

DONOSHEVICH, A.G.

Variation of the moment of momentum of a star during accretion.
Astron. zhur. 43 no. 1:105-107 Ja-F '66 (MIRA 19:2)

1. Submitted April, 19, 1965.

ABELEV, M.Yu.; LOKOSHKEVICH, N.M.

The 18th Conference in the V.V. Kuibyshev Institute of
Engineering in Moscow. Osn. fund. 1 mekh. grun. 6 no. 4/28
30 '64. (MIRA 17/12)

BOROSHEVICH, P.F. (Shyaulyay, Islovaŭskoy SSR, ul. Leninskaya, 7, kv.12)

Spontaneous rupture of the inferior mesenteric artery simulating
"acute abdomen". Vest. khir. 92 no.2: 17-9' 1964.

(MIRA 17:9)

1. Iz respublikanskoy bol'nitsy (glavnyy vrach - K.Yu.
Knizikiyavichus) goroda Shyaulyaya Litovskoy SSR.

EL'KIN, G.I., inzh.; DOROSHEVSKIY, V.V., kand. tekhn. nauk;
POTRAVKO, A.A., inzh.; PEKAR', G.M., inzh.

Measurement of the speed of dusty air and gas currents
in pipelines, Elek. sta. 34 no.7:81-82 J1 '63.

(MIRA 16:8)

DOROSHIN, V.M., ish.

Mechanisation of the manufacture of reinforced concrete products
on stretching beds. Bet. 1 shel.-bet. 8 no.2:68-71 F '62.
(MIRA 16:5)
(Prestressed concrete)

DOROSHIN, Ye. R., inzh.

Analysis of electromechanical processes in the operation of antislipping
devices. Vest. TSNIIMPS 21 no. 7:11-16 '62. (MIRA 15:12)
(Electric locomotives—Safety appliances)

DOROSHIN, Ye.R., inzh.

Method for designing electric anti-air circuits. Vest. TSNII
MPS 22 no.7:26-32 '63. (MIRA 16:12)

DOROSHIN, Ye.R., inzh.

Optimum conditions for the elimination of skidding. Vest. TSNII
MPS 23 no.5:18-22 '64. (MIRA 17:11)

VESELOVA, T.P., kand. veterinarnykh nauk; VOROB'YEV, M.A.,
veterinarnyy vrach; DOROSHINA, M.V., veterinarnyy vrach

Possibilities for the application of technical carbon tetra-
chloride in cattle fascioliasis. Veterinariia 39 no.10:29-30
0 '62. (MIRA 16:6)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryabina.

(Carbon tetrachloride)
(Liver fluke)
(Parasites--Cattle)

VESELOVA, T.P., dotsent; VOROB'YEV, M.A., mladshiy nauchnyy sotrudnik;
DOROSHINA, M.V., veter. vrach

The fasciolicidal preparation hexachlorparaxylol. Veterinariia
40 no.4:52 Ap '63. (MIRA 17:1)

1. Vsesoyuznyy institut gel'mintologii imeni akademika
K.I. Skryabina.

VESELOVA, T.P.; VOROB'YEV, M.A.; VELIKOVSKAYA, Yu.A.; KOSTENKO, T.F.;
DOROSHINA, M.V.

Toxicity of hexachloroethane for cattle. Veterinaria 41
no.4:56-57 Ap '64. (MIRA 17:8)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryabina.

VESELOVA, T.P., kand. vet. nauk; VOROB'YEV, M.A., mladshiy nauchnyy
sotrudnik; DOROSHINA, M.V., mladshiy nauchnyy sotrudnik;
VELIKOVSKAYA, Yu.A., vet. vrach; KOSTENKO, T.P., uchenyy
zootekhnik

Significance of the injection of hexachloroethane in medicinal
form to the cattle with fascioliasis. Trudy VIGIS 11:202-206
'64. (MIRA 18:12)

POYARKOV, A.A.; VESELOVA, T.P.; VOROB'YEV, M.A.; DOBOSHINA, N.V.

Testing hexachloro-para-xylene against fascioliasis in sheep.
Veterinariia 31 no.2:49-50 F '65. (MIRA 18:3)

1. Nachal'nik Oblastnogo veterinarnogo otdela Smolenskoy oblasti
(for Poyarkov). 2. Vsesoyuznyy institut gel'mintologii imeni
akademika K.I. Skryabina (for all except Poyarkov).

L 13296-66

ACC NR: AP6000331

SOURCE CODE: UR/0286/65/000/021/0020/0020

INVENTOR: Drapkina, D. A.; Brudz', V. G.; Terskoy, Ya. A.; Doroshina, N. I.; 27
Plitina, I. P.; Korol'kova, O. N. 8

ORG: none

TITLE: A method for producing a phosphorogen of red 630-(639)-5-(4'-diethylamino-benzylidene)-barbituric acid. Class 12, No. 175969 [announced by the All Union Scientific Research Institute of Chemical Reagents and Especially Pure Chemical Substances (Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osobo chistyykh khimicheskikh Veshchestv)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 20

TOPIC TAGS: phosphorescent material, luminescence, surface active agent

ABSTRACT: This Author's Certificate introduces a method for producing a phosphorogen of red 630-(639)-5-(4'-diethylaminobenzylidene)-barbituric acid by condensation of barbituric acid with 4-diethylaminobenzaldehyde in the presence of an alkali. The luminescence intensity of the product is increased by conducting the

Card 1/2

UDC: 547.854.5.07

L 13296-66

ACC NR: AP6000331

condensation in a aqueous medium in the presence of surfaca-active agents, e.g. OP-7.

SUB CODE: 07/' SUBM DATE: 26Jun64/ ORIG REF: 000/ OTH REF: 000

Jw
Card 2/2

KULIZADE, Kyazym Novruz Ali ogly, kand. tekhn. nauk, dots.;
DOROSHINSKIY, A.S., red.; SHTEYNGEL', A.S., red. izd-va:

[Electrical equipment in oil production] Elektrooborudovanie v
neftedobyche. Baku, Aerneftneshr, 1960. 531 p.
(MIRA 15:7)
(Oil fields--Electric equipment)

DOROSHKEVICH, N.M.

Series 1 BOOK REFERENCES 007/002

Geological, Mineralogical

Polyethylene-optically active isotacticity experimentally study methods
U.S. Patent 3,075 and (Optical Polarization Method for Stress Analysis
Transactions of the Conference of February 15-21, 1958). (United States
Patent Office, Washington, D.C., 1960. 51 p. Extra slip inserted. 2,500 copies printed.
Lithographic print.)

1959, No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

MINERAL This collection of 98 articles is intended for scientists and engineers concerned with experimental stress analysis of machine parts and structural components.

