LIBANSKY, J.; LAZNICKA, M.

Transfer by cell-free filtrate of Ia VUFB leukaemia, originally induced by X-ray irradiation. II. Neoplasma (Bratisl.) 11 no.4: 379-384 '64.

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

LIBANSKY, J.

Cooperation between hematology and internal medicine. Cas. lek. cesk. 104 no.14:391-394 9 Ap '65.

LIBANSKY, J.

Examination of immunologic reactivity of patients with hemoblastosis. Cas. lek. cesk. 104 no.34:915-923 27 Ag '65.

1. Ustav hematologie a krevni transfuze v Praze (prednosta prof. dr. J. Horejsi, DrSc.).

LIBANYI, Endre

Resection of common carotid artery. Orv. hetil. 98 no.31: 857-858 4 Aug 57.

1. A Pest Megyei Tanacs Semmelweis (Rokus) Korhaz II. sz. sebeszeti osztalyanak (foorvos: Kubanyi, Endre, dr.) kozlemenye.
(PARAGANGLIOMA, surg.
resection of common carotid artery in surg. of carotid body tumor (Hun))

LEONOV, M.Ya.; LIBATSKIY, L.L.

Stressed state in the vicinity of a point defect in a plate with a crack. Nauch.zap.IMA AN URSR. Ser.mashinoved. 7 no.7:10-15 '61. (MIRA 15:1)

(Strains and stresses)

LIBATSKIY, L.L.

Behavior of localized vacancy defects in a plate with a circular hole. Vop. mekh. real'. tver. tela no. 2:152-154 '64.
(MIRA 17:9)

LIBATSKIY, L.L.

Determining maximum tangential stress in the torsion of rolled sections. Vop. mekh. real. tver. tela no.3:110-112 '64.
(MIRA 17:11)

LEONOV, M.Ya.; LIBATSKIY, L.L.

Contour stress caused by pure torsion of single-connected rods. Nauch.zap.DA AN URSR.Ser.mashinoved. 10:35-50 '64.

(MIRA 17:10)

Determining contour stress caused by the torsion of multiconnected rods. Ibid.:51-54

LEONOV, Mikhail Yakovlevich. Prinimali uchastiye: ZORIY, L.M.; CHERNUKHA, Yu.A.; SHVAYKO, N.Yu.; IVASHCHENKO, A.N.; LIBATSKIY, L.L.; BURAK, Ya.I.; RUSINKO, K.N.; FOMENKO, V.L., red.izd-va; ANOKHINA, M.G., tekhn. red.

[Fundamentals of the mechanics of an elastic solid] Osnovy mekhaniki uprugogo tela. Frunze, Izd-vo AN Kirgizskoi SSR. No.1. 1963. 328 p. (MIRA 16:12)
(Elastic solids)

LIBATSKIY, L.L.

Local fracture of an infinite plate with a straight crack.
Fiz.-khim. mekh. mat. 1 no.1:95-98 '65.

(MIRA 19:1)

1. Fiziko-mekhanicheskiy institut AN UkrSSR, L'vov. Submitted September 20, 1964.

SAVEL'YEV, V.P.; KOVAL'SKAYA, A.V.; BERUKOV, F.V.; GALKIN, Yu.P.; KROKHOTIN, A.I.; SINEGUBKIN, V.V.; EPSHTEYN, A.L.; TSIRKIN, M.Z.; LAVRUSHINA, N.S.; G'BAREV, A.A.; KONTOROVICH, L.M.; KOROLEV, V.N.; USTIMENKO, I.L.; KURNAKOV, S.N.; POLUSHKIN, M.K.; LIBE, N.A.; IVANOV, N.P.; D'YACHENKO, G.I.; FILIPPOV, I.F.; KHUTORETSKIY, G.M.; VARTAN'YAN, G.P.; RUSOV, Ye.Kh.; BARKAN, L.Z.; KOLONSKAYA, L.M.; GORBATENKO, F.I.

Inventions. Energ. i elektrotekh. prom. no.4:39 O-D '64.
(MIRA 18:3)

LIBEEMANIS, Leonids; JANSONS, Vladimirs; VULFSONE, E., red.; SPORANE, V., tekhn. red.

[Plastic sliding bearings] Plastmasas slidgultni. Riga, Latvijas Valsts izdevnieciba, 1962. 61 p. (MIRA 16:5)
(Plastic bearings)

LIBEFORT, G., inzh.

Motors and electric equipment for launches. Tekh. est. 2 no. 10: 11 0 '65 (MIRA 19:1)

LIBEFORT, Yu.I., gornyy inzh.; GNEZDILOV, V.A., gornyy inzh.

Technical and economic indices of iron ore crushing in mining and ore dressing combines of the Krivoy Rog Basin. Gor.zhur. no.12:50-55 D '63. (MIRA 17:3)

1. Institut Mekhanobrchermet, Krivoy Rog.

LIBEFORT, Yu.I.; MARGULIS, V.S.

Crushing iron and manganese ores in hammer mills. Met.i gornorud. prom. no.6:59-62 N-D '63. (MIRA 18:1)

SHINKORENKO, S.F., kand.tekhn.nauk; LIBEFORT, Yu.I., inzh.; KRUTIY, V.V., inzh.; CHERNYY, I.I., inzh.; TSYURYUPA, A.D., inzh.; GRAZHDANTSEV, I.I.

Setting up departments of secondary treatment in ore dressing plants of the Nikopol'-Marganets Trust. Gor.zhur. no.4:68-71 Ap '64. (MIRA 17:4)

1. Mekhanobrchermet (for Shinkorenko, Libefort, Krutiy, Chernyy, Tsyuryupa). 2. Trest Nikopol'-Marganets (for Grazhdantsev).

LIBFFORT, Yu.I.; CHERNYY, I.I.

Selection of the best equipment for crushing low-grade manganese concentrates of ore dressing plants. Met. i gornorud. prom. no.5:54-55 S-O '64. (MIRA 18:7)

ASEYEV, P.I., inzh.; ~~LIBELI, Ya.P., inzh.~~

Experience in using scale scrive boards in scrive board operations. Sudostroenie 24 no.5:49-52 My '58. (MIRA 11:6)
(Shipbuilding)

LIBENKO, V.G., inzh.; PROKOPOV, V.I., inzh.; GRISHKO, V.V., inzh.

Completely mechanized unit for the production of reedwork panels. Stroi.mat. 8 no.7:21-23 Jl '62. (MIRA 15:8)
(Reed products)

LIBENSHTEYN, M.Z., inzhener.

Eliminating defects in iron casting with the aid of carbinol cement. Energetik 5 no.8:20 Ag '57. (MLRA 10:10)
(Iron founding)

LIBENSHTEYN, M.Z., inzh.

Assembling the VPT-25-3 turbine according to the three points method.
Energ. stroi. no.1:22-25 '59. (MIRA 13:2)

1.Trest "Volgopromenergomontazh".
(Turbines)

LIBENSON, A.B.

Agricultural eye injuries and their prevention. Kaz.med.zhur. no.5:86 S-O '62. (MIRA 16:4)

1. Otdeleniye glaznykh bolezney Respublikanskoy klinicheskoy bol'nitsy Tatarskoy ASSR (zav. otdeleniyem - A.N.Kopylov, zav. kafedroy - dotsent A.S.Veys, glavnyy vrach - Sh.V.Bikchurin [deceased]).

