ref. zh. Fizika, Abs. REF SOURCE: Tr. Komis. po spek	troskopii. AN SSSR, t. 3, vyp. 1, 1964, 604-610
TOPIC TAGS: mineral, ir spectr ABSTRACT: The authors studied parameters of the unit cell'wer the parameters, position, and i position is established. The p to vibrations of the B-O-R ²⁺ and is proposed in place of the for	<pre>boscopy, x ray diffraction study, absorption band minerals of the series M₂B₂O₅()H)₂-M₂B₂O₅(OH)₂. The re calculated for the entire series. A dependence of intensity of the absorption bands on the chemical com- bossibilities are discussed of crediting the ir bands od OH-Mg, OH-Mn groups. The formula (Mg, Mn)₂B₂O₅(OH)₂ rmula (Mg, Mn)HBO₃, since it has been established a groups and free OH are present. These singularities natural minerals. [Translation of abstract]</pre>
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EVLIYA, Chelebi [Evliya, Efendi]; ZHELTYAKOV, A.D.; TVERTINOVA, A.S. translator]; VEKILOV, A.P. [translator]; GAREUZOVA, V.S. [translator]; <u>GRIGOR'YEV</u>, A.P. [translator]; ZYRIN, A.A. [translator]; IVANOVA, R.D. [translator]; IVANOV, S.N.[translator] Prinimali uchastiye: KYAMILEV, Kh. [translator]; MASHTAKOVA, Ye.I. [translator]; GRUNINA, E.A., red. izd-va; KUZ'MIN, I.F., tekhn. red. [A travel book (excerpts from the work of a 17th century Turkish traveler); translation and commentary] Kniga puteshestviia (izvlecheniia iz sochineniia turetskogo puteshestvennika XVII veka); perevod i kommentarii. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka: Perevody, no.6) No.1. [Moldavia and the Ukraine] Zemli Moldavii i Ukrainy. 1961. 337 p. (MIRA 14:12) 1. Vostochnyy fakul'tet Leningradskogo Gosudarstvennogo universiteta (for all except Kyamilev, Mashtakova, Grunina, Kuz'min). 2. Institut narodov Azii AN SSSR (for Kyamilev , Mashtakova). (Elviya, Efendi, ca. 1611- ca. 1682) (Moldavia-Description and travel) (Ukraine-Description and travel) SUSTAINTARNAL STOR 计算法 建制度性 化学学 经产产资源

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		YZAZEL 200
1.	GRIGOR YEV, A. S.	
2.	U3SR (600)	
4.	Deformations (Mechanics)	
7.	Bending of a round membrane with linear reinforcement of the material. Insh.sbor., 13, 1952.	
9	. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.	

GRIGOR YEV, A.S. 200 Grigor'ev, A. S. On the bending of a round elastic plate beyond the elastic limit. Akad. Nauk SSSR. Prikl. Mat. Meh. 16, 111-115 (1952). (Russian) Consider a simply supported circular plate exhibiting linear hardening and loaded uniformly over a circle concentric with the plate. At a critical value of the load plastic deformations will first appear at the center on the underside of the plate. The paper presents a closed form solution for the elastic part and a numeric il procedure for determinatioa of the plastic region. Results of a special experiment are compared with a numerical solution and good agreement is found. H. I. Ansoff (Santa Monica, Calif.). Inst. mech., acad. Sei USSK. matical Reviews, Vol 13 No. 9 Sources Nathematical Reviews,

GRIGOR'YEV, A. S.

USSR/Engineering - Stress of Materials Jan/Teb 52 "Review and Bibliography," V. Z. Vlasov, A. S. Grigor'yev, S. G. Lekhnitskiy, V. M. Panferov "Prik Matemat i Mekh" Vol XVI, No 1, pp 123-128 - Reviews Yu. N. Rabotnov's "Resistance of Materiala," Moscow State U, 1950, 336 pp, Manual for Universities, M. V. Rubinin's "Manual in Practical Studies of Resistance of Materials," Part I., 1949, 287 pp., Part II; 1950, 264 pp, Mashgiz; and G. W. Savin's "Concentration of Stresses Mear Apertures," Moscow/Leningrad, 1951, 496 pp. 203740

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BINATIN, A. J.