CONCRETE The collection contains reports presented at the conference on optical polarization methods in stress analysis held February 15-21, 1958, in the Republic of China, the People's Republic of China, the German Democratic Republic, and the Republic of Czechoslovakia. The report discusses general theoretical

problems and new methods of investigation and describes apparatus and materials used in the optical method. Specific problems include: two-dimensional and three-dimensional problems occurring in structural members under stress; in casting structures; in various types of heavy and precision machine design; in drilling, metalworking, and the control of stresses in products of the glass and electrical industries; in any given, solution of the three-dimensional problem by the method of problem associated with plasticity; creep, shrinkage, and other phenomena; etc.; in laminated form. In particular, the methods are described and illustrated at the end of VI of the reports.

Optical Polarization Method (Cont.) 007/002

- 20. **Poliquerra, A.J., and F.G. Kowalski.** Application of the Optical Method to Stress Analysis of Three-Dimensional Systems. 390
- 21. **Poliquerra, A.J.** Analysis of Stresses Around the Notch Point of the Kirsch-type Oil Hydrostatic Pressure Plant. 390
- 22. **Poliquerra, A.J.** On Solution of the Three-Dimensional Problem of Stress Concentration in the Vicinity of a Cylindrical Hole. 393
- 23. **Poliquerra, A.J.** Application of the Optical Polarization Method to the Analysis of Stresses in a Cylindrical Hole. 393
- 24. **Poliquerra, A.J.** Study of the Characteristics of Stress Distribution in a Cylindrical Hole. 393

Cont. 11/12

BOGDANOVA, Anna Aleksandrovna; DOROSHKEVICH, Nina Orestovna;
ZLOCHEVSKAYA, Khioniya Yefimovna; SAPUNOV, O.K., red.;
TIKHONOVA, Ye.A., tekhn. red.

[English language for marine electricians] Angliiskii iazyk
dlia sudovykh elektromekhanikov. Moskva, Izd-vo "Morskoi
transport," 1962. 167 p. (MIRA 16:4)
(Electricity on ships)
(English language--Technical english)

DOROSHEVICH, P.F.

Hard board for patients with injuries of the spine. Ortop., travm.
1 protez. 21 no. 11:64-65 '60. (MIRA 14:4)

(SPINE—WOUNDS AND INJURIES)
(ORTHOPEDIC APPARATUS)

DOROSHEVSKIY, V, inzhener.; LUGOVENKO, A., inzhener.

~~Removing dust from tunnels underneath elevator bins. Muk.-elev. prom.~~
23 no.4:26 Ap '57. (MIRA 10:5)

1. Odesskiy tekhnologicheskii institut (for Doroshevskiy). 2. Odesskiy
mel'nichnyy kombinat No. 2. (for Lugovenko).
(Grain elevators) (Dust--Removal)

DOROSHEVSEY, V. V. ingh.

Continuous control of pneumatic grain handling and ventilating
installations of flour mills. Muk.-elev.prom. 24 no.3:16-17
Mr '58. (MIRA 12:9)

1. Odesskiy tekhnologicheskii institut im. I.V.Stalina.
(Grain-handling machinery) (Ventilation)

DOROSHEVSKIY, V. V., Candidate of Tech Sci (diss) -- "The problem of the technological need for continuous aerodynamic production control of the ventilation equipment of flour-and-groats enterprises". Odessa, 1959. 15 pp (Min Higher Educ Ukr SSR, Odessa Tech Inst im I. V. Stalin), 150 copies (KL, No 22, 1959, 115)

ROSHIN, G.YA.

Roshin, G. Ya. and Troitskiy, S.K. "The characteristics of the spawning conditions of the Kuban sturgeon, 1944-47," Trudy Rybovodno-biol. laboratorii Azherryivoda, Issue 1, 1949, p. 111-30, - Bibliog: 5 items

SO: U-5241, 17 December 1953, (Lotopis 'zhurnal 'nykh S aroy No. 26, 1941).

DOROSHIN, K., starshiy leytenant.

Cable tester. Voen. aviaz. 16 no. 5145-47 My '58.
(Electric cables--Testing)

(MIRA 11:5)

1. DOROSHIN, V.
2. USSR (600)
4. Moscow - Meat Industry
7. Specialty store for the district food trade. Sov. torg. No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

DOROSHINA, N. I.

"Lubricant for metal die pressing," D. A. Drapkin, Sh. O. Shumakher, I. G. Matveyev, E. S. Pankova, A. D. Parkhomovskaya, L. N. Kalugina, and N. I. Doroshina. U.S.S.R. 105, 249, Mar. 25 1957.

The lubricant, called prepn. "P-18," is a tech. mixt. of isomers of tetraisopropyldiphenylmethane.

BRUDZ', V.G.; DRAPKINA, D.A.; Frinimali uchastiye: DOROSHINA, N.I.
laborant; PANKOVA, E.S., laborant

Synthesis of N,2-benzylaminoethanol. Trudy IREA no.22:142-
146 '58. (MIRA 14:6)

(Ethanol)

DOROSHINSKIY, A.S.

Valuable scientific and practical manual ("Collected sample calculations on 'Oil-field electrical equipment'" by K. N. Kulizade. Reviewed by A.S. Doroshinskii). Azerb. neft. khov. 38 no.3:10 Mr '59.

(MIRA 12:6)

(Oil fields--Equipment and supplies)

(Kulizade, K.N.) .

DOROSHKOVICH, A. A.

"The Phasic Development and Variability of Microorganisms", Zhur Mikrobiol, Epidemiol
i Imunobiol, No. 6, pp 75-77, 1950.

DOROSHKEVICH, A. A.

Cond. Medical Sci.

"The Mutability of Bacteria of the Dysentery Group." Sub 5 Jun 51,
Central Inst for the Advanced Training of Physicians.

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

SO: Sum. No. 480, 9 May 55.

DOROSHKEVICH, A. A.

"Microflora in the Middle Ear and in the Blood of Children Suffering From Dysentery and Its Complications," Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii No 1, 1953 pp 80-89.

Chair of Microbiology of the Chernovtsy Medical Institute

Abstract W-27098, 25 Jul 53

DOROSHEVICH, A.A.

Effect of a conditioned stimulus on the formation of immunological reactions. Zhur. vys. nerv. deiat. 4 no.1:108-115 Ja-F '54.
(MLRA 7:8)

1. Kafedra mikrobiologii i kafedra normal'noy fiziologii Ryazan-
skogo meditsinskogo instituta im. akad. I.P.Pavlova.

(REFLEX, CONDITIONED,

*eff., immun. reaction)

(IMMUNITY,

*eff. of conditioned reflex on form. of)

L 5444-65 EWT(1)/EWP(m)/T IJP(c) GW

ACCESSION NR: AP5019230

UR/0056/65/049/001/0170/0181

AUTHOR: Doroshkevich, A. G.; Zel'dovich, Ya. B.; Novikov, I. D.