(EYE--WOUNDS AND INJURIES)

L 15664-63 EWP(q)/EWT(m)/BDS AFFTC JD/HW

ACCESSION NR: AP3003650 S/0133/63/000/007/0638/0639

AUTHORS: Vil'yams, O. S. (Engineer); Libenson, A. L. (Engineer)

TITLE: Surface carburization during hot-pressing pipes made of steel 10 and 20

SOURCE: Stal', no. 7, 1963, 638-639

TOPIC TAGS: surface carburization, pipe, steel 10, steel 20, hot pressing

ABSTRACT: The graphite-oil lubricant used in hot pressing caused surface carburization of the low-carbon steels 10 and 20. The nature of this process and its distribution along the pipe, as well as its penetration depth, have been studied. According to the microstructure of the carburized sections, there is a considerable carbon content in the surface layer. This was explained by the surface melting of the metal during pressing. The small inclusions of thin graphite plates point to a rapid cooling of a liquid phase rich in carbon. The type of carburization during pressing was caused by the diffusion of carbon under specific conditions: 1) temperatures (1160-1190C) were higher than those of a common cementation; and 2) the pressures reached 10 kg/mm^2. These pressures

Card 1/2

L 15664-63

ACCESSION NR: AP3003650

increased the action of the carburizing medium, but the carbon diffusion into the metal was not very significant because of the shortness of the pressing cycle (1.5 sec). The distribution of the carburized layer was studied in 460 samples. Orig. art. has: 5 figures.

ASSOCIATION: Yuzhnotrubny*y zavod (Southern Pipe Plant)

SUBMITTED: 00 DATE ACQ: 02Aug63 ENCL: 00

SUB CODE: ML NO REF SOV: 004 OTHER: 000

Card 2/2

VIL'YAMS, O.S., inzh.; LIBENSON, A.L., inzh.

Surface carburizing of steel 10 and 20 pipe in the hot extrusion process. Stal' 23 no.7:638-639 Jl '63. (MIRA 16:9)

1. Yuzhnotrubnyy zavod.
(Pipe, Steel) (Case hardening)

[redacted], M. Ya., Engr.

"Direct Acting Voltage Regulators" (from the Polish.)

Avtomatika i Telemekhanika, Vol. 6, No. 4-5, 1941.

USSR/Engineering - Regulation FD-1751

Card 1/1 : Pub. 10-10/12

Author : Kurdyukov, K. P., and Libenson, D. Ya.

Title : Chronicles. All-Union conference on automatization of productional processes in agriculture

Periodical : Avtom. i telem., Vol. 16, 207-209, Mar-Apr 1955

Abstract : In the course of seven days, f rom 25 November to 2 December 1945 [sic], at the All-Union agricultural exhibition in Moscow, an All-Union conference was held to discuss problems of the automatization of productional processes in agriculture, on the initiative of the Institute of Automatics and Telemechanics with the participation of the All-Union Academy of Agricultural Sciences im. Lenin, All-Union Agricultural Exhibition, and Institute of Electrical Engineering (Academy of Sciences Ukrainian SSR). More than 300 delegates from more than 90 organizations participated.

Institution : -

Submitted : -

KULEBAKIN, V.S., akademik, redaktor; BUDZKO, I.A., doktor tekhnicheskikh nauk, redaktor; GANELIN, A.M., kandidat tekhnicheskikh nauk, redaktor; GLEBOVICH, A.A., kandidat tekhnicheskikh nauk, redaktor; DREVS, G.V., kandidat tekhnicheskikh nauk, redaktor; LIBENSON, D.Ya., kandidat tekhnicheskikh nauk, redaktor; SLAVIN, P.M., kandidat tekhnicheskikh nauk, redaktor; SOLODENIKOV, V.N., kandidat tekhnicheskikh nauk, redaktor; SHUMILOVSKIY, N.N., doktor tekhnicheskikh nauk, redaktor; KURDYUKOV, K.P., kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.A., redaktor izdatel'stva; MOSKVICHEVA, N.I., tekhnicheskiy redaktor

[Automatization of work in agriculture; papers delivered at the conference November 25 - December 2, 1954] Avtomatizatsiia proizvodstvennykh protsessov v sel'skom khoziaistve; materialy soveshchaniia, 25 noiabria - 2 dekabria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 452 p. (MIRA 9:12)

1. Soveshchaniye po avtomatizatsii proizvodstvennykh protsessov v sel'skom khozyaystve, 1954. 2. Institut avtomatiki i telemekhaniki AN SSSR (for Kulebakin). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (for Glebovich, Solodenikov)

(Automatic control) (Agriculture)

TOPCHIYEV, A.V., akademik, glavnyy redaktor; TRAPEZNIKOV, V.A., otvetstvennyy redaktor; LIBENSON, D.Ya., redaktor; STRAKHOVA, L.P., redaktor; SHVAB, A.F., redaktor; KHACHATUROV, G.S., redaktor; ASTAF'YEVA, G.A., tekhnicheskiy redaktor

[Session of the U.S.S.R. Academy of Sciences on the scientific problems of automatization of production, October 15-20, 1956; plenary meeting] Sessiia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proizvodstva, 15-20 oktiabria 1956 g.; plenarnye zasedaniia. Moskva, 1957. 271 p. (MIRA 10:3)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent Akademii nauk SSSR (for Trapeznikov)

(Automatic control) (Information theory)
(Electronic calculation machines)

SHUMILOVSKIY, N.N., professor; LIBENSON, D.Ya.

Scientific basis of automation in industry. Priroda 46 no.3:53-55 Mr '57. (MLRA 10:3)

1. Institut avtomatiki i telemekhaniki Akademii nauk SSSR (Moskva)
(Automation)

LIBENSON, D. YA.

"Cybernetics in the Light of V. I. Lenin's Book Materializm i empiriokritits1zm /Materialism and Emprirical Criticism/ (On a meeting of the Scientific Council of the Institute of Automation and Telemetry, Academy of Sciences USSR, devoted to the 50th anniversary of the publication of V. I. Lenin's book Materializm i empiriokritits1zm). Avtomatika i telemekhanika /Automation and Telemetry/, 1959, Vol. XX, No. 7, Pages 999 - 1006.

39545
S/024/62/000/004/002/007
E194/E455

13,2520

AUTHORS: Filipovich, B.I., Libenson, D.Ya. (Moscow)

TITLE: Possible operating principles of orientation and angular velocity converters

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Energetika i avtomatika, no.4, 1962, 83-93

TEXT: This is a systematic general review of the operating principles which have been suggested for devices such as the gyro-compass. There is much reference to American work. The errors in the classical gyro-compass are analysed; they are mostly the result of friction or bearing clearances. Devices that have been used to reduce them to a minimum are described, such as magnetic suspension by a current flowing in a superconductor at liquid helium temperature. The rotating body need not of course be a solid. A liquid rotor has been proposed though it has not yet been very successful. It would also be possible to employ charged particles circulating in an electric or magnetic field,

Card 1/2

Possible operating principles ...

the low mass being compensated by the high speed. Other exotic possibilities include electrons running in closed annular superconductors or polarized nuclei. The practical difficulties that would arise in developing such instruments are discussed, particularly those relating to accurate measurement of change of rate of precession and frequency. There are 3 figures.

SUBMITTED: April 3, 1962

Card 2/2

CHELYUSTKIN, Aleksandr Borisovich; LIBENSON, David Yakovlevich ;
IVANOV, S.M., red.; NAZAROVA, A.S., tekhn. red.