"Some Problems of Louilibrius of Plates and Sars second the month of Llasticity." Br Tesh Sel, Inst of Lossenics, Acad Sei WRSK, Lossew, 2005. Discertables (Leferstingy Thurns1--Louhanika Lossow, Pob 55)

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LEVIENZON, Leonid Samuilovich, 1879-1951 (deceased); NEKRASOV, A.I., akadenik; TIKHOHOV, A.N.; IL'YUSHIN, A.A.; SOKOLOVSKIY, V.V.; GALIN, L.A.; SHCHELKACUEV, V.N., doktor tekhnicheskikh nauk; TREBIN, F.A., doktor tekhnicheskikh nauk; <u>GRIOOR'YEV</u>, A.S., kandidat tekhnicheskikh nauk; SEDOV, L.I., akademik, redaktor; ZVOLINSKIY, N.V., professor, redaktor; ALESKEYEVA, T.V., tekhnicheskiy redaktor. [Collected works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR. Vol.4[Hydroaerodynamics. Geophysics] Gidroaerodinamika, Geofizika, (MLRA 8:11) 1955. 398 p. 1. Chlen-korrespondent AN SSSR (for Tikhonov, Il'yushin, Sokolovskiy, Galin) (Fluid dynamics) (Geophysics)



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AUTHOR	Grigoryev, A.S. (Moscow)	40-21-6-12/18
TITLE:	The State of Stress of Cylindrical in Connection With Great Deformation Na) bezmomentnykh tsilindricheskikh obe fogmatsiyakh)	Shells, Free of Momente, pryazhennoye sostoyaniye
PERIODICAL:	Prikladnaya Matematika i Mekhanika	, 1957, Vol 21, Nr 6 pp 327-832 (USSR)
ABSTRACT:	In the paper the equilibrium of she ments with regard bottoms is invest assumed to possess a circular-cylin state. It is supposed that the mate of, can suffer strong deformations Therefore the state of stress must great displacements and great defor the shells is supposed to be incomp between the stresses and the so-cal is taken from the mechanic character Besides of the given supposition the ried out in the paper which are known	tigated. The shells are ndrical form in unloaded erial the shells consist up to the destruction. the investigated for mations. The material of pressible. The connection filed original deformations eristics of the material. the usual neglects are car- own in the theory of shells
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	CHERTER CONTRACTOR AND A C	

المهرفة المعهورية المتعادية 40-21-6-12/18 The State of Stress of Cylindrical Shells, Free of Moments, in Connection With Great Deformations equations the equilibrium of shells which are stressed by internal pressure is investigated in detail. There are 5 figures and 7 references, 5 of which are Soviet, and 2 American. November 20, 1956 SUBMITTED: Library of Congress AVAILABLE: 1. Cylindrical shells-Stresses Card 2/2.

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	Sard 4/5	Lip <u>tis. T. J.</u> [Joningred]. Roose Components and Decr upin Aradian in an Orthorizapia Flate Makemed by a Circular Bola (Boosized on 2/20/1996) 179	<u>Prov. L. L. (Decor)</u> , Shability of hade and Factors Depend the Electricity Limit (Decored on 3/7/1998)	Disler, A. I. [Artor]. Elects Squibrim of a Cylindriculty Actor Arph: Bd Cwar a load Bifermly Barribist longitudinally [Besive] on 14/1/1955] 10	Lynhiger, T. E. (Beeorg). Approximes Shirtlen of a Problem Mulating to Torrain Pericular Owne of a Load Arylind to an Elastic Account Separat [Boolwed on 6/10/55]	Biymth-Ruess, E. Y. [Inningred]. Electic Sectificities of Solids of 113 Benintics (Brainef on 11/30/1966)	(Bestrei a V14/1990) Bertislays, S. D. (becor). Exeriment forting of Artornaum of an Grahimpic Cylindrical Mail Bultowed by a Hing (bestwed an 1/23/1996) 100	Brita A. E. (Decor). Conversing the Columistics of Electic Constain Cylinders Connected The Har in Individual Points (Bearing an 12/12/1976) 07 Beanny B. A. (Beanny). Corvein Enderstrain of Decomposition Points	Origrian. A. A. (Becce). The Expla Problem is Electic Equilibrium 55 - Ofth Ary Elepineteria (Bestrei en 9/14/1955)	Bigstrænsky, A. S. (Messor). Heresi Getilstings of Privatic Bolis of Un Typ Unit for Alvenit Soll Ming (Beeled 6/12/1995) 19	Labris, L. A. (Berdurni). Constring the Culturation of Curtain Parts $\overline{\rm Stat. Nint Theorem Components (Bestief on 10/27/1093)}$	Number of the second s	Discor To 4. 6. [Boose]. Diferentian of a Free Cylindrical Call Dater 54 Discr (BOSING as 5/0/1995)	Duryry, L. & (Beerry). Commenting the Genetics of Electic Frailibrium of • Definition Res. 1.6 • Electing Soil With Sch Definitions (Sections 1/6/1995)	Instanting partners) and extremized at new list, equilibrium of result pools, rule and malife, welling of rul, place, frame and rules memory, string essentiation, and buding use discuss. Oscillations of simplers rings are remained. Both moore ecompary such article.	COTENES: The basi converse 30 wrights faultar yith professional way performed by modulation engineers, much as the subjustions of the Lie, rade, and plates and maintains of profession in stress instructions and equilibrium. Occlimations	ļ	and the second s	Andredys and 200. Deriver abanizi	Page I not superinting day(h)1		
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sov/179-59-3-15/45 Large Deflections of Rectangular Membranes where u_{1} , v and w are the displacements in the x_{1} , y and zdirections respectively. Using the equations of equilibrium with those of Hooke's law in the elastic region and of the Hencky-Mises theory in the plastic region, the differential equation governing the deflection is obtained and solved by a finite difference method. In the elastic region, expressions are obtained for the deflection and stress at the centre of the membrane: a similar treatment is given for a membrane within the plastic region and a load-deflection curve is calculated (Fig 4). There are 2 tables, 4 figures and 6 references, 5 of which are Soviet and 1 German. SUBMITTED: June 15, 1958 Card 2/2