TITLE: Gravitational collapse of asymmetrical and rotating masses

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 1, 1965, 170-181

TOPIC TAGS: gravitation, stellar evolution, cosmogony, gravitation effect, gravitation field

ABSTRACT: The theory of stars contracting without limit, hitherto developed for a simple model of a spherical body, is extended in this article to include non-spherical and asymmetrical stars. It is proved rigorously that the characteristic pattern of gravitational self-closing is valid also for the general case. Moreover, collapse of a non-rotating body leads to damping (proportional to the reciprocal of the time) of the quadrupole and higher field moments as seen by an external observer. The variation of a rotating body is shown to be different. The changes in the metric, connected with the rotation of the local inertial frame, are shown to tend to a nonvanishing constant value, but otherwise the collapse remains qualitatively the same as in the spherical case. Static nonspherical solutions of Einstein's

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L 5444-66

ACCESSION NR: AP5019230

equations are investigated and the properties of the Schwarzschild surface are analyzed for the case of static field with axial symmetry, a rotating body with an external field, a Schwarzschild sphere in an external quadrupole field, and the collapse of a perturbed spherical dust cloud. Orig. art. has: 1 figure and 20 formulas.

ASSOCIATION: none

SUBMITTED: 16Dec64

ENCL: 00

SUB CODE: GP, AA

NR REF SOV: 006

OTHER: 010

Card 2/2 *hd*

04.6500

S/056/62/043/001/011/056
B125/B102

AUTHOR: Doroshkevich, A. G.

TITLE: Storage of cold neutrons

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,
no. 1(7), 1962, 79-80

TEXT: The total lifetime of cold neutrons with respect to capture and heating in a cubic cavity of 1 m³ capacity with beryllium walls was estimated to be approximately 1.2 hrs at the beryllium lattice temperature $T_e = 300^{\circ}\text{K}$ and 10 hrs at $T_e = 100^{\circ}\text{K}$. The mean penetration depth of monochromatic neutrons with uniformly distributed energies $E < E_{\text{crit}}$ into the walls is $\sim 10^{-6}$ cm. The lifetime of the neutrons with respect to capture by the walls is ~ 17 hrs. The probability of heating of the neutrons by reflection from surface vibrations of the walls can be determined from a calculation of their scattering by a potential of the form

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VA

Storage of cold neutrons

S/056/62/043/001/011/056
B125/B102

$$V = V_1 + V_2, \quad V_1 = \begin{cases} U_0, & x > 0 \\ 0, & x < 0 \end{cases}, \quad V_2 = \begin{cases} 0, & x > x_0 \sin \omega' t > 0 \\ -U_0, & x_0 \sin \omega' t > x > 0 \\ U_0, & x_0 \sin \omega' t < x < 0 \\ 0, & x < x_0 \sin \omega' t < 0 \end{cases} \quad (1),$$

J.A

where ω' and x_0 , respectively, denote the frequency and amplitude of the surface vibrations. The potential neutron energy U_0 in a beryllium crystal is $\approx 4 \cdot 10^{-19}$ erg. It is noted that only long-wave oscillations were taken into consideration, which can macroscopically be described in terms of the potential V_2 and do not considerably affect the lifetime of neutrons preserved in sufficiently large cavities.

SUBMITTED: May 18, 1961.

Card 2/2

DOROSHKEVICH, A.G.; ZEL'DOVICH, Ya.B.

Development of perturbations of arbitrary form in a homogeneous
medium with low pressure. Astron. zhur. 40 no.5:807-811 S-0 '63.
(MIRA 16:11)

ACCESSION NR: AP4012962

S/0020/64/154/004/0809/0811

AUTHORS: Doroshkevich, A.G.; Novikov, I.D.

TITLE: The average radiation density in the metagalaxy, and some problems of relativistic cosmology

SOURCE: AN SSSR. Doklady*, v. 154, no. 4, 1964, 809-811

TOPIC TAGS: electromagnetic radiation, spectral distribution, cosmology, astrophysics, metagalaxy, Euclidean space, empty space, metagalactic expansion, intergalactic dust, atmospheric noises, metric space, diffuse matter

ABSTRACT: A comparison of the calculations with the observations of the electromagnetic radiation in the metagalaxy would facilitate the definition of the nature of galactic evolution, provide information on the state of the matter in the early stages of metagalactic expansion as well as possible data on the processes occurring in interstellar and intergalactic space. Experiments in this field, however, are complicated by such factors as galactic dispersion, the

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ACCESSION NR: AP4012962

difference between metric and Euclidean space and the presence of diffuse matter in intergalactic space. The experiment under consideration was based on the assumption that the intergalactic medium is completely transparent. The presence of diffuse matter alone does not in any way affect the isotropic radiation field. An analysis of the observation data on the relative distribution of various types of galaxies within the stellar population shows that the energy distribution per unit of volume in the metagalactic radiation spectrum can be approximated in the optical and infrared regions by the sum of two Planck curves with a temperature of $T_1 = 10,000^\circ\text{K}$ (type I of stellar population) and $T_2 = 5,000^\circ\text{K}$ (type II stellar population), and with an equal integral intensity at the present time. No reliable data on the evolution of the galaxies are as yet available. "The authors are profoundly grateful to Prof. S. B. Pikel'ner for his valuable advice, and Acad. Ya. B. Zel'dovich for his numerous discussions of the project." Orig. art. has: 2 figures.

Card 2/32

ACHKEKAN, N.S., prof., doktor tekhn.nauk; DOROSHKEVICH, A.M., kand.tekhn.
nauk; DROZDOVSKAYA, I.S., inzh.; KUZOVKOV, N.T., kand.tekhn.nauk;
ARTOBOLEVSKIY, I.I., akademik, red.; IOVLEVA, N.A., tekhn.red.

[Automation in the machinery industry abroad; collected translations]
Avtomatizatsiia v mashinostroenii za rubeshom; sbornik perevodov.
Pod obshchii red. I.I.Artobolevskogo. Moskva, Izd-vo inostr.lit-ry,
1959. 321 p. (MIRA 13:4)
(Automation) (Machinery industry)

DOROSHKEVICH, A.M., kand. tekhn. nauk, dots.; FROLIKOV, A.I., red.

[Introduction to theoretical mechanics; statics] Vvedenie v
teoreticheskuiu mekhaniku; statika. Uchebnoe posobie. Mo-
skva, Mosk. poligr. in-t, 1962. 141 p. (MIRA 16:4)
(Statics)

~~DOROSHKEVICH, A.M., dots., kand. tekhn. nauk; FROLIKOV, A.I., red.;~~
BERNSHTEYN, T.I., tekhn. red.