[Automation for our plants]Avtomatika dlia nashikh zavodov.
Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke,
tekhnike. IV Seriia: Tekhnika, no.13) (MIRA 15:9)
(Automation)

FILIPOVICH, B.I. (Moskva); LIBENSON, D.Ya. (Moskva)

Possible operating principles of angular velocity and orientation converters. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.4: 83-93 Jl-Ag '62. (MIRA 15:8)

(Gyroscope)

L 17445-63 EWT(1)/BDS AFFTC/ASD/ESD-3

ACCESSION NR: AP3004306 S/0030/63/000/007/0040/0043

AUTHORS: Petrov, B. N. (Academician); Vernov, S. N. (Corr. member, Academy of Sciences SSSR); Libenson, D. Ya. (Candidate of Technical Sciences)

TITLE: Applications of Mössbauer effect

SOURCE: AN SSSR. Vestnik, no. 7, 1963, 40-43

TOPIC TAGS: radiation, recoil, resonance, Doppler shift, crystal lattice

ABSTRACT: Recently Mössbauer discovered a new aspect of emission and scattering of gamma rays by nuclei in solids. A certain fraction of these rays of the nuclei of the solid is emitted without individual nuclear recoil. Instead, the recoil momentum is delivered to the crystal lattice as a whole, resulting in negligible Doppler shift. The most significant effect of this Mössbauer radiation is the extremely precise resonance line in the emission or absorption spectrum. For example, the 14.4-kev gamma ray without recoil by 0.1-microsecond Fe^{57} in metallic iron has been the most precisely defined electromagnetic frequency yet discovered. The longer the half-life of a nucleus, the sharper becomes the resonance curve. A whole series of unique applications can be foreseen for the applications of this principle. In physics, this effect may be useful in obtaining a better insight into crystal lattice vibrations, metallic superconductivity, and relativistic effects. In chemistry,

Card 1/2

L 17445-63
ACCESSION NR: AP3004306

one may study molecular structures, the hyperfine splitting due to quadrupole-magnetic field interactions, and isomer chemistry. Finally, in automation the Mössbauer effect could be useful in controlling very small relative movements and complex chemical reactions and in constructing devices to obtain and process information.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: PH NO REF SOV: 000 OTHER: 000

Card 2/2

S/115/60/000/011/003/013
B019/B058

AUTHORS: Drozdova, L. V. and Libenson, Kh. I.

TITLE: Checking the Kinematic Accuracy of Gear Cutting Machines

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 11, pp. 14 - 16

TEXT: The method described is based on checking the synchronization between dividing head and rotary rig, which connect milling spindle and machine table. This method permits the checking of the accuracy of the connection milling cutter - table without great expenditure. A multi-face prism is required which is moved synchronously with milling spindle and table, respectively. The corresponding reflecting positions of the prism are observed by telescope. The deviation of the milling-cutter position or the tool spindle can be ascertained by means of the telescope division. The table movement of the milling machine is also performed by means of the multi-face prism. The positions of the prism during several turns of the milling spindle are controlled thereby, and the accuracy of the connection between table movement and spindle is deduced by the necessary corrections. There are 4 figures and 1 table.

Card 1/1

DROZDOVA, Lidiya Vladimirovna; LIBENSON, Khanom Izrailevich; VOLOSEVICH, F.P., inzh., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Methods for checking the kinematic precision of small gear-milling machines]Metody proverki kinematicheskoi tochnosti zu bofrezernykh stankov malykh modelei. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka i kontrol' kachestva produktsii, no.24) (MIRA 15:12)
(Gear-cutting machines—Testing)

LIBENSON, M., inzh.

New scheme of heat supply at asphalt-concrete plants. Avt.dor. 22 [i.e.23] no.9:31 S '60. (MIRA 13:9)
(Bitumen) (Diesel fuels)

GALERKIN, Yu.B.; SELEZNEV, K.P.; Prinimali uchastiye: SEREGIN, V.S., starshiy mekhanik; VOSTROKNOTOVA, I.; student; LIBERSON, M., student

Some results of the work of constructing pressure transmitters with high angular velocity. Trudy LPI no.221:59-71 '62. (MIRA 15:9)

(Turbomachines) (Compressors)

OSHEROV, S.Ya., kand. tekhn. nauk; DERGACH, V.F., inzh.;
LIBENSON, M.N., inzh.

Determination of thermodynamic indices of gas turbine systems.
Energomashinostroenie 10 no.2:46-47 F '64. (MIRA 17:6)

3840. BIOCHEMICAL ALTERATIONS IN RESPONSE TO STRONG DOSES OF IONIZING IRRADIATION (Russian text) - Libenson R. E. - BIOFIZIKA 1959, 4/1 (89-100) Graphs 4 Tables 4

DNA and RNA phosphorus levels in bone marrow, spleen, liver, brain and ovary in irradiated dogs differed markedly from those in controls. The decrease of DNA and RNA in bone marrow was greater and appeared earlier than in the other tissues. When the dog died during the actual exposure, the DNA per g. body weight showed a decrease of 38% and the average content per bone-marrow cell a decrease of 50%. The RNA content did not decrease so sharply. The degree of decrease was greatest in bone marrow, followed by first spleen and then liver, with no appreciable changes in brain and ovary. The decrease of DNA was always greater than that of RNA. It was greater in animals that survived longer, and the decrease in the number of cells was also greater in these animals. Irradiation in a powerful ionization field with very high doses (60-150 kr.) led to changes in chemical constitution of DNA: preliminary analyses of preparations from animals so irradiated indicate a decreased nitrogen content. Whole-body irradiation with very high dosage was followed by a large increase of total serum nitrogen. A rise in the serum protein concentration was also observed after 15-240 kr. In experiments on rats, the ChE activity in brain muscle and intestine showed no appreciable changes 1-5 hr. after irradiation with 10-50 kr. ATPase activity of spleen, intestinal mucosa muscle, liver or brain was also little influenced, but ATPase activity in bone marrow was reduced by 50% 5 hr. after irradiation with 50 kr. (II, 5, 14)

LIBENSON, S.S.; PYATA, V.I.

Irrigation of the northern steppe zone of Krasnodar Territory. Sakh. prom. 33 no.2:55-56 F '59. (MIRA 12:3)

1.Giprosakhar (for Libenson). 2.Krasnodarskiy giprovodkhoz (for Pyata).
(Krasnodar Territory--Sugar beets)
(Krasnodar Territory--Irrigation)

LIBENSON, V.S.

Functional conditions of the adrenal cortex in pulmonary tuberculosis. Probl.tub. 38 no.1:41-47 '60. (MIRA 13:10)
(TUBERCULOSIS) (ADRENAL CORTEX)

LIBENSON. V. S. Cand Med Sci -- "Effect of ACTH and cortisone upon the organism of a tuberculosis patient." Mos, 1961 (2nd Mos State Med Inst im N. I. Pirogov). (KL, 4-61, 210)

LIBENSON, V.S. (Moskva)

Problem of hormonal therapy in pulmonary tuberculosis. Klin.med. 38 no.10:28-35 O '60. (MIRA 13:11)

1. Iz kafedry tuberkuleza (zav. - prof. A.Ye. Rabukhin) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. - M.D. Kovrigina) i klinicheskoy bol'nitsy "Zakhar'ino" (glavnyy vrach V.P. Petrik)
(ACTH) (CORTISONE) (TUBERCULOSIS)

PLETNER, N. Kh.; LIBENSON, V.S.; SUMBATOV, G.A.

Some manifestations of hyperfunction of the pituitary-adrenal system in tuberculosis patients following antibacterial therapy. Probl. tub. 41 no.3:79-80'63. (MIRA 16:9)

1. Iz kafery tuberkuleza (zav. - prof. A.Ye. Rabukhin) TSentral'nogo instituta usovershenstvovaniya vrachey i 3-y gorodskoy klinicheskoy tuberkuleznoy bol'nitsy "Zakhar'ino (glavnyy vrach V.P.Petrik, nauchnyy rukovoditel' prof. F.I.Levitin), Moskva.

(PITUITARY GLAND--DISEASES)
(ADRENAL CORTEX--DISEASES) (TUBERCULOSIS)
(CHEMOTHERAPY)

LIBENSON, V.S.

Manifestations of side effects of hormonal preparations observed while treating tuberculosis. Akt. vop. tub. no.2:[illegible] '63.