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IN RESEARCH

GRIGORYEV, A. S. (Acad. Sci. USSR)

The representation of the second s

"The Equilibrium of momentless cylindrical shells from nonlinearly elastic material under pressure, varying along the axis of the shell,"

Report presentes at the 10th International Congress of Applied Machanics, (ICSU) Stress, Italy, 31 August - 7 Sep 1960.

In the author's absence, the paper was presented by Grigoliuk. It is shown that the governing equations may be decomposed into two parts and in some cases the solution can be obtained inflikite form.

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31128 P/033/61/013/005/005/006 106000 1327 D234/D302 AUTHOR: Grigor'yev, A. S. (Moscow) TITLE: On bending round plates made of material, inhomogeneous in plastic deformations PERIODICAL: Archiwum mechaniki stosowanej, v. 13, no. 5, 1961, 637-649 The material is assumed to be homogeneous in elastic defor-TEXT: mations and inhomogeneous in plastic ones; the load to be axially symmetric. The author takes a system of dimensionless cylindrical coordinates roz. The yield limit is assumed to be Χ $\sigma_{g} = \sigma_{g} \left[1 + f(z) \right]$ (1)The solution of the problem is reduced to finding the quantities Card 1/3

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On bending round plates ...

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$$\zeta = -\frac{2E}{3\sigma_{s_0}} \left(\frac{H}{R}\right)^2 \left(2\frac{d^2W}{dr^2} + \frac{1}{r}\frac{dW}{dr}\right)$$

$$\zeta = -\frac{2E}{3\sigma_{s_0}} \left(\frac{H}{R}\right)^2 \left(\frac{d^2W}{dr^2} + \frac{2}{r}\frac{dW}{dr}\right)$$
(2)

where E is the modulus of elasticity, W the bending. Solutions are formulated for conditions of plasticity of Huber-Mises with Hankey's relation and for those of Tresca-de-Saint-Venant. The example of a plate, freely supported along its edge and uniformly loaded, is considered in detail, first for any f(z) and then for $f(z) = \frac{1}{2}z^5$. Graphs of extension of domains of plastic deformation and of Card 2/3



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Equilibrium of membrane shells ...

systems can be numerically integrated for any concrete problem; hence the shape and thickness of the shell can be found, as well as the principal stresses. It is noted that if the shell is subjected to uniform pressure only, then $Q = qR_1/2KH_1 = const.$, and there is no folded zone; thereby systems (2.3) and (2.5) simplify

considerably and one obtains

$$\sin \varphi = \frac{Qx}{2Ap_1 h}$$
 (2.9)

where A is a dimensionless parameter. It is further noted that even on the assumption that the fundamental stress-strain relations are applicable to arbitrarily large deformations, yet a critical value Q = Q_{max} exists, beyond which the proposed solution is inapplicable. This maximum load and the corresponding $\rho = \rho^*$ and $h = h^*$ are

$$Q_{max} = 2(\frac{\mu}{e})^{\mu}$$
, $\rho_{*} = e^{\mu/3}$, $h_{*} = e^{-2\mu/3}$,

(µ being a constant). In the case of initially cylindrical shells, Card 4/7

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GRIGOR'YEV, A.S. (Moskva)

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Bending of a circular clamped plate beyond the elastic limit. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.6:83-87 N-D 162. (MIRA 15:12) (Elastic plates and shells)

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