[Lectures on kinematics] Lektsii po kinematike. Moskva,
Mosk. poligraficheskii in-t, 1961. 89 p. (MIRA 16:9)
(Kinematics)

DOROSHKEVICH, A.M., dots., kand. tekhn. nauk; FROLIKOV, A.I., red.;
BERNSHTEYN, T.I., tekhn. red.

[Textbook on Dynamics] Uchebnoe posobie po dinamike. Moskva, Mosk. poligr. in-t, 1962. 159 p. (MIRA 16:10)
(Dynamics)

DOROSHKEVICH, A.M., kand. tekhn. nauk, dotsent

Determining the parameters of a helical movement securing
the given positioning of a part. Izv. vys. ucheb. zav.;
mashinostr. no.9:5-13 '63. (MIRA 17:3)

1. Moskovskiy poligraficheskiy institut.

DOROSHKOVICH, A.M., kand. tekhn. nauk, dotsent

Precise adjustment of a part to a given position by a
single screw turn. Izv. vys. ucheb. zav.; mashinostr.
no.10:17-28 '63. (MIRA 17:3)

1. Moskovskiy poligraficheskiy institut.

SMIRNOV, V.I.; DOROSHKEVICH, A.P.; YABLONSKIY, Yu.A.

Effect of the degree of roasting copper-pine concentrates on the results of smelting residues. Izv. vys. ucheb. zav.; tsvet. met. 6 no.4:71-75 '63. (MIRA 16:8)

1. Ural'skiy politekhnicheskiy institut, kafedra metallurgii tyazhelykh tsvetnykh metallov.

(Nonferrous metals—Metallurgy)

(Tailings (Metallurgy))

DOROSHKEVICH, L. A., Cand Tech Sci -- (diss) "Certain problems
of ^{the} armoring and ^{design of reinforced} ~~concrete~~ ^{flexible} concrete ~~bending~~ elements
^{based upon} ~~investigation~~ the action of transverse forces." L'vov, 1957.
22 pp with ill's; ^{1 sheet of tables} (Min of Higher Education Ukr SSR, L'vov Poly-
technic Inst), 130 copies. Bibliography at end of text (12
titles) (KL, 35-58, 108)

SOV/124-58-1-1195

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 152 (USSR)

AUTHOR: Doroshkevich, L. A.

TITLE: ~~On the Design of Beams for Shear~~ (O raschete zhelezobetonnykh balok na poperechnuyu silu)

PERIODICAL: V sb.: 15-ya nauchn. konferentsiya Leningr. inzh.-stroit. in-ta. Leningrad, 1957, pp 70-73

ABSTRACT: Description of tests and presentation of a proposed calculation method.

Reviewer's name not given

Card 1/1

DOROSHNIK, Lyudmila Ivanovna

BORISOV, Anatoliy Aleksandrovich; DOLININ, Aleksey Arkad'yevich; DOROSHNIK-
VICH, Lyudmila Ivanovna; NIKOLAYNA Madexhda Vasil'yevna; TRUBITSIN,
V.I., redaktor; GLEBYKH, D.A., tekhnicheskiy redaktor

[Finland; a sketch of its economy and geography] Finliandiia; eko-
nomiko-geograficheskii ocherk. Moskva, Gos.isd-vo geogr.lit-ry,
1955. 143 p. (MIRA 9:1)
(Finland--Economic conditions)

BARSOV, Nikolay Nikolayevich, dotsent, kand.geograf.nauk; BOMIFAT'YEVA, Lidiya Ivanovna, dotsent, kand.geograf.nauk; BURENKO, Sergey Fedorovich, dotsent, kand.geograf.nauk; GITLITS, Semen Aleksandro- vich, dotsent, kand.ekonom.nauk; GUREVICH, Priam Vladimirovich, prof.; DARINSKIY, Anatoliy Viktorovich, dotsent, kand.geograf.nauk; DOLININ, Aleksey Arkad'yevich, dotsent, kand.geograf.nauk; DOROSHEVICH, Lyudmila Ivanovna, dotsent, kand.geograf.nauk; YEFIMOVA, Yelena Se- manovna, kand.geograf.nauk; LAVROV, Sergey Borisovich, dotsent, kand. geograf.nauk; LEDOVSKIKH, Stepan Ivanovich, dotsent, kand.geograf. nauk; NEVEL'SHTEYN, Grigoriy Solomonovich, dotsent, kand.geograf. nauk; NIKOLAYEVA, Nadezhda Vasil'yevna, dotsent, kand.geograf.nauk; OLANESOV, Vladimir Artem'yevich, kand.geograf.nauk; PINKHENSON, Dmitriy Moiseyevich, dotsent, kand.geograf.nauk; POSPELOVA, Nata- liya Georgiyevna, prof., doktor ekonom.nauk; SEMEVSKIY, Boris Nikola- yevich, prof., doktor geograf.nauk; SUTYAGIN, Pavel Grigor'yevich, dotsent, kand.geograf.nauk; SHTEYN, Viktor Moritsovich, prof., doktor ekonom.nauk; YEROFEYEV, I.A., red.; SMIRNOVA, N.P., red.; TYUTYUNNIK, S.G., red.kart; BORISKINA, V.I., red.kart; KOZLOVSKAYA, M.D., tsikh.n.red.

[Economic geography of foreign countries; student manual] *Ekonomi- cheskaya geografiya zarubezhnykh stran; posobie dlia studentov.* Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 702 p. # maps (MIRA 13:12)

(Geography, Economic)

DOLIN, Aleksey Arkad'yevich; DOROSHKEVICH, Lyudmila Ivanovna;
DEREVYANKINA, L.A., red.

Peru. Moskva, Mysl', 1964. 254 p. (MIRA 17:12)

DOROSHKEVICH, N.I., tekhnik

Using precast reinforced-concrete supports in the mines of the
Leninogorsk Combine. Shakht. stroi. 5m.6:23-24 Je '61.
(MIRA 14:6)

1. Leninogorskoye shakhtostroyupravleniye.
(Precast concrete construction)
(Leninogorsk region(Altai Mountains)—Mine timbering)

DOROSHEVICH, N.M., assistant

~~Distribution~~ of stresses in pile foundations. Nauch.dokl.vys.shkoly;
stroit. no.4:97-104 '58. (MIRA 12:7)

1. Rekomendovana kafedroy osnovaniy i fundamentov Moskovskogo inzhenerno-stroitel'nogo instituta imeni V.V. Kuvshcheva.
(Foundations) (Piling (Civil engineering)) (Strains and stresses)

AUTHOR: Doroshkevich, N.M.