Results of using ACTH and cortisone in the removal of side effects of antibacterial preparations. Akt. vop. tub. no.2:147-151. '63. (MIRA 17:9)

LIBENSON, V.S.; BRAUDE, V.I.; CHERNYSHEV, V.F.; VASIL'YEV, V.K.

Latent tubercular infection in white mice. Biul.eksp.biol.i med. 58 no.10:47-49 O '64. (MIRA 18:12)

1. Otdeleniye eksperimental'noy patologii i terapii (zav. - doktor med.nauk I.M.Bondarev) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - kand.med.nauk T.P.Mochalova) Ministerstva zdravookhraneniya RSFSR. Submitted April 6, 1963.

OVCHINNIKOV, Viktor Alekseyevich; LIBENSON, Zyama Mikhaylovich; SAMBUR, Anatoliy Mikhaylovich; VOLPYANSKIY, L.M., inzhener, retsenzent; DOVGOPOL, V.I., inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Shell molding at the Ural Car Factory] Lit'e v obolochkovye formy na Uralvagonzavode. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 38 p. (MLRA 9:12)
(Shell molding (Founding))

SMIRNOV, M.S.; DNEPROV, V.N.; LIBENZON, A.A.

Changes of stability and corrosivity of sulfur-bearing diesel fuels during prolonged storage. Khim.i tekh.topl.i masel 7 no.9:51-55 S '62. (MIRA 15:8)
(Diesel fuels--Storage)

GUSACHENKO, Ye.P.; BRYSOV, P.I.; LIBENZON, A.S.; MILEYKO, B.L.

"Technical production standards in the rubber industry" by I.I. Zaitsev, A.V.Myshkis. Reviewed by E.P.Gusachenko and others. Kauch.i rez. 21 no.8:62-64 Ag '62. (MIRA 16:5)
(Rubber industry--Production standards)
(Zaitsev, I.I.) (Myshkis, A.V.)

GEMMERLING, [illegible]V., kand. geol.-min. nauk, red.; GOLYSHEV, A.B., kand. tekhn. nauk, red.; CHURKIN, Yu.M., inzh., red.; LIBENZON, I.R., red.

[Building materials and concrete] Stroitel'nye materialy i betony. Cheliabinsk, 1964. 249 p. (MIRA 17:3)

1. Chelyabinsk. Ural'skiy gosudarstvennyy nauchno-issledovatel'skiy institut sbornykh zhelezobetonnykh izdeliy i konstruktsiy.

LIBENZON, L.A., inzh.; VOL'NOV, Yu.L., inzh.

Making stressed reinforced concrete girders on stands using conical reinforcements. Prom. stroi. 38 no.11:51-53 '60. (MIRA 13:10)

(Girders)

LIBENZON, L. L. Cand Med Sci -- (diss) "Clinical histological examination ~~analysis~~ during ~~the~~ rupture of the cervix uteri in labor." Mos, 1958. 15 pp (Second Mos State Med Inst im N. I. Pirogov), 220 copies (KL, 36-58, 115)

LIBENZON, L.L.

Lacerations of the uterine cervix in labor. Sov. med. 22 no.12:70-73 D '58. (MIRA 12:1)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.A. Lebedev) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(LABOR, compl.
cervical laceration (Rus))
(CERVIX, UTERINE, wds. & inj.
laceration in labor (Rus))

LIBENZON, L.L.

Clinical morphological studies in ruptures of the uterine cervix in labor [with summary in English]. Akush. i gin. 34 no.4:41-46 Jl-Ag '58 (MIRA 11:9)

1. Iz Kafedry akusherstva i ginekologii (zav. - prof. A.A. Lebedev) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(LABOR, compl.
cervical laceration, clin. & morphol. studies in (Rus))
(CERVIX, UTERINE, wds. & inj.
laceration during labor, clin. & morphol. studies in (Rus))

MATSPANOVA, O.D., kand. med. nauk; LANKOVITS, A.V., prof.; KRASOVSKIY, Ye.B., doktor med. nauk, red.; LIBENZON, L.L., kand. med.nauk, red.

[Authors abstracts of scientific papers completed in 1961] Avtoreferaty nauchnykh rabot, vypolnennykh v 1961 g. Red. koll.: O.D.Matspanova i dr. Moskva, 1962. 118 p. (MIRA 16:11)

1. Moscow. (Province) Oblastnoy nauchno-issledovatel'skiy institut akusherstva i ginekologii. 2. Direktor Moskovskogo oblastnogo nauchno-issledovatel'skogo instituta akusherstva i ginekologii (for Matspanova). 3. Zamestitel' direktora po nauchnoy chasti Moskovskogo oblastnogo nauchno-issledovatel'skogo instituta akusherstva i ginekologii (for Lankovits).
(OBSTETRICS) (GYNECOLOGY) (PEDIATRICS)

LIBENZON, Ye.S.

Mineral containing scandium in the Lyangar deposit.
Zap.Uz.otd.Vses.min.ob-va no.13:132-133 '59.
(MIRA 13:7)

(Lyangar region(Uzbekistan)--Scandium)

LIBER, A.I.

Method for calculating the resolving power of a moving camera. Opt.-mekh. prom. 25 no.5:28-32 My '58. (MIRA 11:9)
(Photographic optics)

LIBER, A. YE.

O klasse rimanovykh prostranstv prostoyannoy otritsatel'noy Krivizny. saratov Uchen. zap. UN-TA, ser. fiz. matem., 1 (14):g (1938), 105-122. O vmeshchenii rimanovykh mnogoobraziy postoyannoy krivizny druga. DAN, 55 (1947), 295-298.

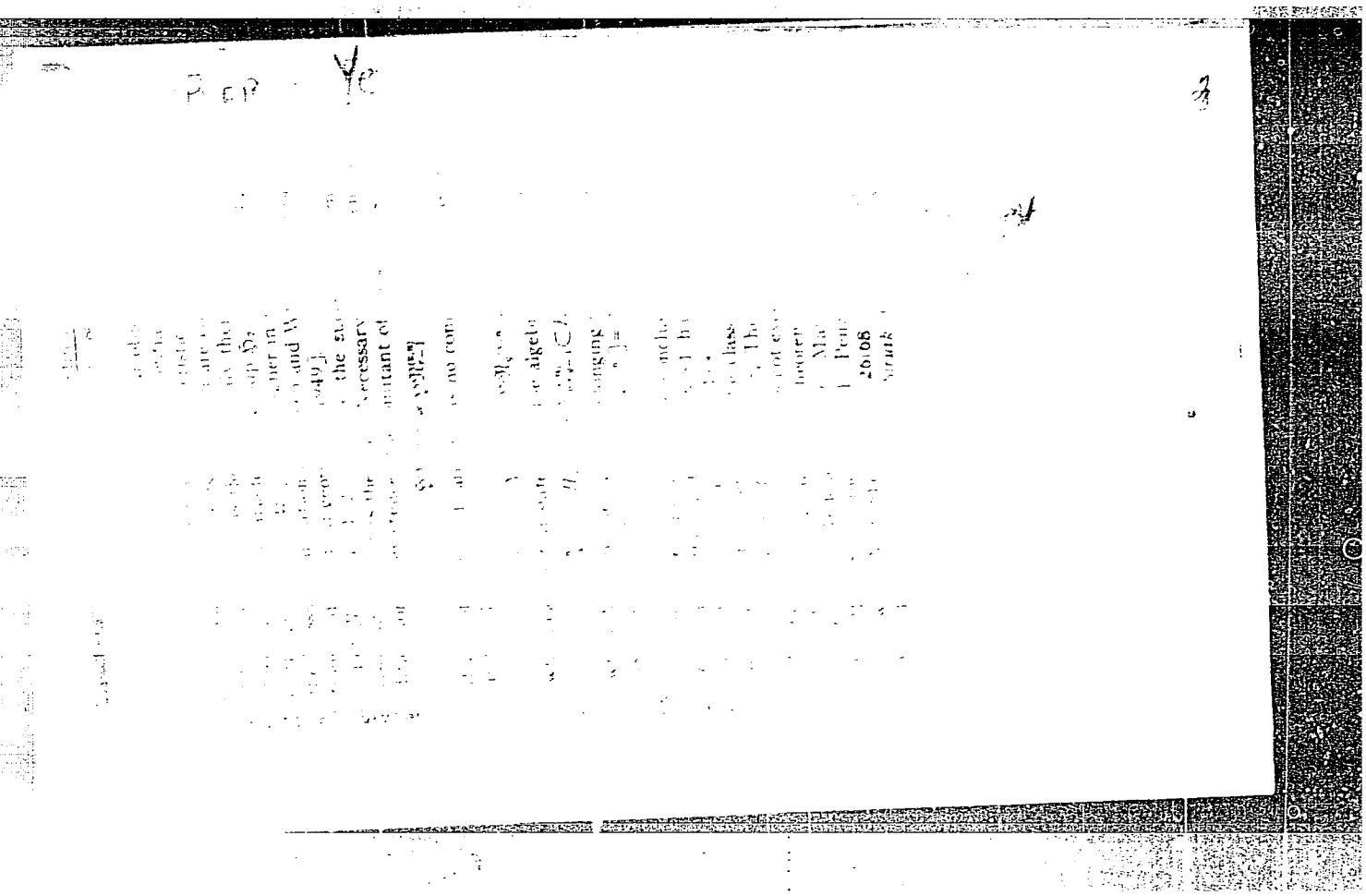
SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.
Markushevich, A. I.
Rashevskiy, P.K
Moscow-Lenigrad, 1948