NOV/3-58-12-27/43

TITLE: Intervuz Scientific and Methodical Conferences (Mezhvuzovs-kiye nauchnyye i metodicheskiye konferentsii). An Important Problem of Construction (Vazhnaya problema stroitel'stva)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 12, p 75 (USSR)

ABSTRACT: The problem of investigating the supporting properties of soil is of special significance in view of the wide scope of construction. The conference convened by the Moskovskiy inzhenerno-stroitel'nyy institut (MISI) on these questions therefore attracted the attention of higher educational and scientific-research institutions. N.A. Cytovich, Member Correspondent of the AS USSR, reported on the results of the International Congress on the Mechanics of Soil Strength and Foundation Construction held in London at the end of 1957. The wide application of the latest methods of re-search, e.g., by means of radioactive methods of emanation, had a favorable effect on the development of this branch of science. This was the subject dealt with by Professor I.I. Cherkasov and Candidate of Technical Sciences Ye.M. Filippov. Vsesoyuznyy nauchno-issledovatel'skiy institut geofiziki

Card 1/3

SOV/3-58-12-27/43

Intervuz Scientific and Methodical Conferences. An Important Problem of Construction.

(All-Union Scientific-Research Institute of Geophysics), Engineer I.V. Dudler (Gidroproyekt) and others. Candidate of Technical Sciences D.Ye. Pol'shin (Nauchno-issledovatel'skiy institut osnovaniy - Scientific-Research Institute of Foundations), stated that various processes taking place in the soil can be studied with the help of radioactive methods. Candidate of Technical Sciences Ya.L. Kogan (Gidroproyekt) reported on the use of piezodynamometers when examining the capillary pressure in soils and its influence on the processes taking place there. The Engineers D.S. Baranov and N.N. Uskov (MISI) spoke on the same subject. Several reports were devoted to the problem of creeping clayey soils when displacing it. Professor N.N. Maslov (Moskovskiy avtomobil'no-dorozhnyy institut - Moscow Automobile and Road Institute) suggested a new solution for the problem of speedy removal of the supporting structure in case of a flat deformation. Engineer A.M. Skibitskiy (Gidroproyekt) generalized the results of experiments in studying the creeping of compact clay foundations at the Kuybyshev and Saratov GES. The rated characteristic of the soil in case of displacement can be obtained by various methods, e.g., by preliminarily packing

Card 2/3

SOV/3-58-12-27/43

Intervuz Scientific and Methodical Conferences. An Important Problem of Construction.

the soil or taking into account capillar pressure. According to Ye.S. Lovetskiy, Engineer of Gidroproyekt, this method does not reflect correctly the characteristics of the soil under given conditions. An experimental method is required. By further studying this problem, Engineer V.A. Durante (Gidroproproyekt) told of the soil's capability to pack depending on the speed of work. The speeches of Professors N.Ya. Denisov (MISI), M.N. Gol'dshteyn (Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo transporta - Dnepropetrovsk Institute of RR Engineers) and G.M. Lomize (Moskovskiy energeticheskii institut - Moscow Power Engineering Institute) dealt with research of forest grounds.

ASSOCIATION: Moskovskiy inzhenerno-stroitel'nyy institut imeni V.V. Kuybysheva (Moscow Engineering and Construction Institute imeni V.V. Kuybyshev)

Card 3/3

BARTOLOMEY, A.A.; DOROSHKEVICH, N.M.

Settling of single-row pile foundations. Osn., fund. i mekh. grun.
7 no.5:15-18 '65. (MIRA 18:10)

DOROSHEVICH, N. M. , Cand of Tech Sci -- (diss) " Study of Ground
Pressures near Pile-driven Foundations," Moscow, 1959, 22 pp
(Moscow, Order of Labor Red Banner Engineering-Construction Institute
imeni V. V. Kuybyshev) (KL 4-60, 118)

DOROSHKEVICH, N.T., dots.

Creating artificial collateral circulation in endarteritis.
Khirurgiya 34 no.8:143 Ag '58 (MIRA 11:9)

1. Iz Stalinskogo instituta usovershenstvovaniya vrachev
(dir. - prof. A.N. Aravlyanskiy).
(OMENTUM--BLOOD SUPPLY)

DOROSHEVICH, N.Y.

Some data on the gas potential of coals in the Kuznetsk Basin.
Izv. vys. ucheb. zav.; geol, i razved. 3 no. 10:75-80 0 '60.
(MIRA 13:12)

1. Treat Kuzbassuglegeologiya.
(Kuznetsk Basin--Mine gases)

DOROSHEVICH, P.F.

Noble's operation in adhesive disease. Vest. khir. no.10:

114-115 '64.

(MIRA 19:1)

1. Iz Shyaulyayskoy respublikanskoy bol'nitsy Litovskoy SSR
(glavnyy vrach - K. Knizikevichus [K. Knizikevicius], nauchnyy
rukovoditel' raboty - zav. 3-y khirurgicheskoy kafedroy Leningrad-
skogo ordena Lenina instituta usovershenstvovaniya vrachey prof.
N.I. Blinov).

L 45298-66 EWP(e)/EWI(m)/EWP(t)/ETI/EWP(k) JP(c) JD
ACC NR: AP6020956 SOURCE CODE: UR/0226/66/000/006/0006/0010

AUTHOR: Roman, O. V.; Doroshkevich, Ye. A.

ORG: Belorussian Polytechnic Institute (Belorusskiy politekhnicheskiy institut)

TITLE: Sintering powder-metal parts pressed by pulse loads

SOURCE: Poroshkovaya metallurgiya, no. 6, 1966, 6-10

TOPIC TAGS: sintered metal, powder sintering metal, crystal defect, crystal lattice

ABSTRACT: The sintering of powder-metal parts pressed on a powdering machine has been studied. It was found that accelerated pressing promotes the compaction of briquettes, generally at an early stage. The principal cause of this action is assumed to be the increase in defects in the crystal lattice. Orig. art. has: 3 figures and 2 tables. [Based on authors' abstract] [NT]

SUB CODE: 11/ SUBM DATE: 18Dec65/ ORIG REF: 010/ OTH REF: 003/

DOROSHKO, I. N., (Ukrainian IEV)

"On Immunological Properties of Individual Strains of the Virus of Fowl Plague," *from FOWL PLAGUE (from material submitted to the Editorial Office), reviewed by F. K. Borisovich.

SO; Veterinariya, Vol 23, No 8-9;16-18, Moskva, 1946
Trans 102 by L.Lulich

* and "Immunity in Fowl Plague and Vaccination"

DOROSHKO, I. N., Cand. of Vet. Sci.; Ukrainian Inst. of Experimental Vet. Med.

"A New method of dehelminthization of fowl with carbon tetrachloride."
SO: Veterinariya 25 (4), 1948, p. 27/

1. PROKOF'YEVA, M. T. and DOROSHKO, I. N. and ZOLOTOV, N. N.
2. USSR (600)
4. Pullorum Disease
7. Importance of local strains for increasing the sensibility of the pullorum disease antigen. Nauch.trudy UIEV 18 1951.

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

DOROSHKO, I. N.

Fowl plague and the measures of the fight against it. Kiev. Agricultural Publishing House, Ukrainian SSR. 1952. 40 pages with illustrations. Price 50 kopers. 30,000 copies. In Ukrainian.

Invasive diseases, physiology, therapy and pharmacology (collected works). Moscow. State Agricultural Publishing House. 1952. 124 pages with illustrations. Price 4 rubles, 55 kopers. 2,000 copies. (Main administration of Agricultural Propaganda, Ministry of Agriculture USSR. Proceedings of the All-Union Institute of Experimental Veterinary Medicine, Volume 19, No 2.)

SO: Veterinariys; 30; (1); Jan 53, Uncl. TABCON

PROKOF'YEVA, M.T., kandidat veterinarnykh nauk; ~~.....~~ DOROSHKO, I.M., kandidat veterinarnykh nauk.

Using a specific serum and vaccine to control paratyphoid fever in poultry. Veterinariia 30 no.6:28-32 Je '53. (MLRA 6:5)

1. Ukrainskiy institut eksperimental'noy veterinarii.

DOROSHKO, I. N.

USSR/Medicine - Veterinary, Infectious Sinusitis; Silver Nitrate and Protargol

Card 1/1

Author : Doroshko, I. N. and Prokof'yeva, M. T.

Title : On infectious sinusitis in turkeys and its treatment

Periodical : Veterinariya, 31, 43-47, Apr 1954

Abstract : The infectious type of sinusitis in poults is characterized by swelling of the sinuses under the eyes. One of the symptoms of the disease is a watery discharge from the nostrils. The organism causing infectious sinusitis is not known. Mortality rate is highest among poults between 40 and 80 days of age. Good results were obtained in the treatment of infectious sinusitis in turkeys by injecting 4% aqueous solution of silver nitrate and 8% solution of protargol after withdrawal of the exudate from the swollen sinuses. Poults recover within 6-8 days after single injection of these solutions. Single injection of 4% solution of fused silver nitrate into the infraorbital sinus, during the initial stages of infectious sinusitis, breaks up the development of the disease. Illustrations.

Institution : Ukrainian Institute of Experimental Veterinary Medicine

Submitted :

DOROSHEKO, I.N., kand.vet.nauk; PROKOP'YEVA, M.I., kand.vet.nauk

Infectious respiratory diseases in young ducks. Veterinariia 35
no.9:65-69 S '58. (MIRA 11:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy veterinarii.
(Respiratory organs--Diseases) (Ducks--Diseases and pests)

DOROSHKO, I. N., Doc of Vet Sci -- (diss) "Active Immunization Against
Fowl Plague," Khar'kov, 1957, 20 pp (Khar'kov Veterinary Institute)
(KL, 6-60, 124)

PROKOF'YEVA, M.T., doktor veterinarnykh nauk; DOROSHKO, I.N., kand.
veterinarnykh nauk

Infection of baby ducklings with virus hepatitis. Ptitssevod-
stvo 9 no.9:38-40 S '59. (MIRA 12:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'-
noy veterinarii.
(Ducks--Diseases and pests) (Hepatitis, Infectious)

PROKOP'YEVA, M.F., doctor veterinar'nyy: Ukrainy, I.N.

Infectious conjunctivitis in chickens, Vopr. Zoonoz. 26 no. 1: 17-18
1957. (MIRA 18:11)

1. Ukrainian nauchno-issledovatel'skiy institut avianimal'nyy
veterinarii.
(Poultry--Diseases and pests)

PRÓKÓFYEVA, M. T. and DOROSHKO, I. N.

"Virus hepatitis in ducklings."

Veterinariya Vol. 37, No. 3, 1960, p. 38

Doroshko, Cand. Vet. Sci. Ukr. NIIEV

DOROSHKO, I. N., GUROVA, E. I., ZOLOTOV, N. N., IGNATOV, V. A. and PROKOP'YEVA, M. T.

"About the role of a deep permanent litter in epizootiology of hen pullorum disease and tuberculosis."

Veterinariya, Vol. 37, No. 5, 1960, p. 28

Dorosenko - Camb. Vet. Sci. -

Ukr. Sci. Res. Inst. Experimental Vet. -

PROKOF'YEVA, M.T., doktor veterinarnykh nauk; DOROSKO, I.N., kand.-
veterinarnykh nauk

Virus hepatitis in ducklings. Veterinariia 37 no.3:38-40 Mr
'60. (MIRA 16:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy
veterinariii.

(Ducks--Diseases) (Hepatitis, Infectious)

PROKOF'YEVA, M.T., doktor veterinarnykh nauk; DOROSHKO, I.N., kand.
veterinarnykh nauk; GUROVA, Ye.I., kand.veterinarnykh nauk;
ZOLOTOV, N.N., veterinarnyye vrachi

Use of furazolidone in the pullorum disease and paratyphoid fever
of poultry. Veterinariia 38 no.1:41-46 Ja '61. (MIRA 15:4)

1. Ukrainskiy NIIEV.
(Oxazolidinone) (Poultry—Diseases and pests)
(Pullorum disease)

DOROSHKO, I.N., doktor veter.nauk; SMIYAN, Yu.F., veterinarnyy vrach

Production and use of hyperimmune serum against virus hepatitis in ducklings. Veterinariia 39 no.1:35-39 Ja '63. (MIRA 16:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut ptitsevodstva (for Doroshko). 2. Ukrainskaya respublikanskaya veterinarnaya laboratoriya (for Smiyan).
(Hepatitis, Infectious) (Ducks--Diseases and pests) (Serum therapy)

DOROSHKO, I.N., doktor veterin.nauk; SMIYAN, Yu.P., veterinar.vrach

Virus hepatitis in ducklings. Veterinariia 40 no.7:33-40 JI
'63. (MIRA 16:8)

1. Ukrainskiy institut ptitsevodstva (for Doroshko). 2. Ukrainskaya
respublikanskaya veterinar'naya laboratoriya (for Smiyan).
(Hepatitis, Infectious) (Ducks--Diseases and pests)

DOROSHKO, I.N., doktor veterin. nauk; BAYDEVLYATOV, A.B., kand. veterin. nauk; MEZENTSEV, M.F., kand. biolog. nauk; IGNATOV, V.A.

Enzo-otic granulomatosis in hens. Veterinariia 41 no.2:35-40
F '65. (MIRA 18:3)

1. Nauchno-issledovatel'skiy Ukrainskiy institut ptitsevodstva
(for Doroshko, Baydevlyatov, Mezentsv). 2. Glavnyy veterinarnyy
vrach opytnogo khozyaystva "Borki" (for Ignatov).

DOROSHKO, L.P.