LIBER, A. Ye.

"The Spaces of a Linear Affine Connectivity with Monoparametric Groups of a Holonome," Dok. AN, 66, No. 6, 1949.

Saratov State Univ. im. N. G. Chernyshevskiy, -c1949-.

"On the Immersion of Riemannian Spaces of Constant Curvature in One Another," Dok. AN, 55, No. 4, 1947.



LIBER, A. Ye.

Liber, A. E. On two-dimensional spaces with an algebraic metric. Trudy Sem. Vektor. Tenzor. Analizu 9, 319–350 (1952). (Russian)

Let $F_2^{(p)}$ be a two-dimensional space endowed with a differential form of order p ($\geqq 3$): $ds^p = a_{\alpha_1 \cdots \alpha_p} d\xi^{\alpha_1} \cdots d\xi^{\alpha_p}$

(α's run over 1, 2) whose discriminant $\mathfrak{A} \neq 0$. The main result of the present paper is that in $F_2^{(p)}$ one can define the invariant linear affine connection $\Gamma^{\alpha}_{\beta\gamma}(\xi)$ depending upon only a point and no line element. §1 is devoted to discussion of algebraic comitants, i.e., many tensor densities as well as the relations among them are derived from the fundamental tensor $a_{\alpha_1 \cdots \alpha_p}$ in a two-dimensional centro-affine space. The important ones of them are the following:

$$\mathfrak{H}_{\alpha_1 \cdots \alpha_{2p-4}}$$

(coefficients of the Hessian of the form $a = a_{\alpha_1 \cdots \alpha_p} x^{\alpha_1} \cdots x^{\alpha_p}$), $\mathfrak{B}^{\alpha_1 \cdots \alpha_{2p-4}}$ (solutions of the system of $2p-3$ independent linear equations:

$$a_{\alpha_1 \cdots \alpha_p \beta} \times \mathfrak{B}^{\alpha_1 \cdots \alpha_p \gamma_1 \cdots \gamma_{p-3}} = 0$$

and

$$\mathfrak{H}_{\alpha_1 \cdots \alpha_{2p-4}} \mathfrak{B}^{\alpha_1 \cdots \alpha_{2p-4}} = \mathfrak{A}),$$

$$\mathfrak{C}_{\alpha_1 \cdots \alpha_p} = \mathfrak{B}^{\lambda_1 \cdots \lambda_{p-2}}{}_{\alpha_1 \cdots \alpha_{p-2}} \times a_{\alpha_{p-1} \alpha_p \lambda_1 \cdots \lambda_{p-2}}, \quad \mathfrak{L}_{\alpha_1 \cdots \alpha_p; \lambda_1 \cdots \lambda_{p-2}}$$

(solutions of the system of $p(p-2)$ independent equations:

$$\mathfrak{B}^{\alpha_1 \cdots \alpha_p \gamma_1 \cdots \gamma_{p-2}} \mathfrak{L}_{\alpha_1 \cdots \alpha_p; \lambda_1 \cdots \lambda_{p-2}} = \mathfrak{A} \delta^{\gamma_1}_{\alpha_1} \cdots \delta^{\gamma_{p-2}}_{\lambda_{p-2}}),$$

and

$$\mathfrak{C}^{\alpha_1 \cdots \alpha_p \gamma} \mathfrak{L}_{\alpha_1 \cdots \alpha_p; \lambda_1 \cdots \lambda_{p-1}} = 0)$$

and three quantities $\mathfrak{P}_{\mu\nu}{}^{\omega\beta\alpha_1 \cdots \alpha_p}$, $\underset{1}{\mathfrak{P}}_{\omega\beta\alpha_1 \cdots \alpha_p}$, $\underset{p-3}{\mathfrak{P}}{}^{\beta\alpha_1 \cdots \alpha_p \gamma_1 \cdots \gamma_{p-3}}$ which are all symmetric in the indices $\beta\alpha_1 \cdots \alpha_p$ and linear combinations of the quantities $\mathfrak{B}$ and $\mathfrak{C}$ (omitting indices), satisfying the relations

$$(1) \qquad \mathfrak{P}_{\mu\nu}{}^{\omega\beta\alpha_1 \cdots \alpha_p} a_{\lambda\alpha_1 \cdots \alpha_p} = \mathfrak{A} \delta^{\beta}_{(\mu} \delta^{\alpha_1}_{\nu)} \delta_{\lambda}{}^{\omega},$$

$$\underset{1}{\mathfrak{P}}_{\omega}{}^{\beta\alpha_1 \cdots \alpha_p} a_{\lambda\alpha_1 \cdots \alpha_p} = \mathfrak{A} \mathfrak{C}^{\beta\alpha_1} e_{\lambda\omega}, \quad \text{etc.},$$

where we raise and lower indices by the unit skew-symmetric tensors $\mathfrak{E}^{\alpha\beta}$ and $e_{\alpha\beta}$ respectively. In §2 the object of affine connection in $F_2^{(p)}$ is defined completely by the condition $\mathfrak{P}_{\mu\nu}{}^{\omega\beta\alpha_1 \cdots \alpha_p} \nabla_{\beta} a_{\alpha_1 \cdots \alpha_p} = 0$, that is,

$$\Gamma^{\omega}_{\mu\nu} = [1/p\mathfrak{A}] \mathfrak{P}_{\mu\nu}{}^{\omega\beta\alpha_1 \cdots \alpha_p} \partial_{\beta} a_{\alpha_1 \cdots \alpha_p}$$

Page 1 -
(Cont'd)

AMICAL REVIEWS (unclassified)
Vol, No. 7, July-Aug 1953, pp.609-712.

LIBER, A. E.

making use of the relation (1). Then the covariant derivative of the fundamental tensor $\nabla_\beta a_{\alpha_1\cdots\alpha_p}$ can be expressed in a linear form in the three fundamental quantities S_β, $\mathfrak{S}^{\lambda_1\cdots\lambda_{p-1}}$, $\mathfrak{T}^{\lambda_1\cdots\lambda_{p-1}}$ with coefficients composed of the fundamental tensor and the quantity $\mathfrak{L}$, where the quantities S, $\mathfrak{S}$ and $\mathfrak{T}$ are obtained by contracting

$$\frac{-1}{2p\mathfrak{A}}\mathfrak{P}_{\beta}{}^{\beta\alpha_1\cdots\alpha_p}{}_1, \quad \frac{p-4}{(p-2)\mathfrak{A}}\mathfrak{P}^{\beta\alpha_1\cdots\alpha_p\lambda_1\cdots\lambda_{p-4}}$$

and

$$\frac{1}{\mathfrak{A}}\mathfrak{P}^{\beta\alpha_1\cdots\alpha_p\lambda_1\cdots\lambda_{p-3}}$$

with $\partial_\beta a_{\alpha_1\cdots\alpha_p}$ respectively. Therefore any differential comitant of order q of the fundamental tensor can be expressed by an algebraic comitant of the fundamental tensor, S, $\mathfrak{S}$, $\mathfrak{T}$ and their covariant derivatives of order $q-1$ with respect to the invariant connection. The relations $S=0$, $\mathfrak{S}=0$, $\mathfrak{T}=0$ are necessary and sufficient for $F_2^{(p)}$ to be flat, i.e., for there to exist a coordinate system in which $a_{\alpha_1\cdots\alpha_p}$ are all constants. Moreover, it is proved that $\mathfrak{S}=0$, $\mathfrak{T}=0$ are necessary and sufficient for existence of the connection $\bar{\Gamma}^\kappa_{\mu\nu}=\Gamma^\kappa_{\mu\nu}+2S_{[\mu}\delta_{\nu]}{}^\kappa$ for which $\bar{\nabla}_\beta a_{\alpha_1\cdots\alpha_p}=0$ and that $\mathfrak{S}=0$ is necessary and sufficient for existence of the connection

$$\bar{\Gamma}^\kappa_{\mu\nu}=\Gamma^\kappa_{\mu\nu}-\frac{2}{p}a^\kappa{}_{\mu\nu\lambda_1\cdots\lambda_{p-2}}\mathfrak{T}^{\lambda_1\cdots\lambda_{p-1}}$$

for which $\bar{\nabla}_{(\beta}a_{\alpha_1\cdots\alpha_p)}=0$.

SO: MATHEMATICAL REVIEWS (unclassified)
Vol. 14, No. 7, July-Aug. 1953, pp.609-712.

Page 2. (cont'd)

LIBER, A.E.

The conformal transformation $^*a=\lambda a$ is considered in §3 and we have the conformal invariant quantities $\overset{(h)}{\mathfrak{W}}$, $\mathfrak{S}$, $\mathfrak{T}$ defined by $\mathfrak{F}^{\lambda\mu}\nabla_\lambda S_\mu$, $|\mathfrak{A}|^{1/2(p-1)}\mathfrak{S}$, $|\mathfrak{A}|^{1/2(p-1)}\mathfrak{T}$ respectively. Concerning these fundamental quantities many theorems are proved. For example, the vanishing of these three quantities is necessary and sufficient for conformal flatness of $F_n^{(p)}$. A similar discussion is given in §4 in the space $\mathfrak{F}_n^{(p)}$ endowed with a field of pseudo-tensor $A_{a_1\cdots a_p}$ whose discriminant does not vanish. Since the space $\mathfrak{F}_n^{(p)}$ may be also considered the one endowed with a p-textile (p-Gewebe), some theorems concerning p-textiles are obtained. Finally, the general theory is applied to the special cases $p=3$, 4 in §5. Because $\mathfrak{S}=0$, $\mathfrak{T}=0$ for $p=3$ and $\mathfrak{S}=0$ for $p=4$, the theory becomes considerably simpler in these special cases.

A. Kawaguchi (Sapporo).

SO: MATHEMATICAL REVIEWS (unclassified)
Vol. 14, No. 7, July-Aug. 1953, pp.609-712.

Pg. 3

USSR/Mathematics - Surfaces in Central- 1 Jul 52
Affine Space

"Theory of Surfaces in Central-Affine (Vector) Space," A. Ye. Liber

"Dok Ak Nauk SSSR" Vol LXXXV, No 1, pp 37-40

Vector n-dimensional space B_n can be considered as geometric n-space with fundamental group GL(n) which is the group of automorphisms of space B_n; this geometric space is isomorphic to central-affine n-space E_n. The concepts of m-surfaces, m-planes, etc., carry over to vector n-space; in particular, to m-plane passing through center of E_n corresponds

224T86

m-dimensional subspace B_m of space B_n. The study of geometric forms in B_n is convenient in that the results obtained are interpreted simultaneously both for point forms and also for hyperplane forms in central-affine n-space. Submitted by Acad I. G. Petrovskiy 30 Apr 52.

224T86

LIBER, A. YE .

LIBER, A. E.

1/2

Mathematical Review.
June 1954
Algebra

Liber, A. E. On symmetric generalized groups. Mat. Sbornik N.S. 33(75), 531–544 (1953). (Russian)

A étant un ensemble donné, on désigne par S_A et on appelle groupe généralisé symétrique le groupe généralisé au sens de Vagner [cf. l'analyse ci-dessus] de toutes les relations biunivoques entre éléments de A. Le présent travail résout pour S_A les problèmes résolus par Malcev [Mat. Sbornik N.S. 31(73), 136–151 (1952); ces Rev. 14, 349] pour le demi groupe de toutes les applications de A dans A. Il se divise en trois parties: Dans la première, on donne une caractérisation algébrique des groupes généralisés symétriques basée sur le concept d'élément "primitif". Cette caractérisation est, du reste, différente de celle donnée indépendamment par E. S. Lyapin [Doklady Akad. Nauk SSSR (N.S.) 88, 13–15 (1953); ces Rev. 15, 395]. On y trouve une démonstration nouvelle du théorème de Schreier: tout automorphisme d'un groupe généralisé symétrique est intérieur.

Dans la seconde partie on montre que l'ensemble des idéaux de S_A coïncide avec l'ensemble des idéaux J_ξ quand ξ parcourt les nombres cardinaux, J_ξ étant constitué par l'ensemble des biunivoques $\Sigma \subset A \times A$ dont la puissance $\#\Sigma$ est inférieure à ξ. On étudie certaines équivalences com-

Liber, A.E.

patibles: On désigne par $\mathcal{E}_\xi$ l'équivalence compatible $(J_\xi \times J_\xi) \cup \Delta$. Si n est entier fini, on désigne par $\mathcal{E}_n$ l'équivalence compatible définie par: $\Sigma_1 \equiv \Sigma_2 \bmod \mathcal{E}_n$ si et seulement si $\Sigma_1 = \Sigma_2$ ou $\#\Sigma_1 < n$ et $\#\Sigma_2 < n$ ou $\#\Sigma_1 = \#\Sigma_2 = n$, $\mathrm{pr}_1\Sigma_1 = \mathrm{pr}_1\Sigma_2$, $\mathrm{pr}_2\Sigma_1 = \mathrm{pr}_2\Sigma_2$ et $\Sigma_2^{-1}\Sigma_1 \in \mathfrak{N}_n$ où $\mathfrak{N}_n$ est un sous groupe distingué du groupe symétrique de degré n. Si ξ est un cardinal infini, on désigne par $\mathcal{E}_\xi$ l'équivalence compatible définie par $\Sigma_1 \equiv \Sigma_2 \bmod \mathcal{E}_\xi$ si et seulement si

$$\max\{\#\Sigma_1 \cap \Sigma_2', \#\Sigma_2 \cap \Sigma_1'\} < \xi$$

(Σ' désignant le complémentaire de Σ).