Epidemiological analysis of diphtheria morbidity in Kiev during the period 1944-1955. Zhur.mikrobiol.epid. i immun. 28 no.12:20-23
D 157. (MIRA 11:4)

1. Kiyevskogo instituta epidemiologii i mikrobiologii.
(DIPHTHERIA, statistics,
in Russia (Rus)

DOROSHO, L.P., mladshiy nauchnyy sotrudnik

Clinical course of diphtheria in vaccinated persons. Ped., akush. i
gin. 20 no.4:17-21 '58. (MIRA 13:1)

1. Kiyevskiy institut epidemiologii i mikrobiologii (direktor - kand.
med.nauk S.M. Terekhov).

(DIPHTHERIA)

DOROSHKO, L. P., Cand of Med Sci — (diss) "Epidemiological Analysis of Diphtheria Morbidity and the Assessment of Measures Taken to Combat It in Kiev for the Period 1944-1957," Simferopol', 1959, 16 pp (Crimean State Medical Institute im Stalin) (KL, 2-60, 116)

DOROSHEK, M.N.; PROKOP'YEVA, M.I., kand.vet. nauk

Infectious diseases of the respiratory organs in ducks.
Ptitsevodstvo 8 no.8:23-29 Ag '58. (MIRA 11:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy
veterinariii.
(Ducks--Diseases and pests) (Respiratory organs--Diseases)

POL'STER, L.A.; ZKHUS, I.D.; GUSEVA, A.M.; VAGINA, G.P.; VASIL'YEVA, L.B.;
DOROSHKO, R.G.; KLIVITS, M.V.; IAGER, P.I.; MARASANOVA, N.V.;
KHAYIROVA, F.M.; BROS, I.O., *otv.red.*; NIKOLAYEVA, I.N., *red.izd-va*;
TUMANOVSKAYA, Ye.F., *red.izd-va*; MAKUNI, Ye.V., *tekhn.red.*

[Organic matter and clay minerals in eastern Ciscaucasia;
terrigenous Mesozoic and Maikop sediments] Organicheskoe
veshchestvo i glinistyie mineraly Vostochnogo Predkavkaz'ia;
terrigennye mezozoiiskie i maikopskie otlozheniia. Moskva,
Izd-vo Akad.nauk SSSR, 1960. 205 p. (MIRA 14:2)

(Caucasus, Northern--Clay)
(Caucasus, Northern--Organic matter)

DOROSHKO, S. M.

USSR/Geology

Card 1/1 : Pub. 22 - 32/44

Authors : Doroshko, S. M., and Chirkova-Zalesskaya, E. F.

Title : About lower-Devonian deposits in the North-Minusinsk depression

Periodical : Dok. AN SSSR 98/1, 123-126, Sep 1, 1954

Abstract : Geological-lithological information is presented on the lower-Devonian deposits, discovered during 1948-1951 in the North-Minusinsk depression in the region of Matarak and Shunek Lakes (Siberia). Drawing.

Institution :

Presented by : Academician S. I. Mironov, April 8, 1954

~~DOROSHKO, S.M.;~~ CHIRKOVA, -ZALESSKAYA, Ye.F.

Occurrence of lower Devonian deposits in the North Minusinsk Basin.
Trudy Inst.nefti no.5:17-21 '55. (MIRA 8:12)
(Minusinsk Basin--Geology, Stratigraphic)

20-114-3-44/60

AUTHOR: Doroshko, S. M.

TITLE: Formation of Certain Local Structures of the Minusinskaya Depression (Formirovaniye nekotorykh lokal'nykh struktur Minusinskoy depressii)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 3, pp. 613-616 (USSR)

ABSTRACT: In the regional tectonic plan the Minusinskaya depression forms a part of the Sayano-Altayskaya folding range and consists of a system of inter-mountain depressions. Among these depressions, the South and North Minusinskaya and the Nazarovskaya depressions are particularly worth mentioning. The depressions are complicated by the following elevations, running at right angles to its axis and in northwestern direction: Solgonskoye, Batenevskoye and Agra upheavals. By the latter, the depression is divided into the above-mentioned subdivisions (inter-mountain depressions). The author of the paper under review conducted investigations which lasted several years, and this research work made it possible to place the foundation of the Minusinsk depression into the beginning of the Lower Devonian

Card 1/3

20-114-3-44/60

Formation of Certain Local Structures of the Minusinskaya Depression

period. It appears that already at that time the hard bed of the depression was divided into different and separate blocks which underwent slight shifts. Some other authors are of the opinion that among these depressions the South Minusinsk depression is the oldest. The tables and maps compiled with respect to depths and facies demonstrate that during the entire Devonian period and during the largest part of the Lower Carboniferous there existed in the area under investigation a constant deflection. This deflection was oriented mainly in the northwestern direction. Thus the area under consideration formed, from the Lower Devonian to the Lower Carboniferous, a single depression in which a mighty complex of deposits of the Medium and Upper Paleozoic period as well as partly of the Mesozoic period was formed. On the basis of the above, the following conclusions may be drawn:

- 1) The formation of the local structures of the Minusinsk depression began during the Lower Jivet, or even earlier, and was continued periodically during the rest of the Devonian and apparently also during the Carboniferous. 2) The shortening of the depth of the Devonian sediments in the anticline of Zapadno-Togarskaja and Bistryanskaya brachyanticlines and the enlargement at the wings constitute

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Formation of Certain Local Structures of the Minusinskaya Depression 20-114-3-44/60

reasons for the assumption that these anticlinal elevations were formed during sedimentation. 3) Judging from the information available, the Karasukkaya, Altayskaya, and Beloyarskaya anticlines, the structure of the Abakan salt mine etc. may be considered as such structures. Talking about the formation of such structures, the assumption might be voiced that their formation is connected with the shifting of smaller blocks, complicating large blocks, which subdivide the foundation or base of the depression. This assumption finds certain support in the existence of flexures at the wings of some local elevations. There are 1 figure and 3 references, all of which are Soviet.

ASSOCIATION: Petroleum Institute AN USSR (Institut nefti Akademii nauk SSSR)

PRESENTED: December 10, 1956, by S. I. Mironov, Member of the Academy

SUBMITTED: December 8, 1956

Card 3/3

Geol-Min
BOGUSHKO, S.M., Cand ~~Geol-Min~~ Sci --(diss) "Geological structure
and petroleum and gas-bearing quality of Levenian deposits of the Linu-
sinskiy deflection." Mos, 1958, 22 pp (Acad Sci USSR, Inst of Petroleum)
120 copies (KL, 24-58, 117)

Doroshko, S.M.

23-2-44/60

AUTHOR:

Doroshko, S. M.