Dans la troisième partie, on montre que toute relation d'équivalence compatible avec la structure de S_A est intersection d'équivalences de la forme $\bar{\mathcal{E}}_\xi \mathcal{E}_\eta$ $(= \bar{\mathcal{E}}_\xi \cup \mathcal{E}_\eta)$ où $1 \leq \xi \leq \rho \leq \eta + 1$, η désignant la puissance de A.

J. Riguet (Paris).

LIBER, A. Ye.

Mathematical Reviews
Vol. 15 No. 3
March 1954
Geometry

6-23-71
cc

Liber, A. E. On the theory of surfaces in projective space. Doklady Akad. Nauk SSSR (N.S.) 90, 137–140 (1953). (Russian)

The manifold of all one-dimensional subspaces B_1 of an $(n+1)$-dimensional vector space B_{n+1} is called an $(n+1)$-dimensional pseudo-vector-space $\mathfrak{B}_{n+1}$. Every B_1 is uniquely determined by an element $\mathfrak{X}$. A basis in B_{n+1} is determined by $\mathfrak{X}^i$, $i=1, 2, \cdots, n+1$, which transform as the components of a contravariant vector in B_{n+1} and in B_1. A space B_{n+1} is isomorphic to a central-affine E_{n+1} and a subspace B_1 to an E_1, which is a line passing through the center of E_{n+1}. The pseudo-vector space $\mathfrak{B}_{n+1}$ can therefore be mapped on the manifold of all central lines of E_{n+1}. We can consider the pseudo-vector $\mathfrak{X}^i$ as the connecting affinor of the two central-affine spaces E_{n+1} and E_1 in the sense of V. V. Vagner in his introduction to the translation of Veblen-Whitehead's "Foundations of differential geometry" [Izdat. Inostn. Lit., Moscow, 1949]. With the aid of these concepts the differential geometry of m-dimensional manifolds S_m in a projective space P_n can be developed; the arithmetization of such a P_n is realized by a one-to-one mapping on $\mathfrak{B}_{n+1}$. To every point η^a $(a=1, \cdots, m)$ of the S_m belongs a radial E_1 isomorphic to B_1 determined by $\mathfrak{X}(\eta^a)$. The tangent B_m is defined by m independent pseudo-vectors $\mathfrak{X}_a=\partial_a\mathfrak{X}+\gamma_a\mathfrak{X}$; when $B_{n+1}=B_1+B_m+B_{n-m}$, then B_{n-m} gives the rigging. The resulting equations fall into two groups:

$$D_a\mathfrak{X}=\mathfrak{X}_a, \quad D_a\mathfrak{X}_b=h^c_{ab}\vec{n}_p+g_{ab}\mathfrak{X}, \quad D_a\vec{n}_p=h^i_{ap}\mathfrak{X}_i+w_{ap}\mathfrak{X},$$

(over)

and

$$\bar{R}_{ab}=2g_{[ab]},\quad h^p_{[ab]}=0,\quad D_{[a}h^p_{b]c}=0,$$

$$R^d_{abc}=2h^p_{[c|c|}h^d_{b]p}-2\delta^d_{[a}g_{b]c}+2g_{[ab]}\delta^d_c,\quad D_{[a}h^c_{b]p}+\delta^c_{[a}w_{b]p}=0,$$

$$R^d_{abp}=2h^c_{[a|p|}h^d_{b]c},\quad D_{[a}g_{b]c}+h^p_{[b|c|}w_{a]p}=0,\quad D_{[a}w_{b]p}+h^c_{[b|p|}g_{a]c}=0,$$

where the $\bar{n}_p$ form a basis for the rigging and $\bar{R}_{ab}$, $R^{\cdots d}_{abc}$ and $R^{\cdots d}_{abp}$ are the curvature affinors in the radial, tangent and rigging composite manifolds. If the γ_a, Γ^c_{ab}, Γ^c_{ap} and the h^p_{ab}, h^c_{ap}, g_{ab}, w_{ap} are given and satisfy the given conditions, then the S_m in P_n is determined but for automorphisms of P_n. It is further shown how an invariant rigging can be obtained.

D. J. Struik (Cambridge, Mass.).

LIBER, A. E.

1/2

Liber, A. E. On the theory of generalized [illegible]. Izv. Akad. Nauk [illegible] (Russian)

A "generalized group" was defined by V. V. Vagner [Mat. Sbornik N.S. 32(74), 545–632 (1953); these Rev. 15, 501] to be a semigroup (associative system) G satisfying the following two conditions: (1) for each element g of G possesses a "generalized inverse" $\bar{g}$ in G, i.e. $g\bar{g}g = g$ and $\bar{g}g\bar{g} = \bar{g}$. (2) any two idempotent elements of G commute. Vagner showed that $\bar{g}$ in (1) is unique. The present author shows conversely, that if (1) holds with unique $\bar{g}$, then (2) holds. G is called "simplest" if, in addition, $gg^{-1} = g^{-1}g$ for all g in G. It is shown that G is simplest if and only if the set I of all idempotent elements of G is contained in the center of G. A simplest generalized group is a class sum of groups with commuting identity elements, the structure of which was found by the reviewer [Ann. of Math. (2) 42, 1037–1049 (1941); these Rev. 3, 199]. Suppose now that G is a generalized group such that I contains a zero element z_0. Let G_0 be the set of all elements g in G such that $g^{-1}g = z_0$. Then $gG_0 = G_0$, and G_0 is a subgroup and an ideal of G. [In

LIBER, H. E

other words, G_0 is the group of zeroid elements of G.] Suppose that I contains an identity element e. Then e is also an identity element of G. The set G_e of all g in G such that $g^{-1}g = e$ is a subsemigroup of G, not in general a group, since we may have $g^{-1}g = e$ but $gg^{-1} \neq e$. If, however, I is finite, then G_e is a group. If I is just two elements or just three elements [illegible] simplest. [illegible] Baltimore, Md.

LIBER, A.Ye. (Saratov)

Geometry of surfaces in spaces with a given fundamental group.
Uch.zap.Kaz.un. 115 no.10:9-11 '55. (MLRA 10:5
(Geometry, Differential)

LIBER, A. YE.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress, Moscow, Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.

Liber, A. Ye. (Saratov). On the Geometry of $\mathcal{M}$-Surfaces in Affine and Projective Spaces.

157-158

LIBER, A. YE.

Transactions of the Third All-union Mathematical Congress (Cont.) Call Nr: AF 1108825
Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.
Liber, A. Ye. (Saratov). To the Theory of Geometrical Items.

Lyushkin, V. S. (Moscow). Vector Method of Transforming the Systems into Simple Form of Differential Equation. 158-159

Manevich, V. A. (Moscow). On the Representation of Elements of Collineation System of II and III Degree As a Product of Two Polar Correspondences and on Some Collineation Properties Connected With This Problem. 160

There are 2 references, both of them USSR.

Nikolayenko, M. A. (Khar'kov). On Characteristics of Monge Equation. 160

Norden, A. P. (Kazan'). On the Geometric Interpretation of Certain Concepts of Spinor Analysis. 160

Card 51/80

LIBER, A.Ye.

Theory of surfaces in n-dimensional space with a given fundamental group. Trudy Sem. po vekt. i tenz. anal. no.10:193-226 '56.
(MIRA 10:3)
(Surfaces)

LIBER, A. Ye., Doc Phys-Math Sci -- (diss) "Surface Geometry in Spaces with a Given Fundamental Group." Saratov, 1957. 14 pp (Mos State Univ im M. V. Lomonosov), 135 copies (KL, 50-57, 117)

AUTHORS: Liber, A. Ye, Penzov, Yu. Ye, and Rashevskiy, P.K. SOV/42-13-6-29/33

TITLE: Viktor Vladimirovich Vagner (on the Occasion of his 50th Birthday) (Viktor Vladimirovich Vagner (K pyatidesyatiletiyu so dnya rozhdeniya))

PERIODICAL: Uspekhi matematicheskikh nauk, 1958, Vol 13, Nr 6, pp 221-227 (USSR)

ABSTRACT: V.V.Vagner was born at Saratov in 1908. In 1927 he has finished the pedagogical technical school at Balashov, 1930 the correspondence course at the 2nd Moscow State University. Since 1932 he was aspirant under Prof. V.F. Kagan at Moscow. In 1935 - doctor dissertation on the differential geometry of non-holonomic manifolds. Since 1937 chair for geometry at the Saratov University. Domain of scientific work: non-holonomic, Riemannian, and Finsler geometry, geometric theory of partial differential equations. Vagner has published 62 papers (1935-1956). There is a photo of Vagner.