TITLE:

On the Stratigraphy of the Middle-Paleozoic Deposits of the District of the Lakes Matarak and Shunet (North-Minusinsk Depression) (K stratigrafii srednepaleozoyskikh otlozheniy rayona ozer Matarak i Shunet (Severo-Minusinskaya Vpadina))

PERIODICAL:

Doklady AN SSSR, 1958, Vol. 118, Nr 2, pp. 359 - 360 (USSR)

ABSTRACT:

This depression is the northernmost in the system of intermountain depressions of the south of the Krasnoyarsk country. The Pre-Devonian sediments participating in its structure, Lower- and Pre-Paleozoic ones, form the edges and the base of the depression. It is the so-called Caledonian structural story. It consists of highly metamorphized limestones, slates, tuffs, intrusive rocks and effusives. The Devonian sediments are transgressively and with an angular discordance deposited on this base. They form the Hercynian structural story. In the lower part of the Devonian at the above-mentioned lakes the author separated a volcanogenic-terrigenous complex of rocks (reference 1; figure 1). The author subdivides this complex in 2 strata: a) the lower, volcanogenic and b) the upper, predominantly terrigenous mass. In the lower mass impressions of a primitive flora of Psilophyton were found (reference 2). The

On the Stratigraphy of the Middle-Paleozoic Deposits of the District of the
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upper, terrigenous mass consists of 2 parcels. A flora of Psilophyton also occurs in the greenish-gray tuffogenic sandstones of the lower parcel. A well preserved Ps. Goldschmidtii was found in the tuff-aleurolite. An analysis of this flora together with a determination of the age of its individual forms led to the dating of the age of the containing sediments as Lower Devonian (references 1, 2). Remains of surlpterids were found in the cross section of the lower part of the terrigenous mass in the district of these lakes. By N. I. Novizhilov's opinion these fossils belong to the genus Hughmilleria and represent a new species which is closest to the species H. norvegica (Kiaer). This find beside the primitive Lower-Devonian plants does not contradict the Lower-Devonian age of the deposits under review. The formations which lie higher and which on the whole have a red color, in the region of the two lakes predominantly contain Eifel-flora (references 1, 2). The upper part of the red-colored mass most probably corresponds to the Lower-Givetian. Beside the rocks mentioned Lower-Carboniferous, Permian, Jurassic and Quaternary also participate in the structure of the depression. There are 1 figure, and 2 references, all of which are Slavic.

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PETROLEUM INST. AS 115 < D

20-119-3-47/65

AUTHOR: Doroshko, S. M.

TITLE: On Upper Devonian Deposits in the Sharypovskiy Rayon of the Krasnoyarsk Kray (O verkhnedevonskikh otlozheniyakh Sharypovskogo rayona Krasnoyarskogo kraya)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 3, pp. 560-562 (USSR)

ABSTRACT: The Old-Red-formations of the Upper Devonian Period are widely spread in the Minusinsk-depression. Belyakov & Meleshchenko distinguished in them the following series: Oydanovskaya (red), Kokhayskaya (mainly grey), Tubinskaya (red) and Bystryanskaya (grey). The first two belong to the Frasnian stage, the last two to the Famennian stage. The author places only the first three series to the Upper Devonian Period. Bystryanskaya series belongs to the Lower Carbon Period (according to Ref. 1). The lithologic composition of the first three series together with the fauna found in them is described. The fauna indicates the Frasnian age of the first two and the Famennian age of the corresponding deposits. The author draw the following conclusions from his investigations in the mentioned district: 1. In contra-

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of the Krasnoyarsk Krai

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distinction to earlier works the Upper Devonian age (Fransian) of the deposits near the village of Ivanovka was found. However, the here deposited sediments of the Kokhayskaya series are somewhat different from those of the South Western Part of the Minusinsk depression; they are represented by dolomitized marls, dolomites and marls, which are partly enriched with siderite. 2. If in the eastern and north eastern part of the depression Upper Devonian is represented only by an Old Red mass, the Upper Devonian series mentioned in the beginning can be separated in the Sharypovskiy district (south western part of the Nazarovskaya depression). 3. The data given here indicate that the lagoon marine basin of the Kokhayskoye Period had a considerable extension in the depression area and that it was connected with the south western part of the Nazarovskaya depression by the Uzhurskiye Vorota (Gate). There are 2 figures and 2 references, which are Soviet.

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PETROLEUM INST. AS USSR

DOROSHO, S.M.; MARKEVICH, V.P.

Oil and gas potential of the Mimusinsk Basin. Geol. nefiti i gaza
3 no.9:7-12 S '59. (MIRA 13:1)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.
(Mimusinsk Basin--Petroleum geology)
(Mimusinsk Basin--Gas, Natural--Geology)

DOROSHKO, S.M.

Searching for oil and gas in Devonian sediments of the South
Minusinsk Lowland. Trudy Inst. geol. i razrab. gor. iskop.
1:60-76 '60. (MIRA 14:1)
(Minusinsk Basin--Petroleum geology)
(Minusinsk Basin--Gas, Natural--Geology)

VARENTSOV, M.I.; DOROSHKO, S.M.; KURENKOV, N.T.

Geology, and oil and gas potentials of the Zeya-Bureya Plain. Geol.
i geofiz. 10:3-12 '60. (NIA 14:2)

1. Institut geologii i razrabotki goryuchikh iskopayemykh, Moskva.
(Zeya-Bureya Plain—Petroleum geology)
(Zeya-Bureya Plain—Gas, Natural—Geology)

VARENTSOV, M. I.; DITMAR, V. I.; DOROSHIKO, S. M.; KURENKOV, N. T.; LEVENKO, A. I.
RYABUKHIN, G. Ye.

"Tectonics of oil- and gas bearing depressions in Middle and Central Asia
and in adjacent regions of Siberia and the Far East."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec
1964.

ACC NR: AP7005394 SOURCE CODE: UR/0148/67/000/001/0098/0103
AUTHOR: Ivanushkin, P. F.; Doroshko, V. I.
ORG: Zhdanov Metallurgical Institute (Zhdanovskiy metallurgicheskiy institut)
TITLE: On the problem of distribution of normal stresses on the contact surface during shortening of thin bodies
SOURCE: IVUZ. Chernaya metallurgiya, no. 1, 1967, 98-103
TOPIC TAGS: stress distribution, material deformation, lead, elastic deformation, plastic deformation
ABSTRACT: A 50 ton hydraulic press was used for an experimental investigation of the distribution of normal stresses on the contact surface during upsetting of thin bodies without widening. The deformation was done in a special die with 15 point-contact hydraulic dynamometers. The overall force of the deformation was measured by a hydraulic pressure gauge. A loop oscillograph was used for recording the readings of the dynamometers and pressure gauge. Lead specimens were used with a constant width of 7 mm, heights of 0.85, 1.55 and 4.7 mm and lengths varying from 100 to 270 mm. The contact surface of the die was finished to V8. During the upsetting process, the contact surfaces of specimen and die were dry, flooded with acetone or lubricated with machine oil. The resultant stress distribution curves for reduction of specimens with identical height show a single maximum for low initial ratio of length to height with two

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