Card 1/1

LIBER, A.Ye.

Differential comitants of some linear objects. Izv. vys. uchab. zav. mat. no. 6:158-162 '60. (MIRA 14:1)

1. Saratovskiy gosudarstvennyy universitet im. N.G. Chernyshevskogo.
(Mathematical analysis)

LIBER, A.Ye.

Quasi-line-elements as characteristic objects of subgroups of a linear group. Trudy Sem.po vekt.i tenz.anal. no.12:63-70 '63. (MIRA 16:6)
(Groups, Theory of)

LIBER, A.Ye.; CHUDAKOV, N.G.

Mathematics at Saratov. Usp. mat. nauk 18 no.2:235-238 Mr-Ap '63. (MIRA 16:8)

(Saratov--Mathematics)

BURMISTROV, Ye.F., dots., red.; VAGNER, V.V., prof., red.; LIBER, A.Ye., prof., red.; FAL'KOVICH, S.V., prof., red.; PERSHIN, A.I., st. prepodavatel', red.; PERSOVA, V.M., red.

[Work of young scientists; mathematics issue] Trudy molodykh uchenykh; vypusk matematicheskii. Saratov, 1964. 121 p. (MIRA 18:8)

1. Saratov. Universitet. 2. Kafedra matematiki i statistiki Saratovskogo ekonomicheskogo instituta (for Pershin).

LIBER, Isaak Semenovich; LEVCHENKO, Ya.V., inzh., red.; FREGER, D.P., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Heating systems with concrete heating surfaces]Sistemy otopleniia s betonnymi nagrevatel'nymi poverkhnostiami; stenogramma lektsii. Leningrad, 1962. 28 p. (MIRA 15:8)
(Concrete construction) (Radiant heating)

MECHAYEV, M.A., redaktor; KOLBENKOV, S.P., redaktor; LIBER, I.S., redaktor.

[Problems of municipal gas supply; lectures at conference-courses on municipal gas supply] Voprosy gazosnabzheniia gorodov; trudy Konferentsii-kursov po gazosnabzheniiu gorodov. [Redaktirovanie osushchestvili M.A.Mechaev i I.S.Liber] Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1953. 207 p. (MLRA 7:1)

1. Vsesoyuznoye nauchnoye inzhenerno-tekhnicheskoye obshchestvo energetiki. (Gas appliances) (Gas manufacture and works)

LIEER, I.S., inzh.; IVANOV-SKOBLIKOV, P.V., red.; FREGER, D.P., tekhn.red.

[Industrial reinforced concrete structural elements for the sanitary engineering of apartment houses] Industrial'nye zhelezobetonnye konstruktsii sanitarno-tekhnicheskikh ustroistv zhilogo doma. Leningrad, 1955. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.16(64)) (MIRA 10:12)

(Concrete construction) (Sanitary engineering)

VOLOTSKIY, Nikolay Ivanovich; LIBER,I.S., inzhener, redaktor; KAPLAN,M.Ya., redaktor; PUL'KINA,Ye.A., tekhnicheskiy redaktor

[Innovation in work on the installation of a gas supply system for the heating of buildings; experience of Leningrad innovators] Novoe v rabotakh po ustroistvu sistem gazosnabzheniia i otopleniia zdanii; iz opyta leningradskikh novatorov. Leningrad, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 39 p. (MLRA 9:3)
(Gas--Heating and cooking)

LIBER, I.S.; FEDOROV, M.K.; MECHAYEV, M.A., inzhener, nauchnyy redaktor; KARPOV, V.V., redaktor izdatel'stva; PUL'KINA, Ye.A., tekhnicheskiy redaktor

[Concrete sanitary engineering blocks and heating installations] Betonnye sanitarno-tekhnicheskie bloki i nagrevatel'nye pribory. Leningrad, Gos. izd-vo po stroit. i arkhitekture, 1956. 65 p. (MIRA 9:10)
(Concrete blocks)
(Heating)

LIBER, I.S., inzhener.

The hydraulic resistance of gas welded T-bends and crosspieces for pipelines. Biul.tekh. inform. 3 no.5:23-27 '57. (MIRA 10:10)
(Water pipes) (Pipe fittings)

LIBER, I.S. (Leningrad)

Determining local resistance coefficients for welded T pieces and crosspieces made from water and gas pipes. Vod. i san. tekh. no.3:27-30 Mr '59. (MIRA 12:2)
(Pipelines--Welding)

LIBER, I.S., inzh.

Prefabricating sanitary-engineering units for large-panel apartment houses. Biul.tekh.inform.po stroi. 5 no.8:14-16 Ag '59. (MIRA 12:11)
(Precast concrete construction)
(Sanitary engineering)

LIBER, Isaak Semenovich; LVOV, Zh.Ya., inzh., nauchnyy red.; KAPLAN, M.Ya., red.izd-va; PUL'KINA, Ye.A., tekhn.red.

[Large precast sanitary-engineering construction elements for apartment houses] Sbornye ukrupnennye elementy sanitarno-tekhnicheskikh ustroistv zhilykh domov. Leningrad, Gos.izd-vo lit-ry po stroitel'stvu, arkhit. i stroit.materialam, 1960. (MIRA 13:5)
123 p.

(Precast concrete construction)
(Sanitary engineering)

LIBER, I.S. (Leningrad)

Hydraulic calculation of hot-water heating systems by the dynamic pressure method. Vod. i san. tekh. no.11:23-28 N '60.
(MIRA 13:11)

(Hot-water heating)

LIBER, Isaak Semenovich; LEVCHENKO, Ya.V., red.; FOMICHEV, A.G., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[New heating system for residential and public building] Novaia sistema otopleniia zhilykh i grazhdanskikh zdanii; stenogramma lektsii. Leningrad, 1961. 32 p. (MIRA 14:7)
(Heating)

KONOKOTIN, V.V.; ZATSEPIN, V.N.; LIBER, I.S., inzh., nauchnyy red.; MAKSIMOV, K.G., red.izd-va; PUL'KINA, Te.A., tekhn.red.

[Sanitary engineering installations in buildings] Sanitarno-tekhnicheskie ustroistva zdanii. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 245 p. (MIRA 14:4)

(Sanitary engineering)

LIBER, I., inzh.

Concrete heating devices. Na stroi. Ros. no.7:26-27 Jl '61.
(MIRA 14:8)

(Heating--Equipment and supplies)

LIBER, I.S.; YAKOVLEV, P.S.; BERNADSKIY, G.I., inzh., nauchnyy red.; BESPALOV, I.V., red.izd-va; PUL'KINA, Ye.A., tekhn. red.

[Sanitary-engineering work in the construction of industrial buildings and apartment houses] Proizvodstvo sanitarno-tekhnicheskikh rabot v promyshlennom i grazhdanskom stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 318 p. (MIRA 15:3)
(Plumbing)

LIBERMAN, L.A.

Some clinical genetic forms of diabetes mellitus. Vest. AMN SSSR 20 no.3:37-44 '65. (MIRA 18:7)

1. Laboratoriya meditsinskoy genetiki AMN SSSR i Institut usovershenstvovaniya vrachey, Leningrad.