

List of publications

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Monographs, dictionaries, encyclopedias

1. Deza E., Deza M.M. (2006) Dictionary of Distances, Elsevier
2. Deza E., Deza M.M. (2008) Encyclopedic dictionary of distances, Nauka, Moscow
3. Deza E., Deza M.M. (2009) Encyclopedia of distances, Springer Verlag
4. Deza E. (2011) Individual trajectories of subject preparation of the mathematics teacher in the system of variable education, MPGU, Moscow
5. Deza E. (2012) Preparation of the mathematics teacher in the conditions of variable education, MPGU, Moscow
6. Deza E., Deza M.M. (2012) Figurate numbers, World Scientific Publishing Company
7. Deza E., Deza M.M. (2013) Encyclopedia of distances, 2-nd edition, Springer Verlag

Teaching books

8. Panteleeva (Deza) E. (1995) Number theory for students of pedagogical universities, MPGU, Moscow
9. Panteleeva (Deza) E. (1995) The distribution of prime numbers, MPGU, Moscow
10. Panteleeva (Deza) E., Karasev G., Chernetsov M. (2000) Mathematics for future students, MSPU, Moscow
11. Deza E., Klimin S., Strunkina T. (2001) United examination in Mathematics, Intellectcentre, Moscow
12. Panteleeva (Deza) E., Karasev G., Kukushkin B. (2002) Mathematics. Tasks for examinations, Vol. 2, MSPU, Moscow

13. Panteleeva (Deza) E., Strunkina T., Chernetsov M. (2002) Materials for the preparation of united examination, Intellectcentre, Moscow
14. Deza E., Karasev G. (2003) Mathematics. Tasks for examinations, Vol. 3, MSPU, Moscow
15. Deza E., Karasev G. (2004) Mathematics. Tasks for examinations, Vol. 4, MSPU, Moscow
16. Deza E., Sanina E. (2004) Rational numbers, TSPU, Tula
17. Deza E., Baulina Y. (2004) Mathematical models, methods and theories, MPGU, Moscow
18. Deza E., Alchimova A. (2006) Discrete Mathematics: Integer points, MSPU, Moscow
19. Deza E. (2007) Zeta Functions and L -functions in Number Theory, Postech, Pohang
20. Deza E., Karasev G., Tsarev A. (2008) Mathematics. Tasks for examinations, Vol. 8, MSPU, Moscow
21. **Deza E., Gmuleva A., Stepaniva L. (2008) Workshop on elementary mathematics: Arothmetics, MCCME, Moscow**
22. **Deza E. (2010) Special numbers of the natural row, URSS, Moscow**
23. **Deza E., Model D. (2010) Bases of discrete mathematics, URSS, Moscow**
24. **Deza E., Kotova L. (2012) Collection of tasks In the number theory, URSS, Moscow**
25. **Deza E., Shakhov Y. (2012) Numerical methods, URSS, Moscow**

Papers (Mathematics)

26. Panteleeva (Deza) E. (1986) New estimation of zeta's sum, VINITI, 8126-b86
27. Panteleeva (Deza) E. (1987) An application of computer for one problem in Analytic Number Theory, Works of MLTI
28. Panteleeva (Deza) E. (1988) An application of new results in the estimation of Vinogradov's integral, VINITI, 157-b88
29. Panteleeva (Deza) E. (1988) An regular estimation of the error term in Dirichlet divisor problem for number fields, VINITI, 1571-b88
30. **Panteleeva (Deza) E. (1988) About divisor problem in number fields, Math. Notes, Vol. 44, 4**

31. Panteleeva (Deza) E. (1988) Some applications of the Vinogradov's method, Works of MLTI, Vol. 205
32. Panteleeva (Deza) E., Shershneva E. (1988) Some notes about programming tools for IBM, Works of MLTI
33. Panteleeva (Deza) E. (1992) Estimations of some arithmetical sums, VINITI, 3281-b92
34. **Panteleeva (Deza) E. (1993) One observation on Dirichlet divisor problem, Math. Notes, Vol. 53, 4**
35. **Panteleeva (Deza) E. (1994) On mean values of certain arithmetical sums, Math. Notes, Vol. 55, 2**
36. Panteleeva (Deza) E. (1995) One estimation of the Riemann zeta-function, Works of MSPU
37. Panteleeva (Deza) E. (1995) New estimation of the Riemann zeta-function and Dirichlet divisor problem, VINITI, 2389-b95
38. Panteleeva (Deza) E. (1996) Estimations of Dirichlet L -functions in critical strip, Works of MSPU
39. Panteleeva (Deza) E. (1997) New estimations of Dirichlet L -series and divisor problem in number fields, VINITI, 3497-b97
40. Panteleeva (Deza) E. (1998) On divisor problem in number fields, Works of MSPU
41. Panteleeva (Deza) E. (2000) On cone of oriented multicuts, Works of MSPU
42. **Deza M., Panteleeva (Deza) E. (2000) Quasi-semi-metrics, Oriented Multi-cuts and Related Polyhedra, European Journal of Combinatorics, Vol. 21, 6**
43. Panteleeva (Deza) E., Varukhina L. (2000) About estimations of the adding functions of Dirichlet series, Works of Department of Mathematics, MSPU
44. Deza M., Dutour M., Panteleeva (Deza) E. (2003) Small cones of oriented polyhedra, American Journal of Mathematical and Management Sciences, Vol. 22, Issue 3,4
45. Deza E. (2003) Divisor problem in the ring of Gaussian integers, Works of MSPU
46. Deza E. (2004) About some generalizations of m -metrics, Works of MSPU
47. Deza E., Varukhina L. (2008) Representations of arithmetic sums over non-trivial zeros of the zeta function, Asian-European Journal of Mathematics, Vol. 1, № 4
48. **Deza E., Varukhina L. (2008) On mean values of some arithmetic functions in number fields, Discrete Mathematics, Vol. 308, Issue 21**

49. Deza E., M.M. Deza, J. Vidali (2011) Cones of weighted and partial metrics, Proceedings of the international conference on Algebra 2010, Advances in Algebraic Structures
50. **Deza E., Deza M.M. (2011) Cones of partial metrics, Contributions to Discrete Mathematics, Vol. 6, № 1**
51. Deza E., Deza M.M. Grishukhin V. (2012) Cones of weighted quasi-metrics, weighted quasi-hypermetrics and of oriented cuts, Mathematics of Distances and applications, Sofia (Bulgaria), Ithea

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52. Panteleeva (Deza) E., Kukushkin B. (1998) About examinations in MPSU, Mathematics in school, Vol. 12
53. Panteleeva (Deza) E., Kukushkin B. (1998) Examinations in MPSU, Kvant, Vol. 6
54. Panteleeva (Deza) E., Kukushkin B. (2000) Examination in Moscow Pedagogical State University, Kvant, Vol. 6
55. Panteleeva (Deza) E., Kukushkin B. (2001) Olympiad in MPSU, Mathematics in school, Vol. 8
56. Panteleeva (Deza) E., Kukushkin B., Braichev G. (2001) About examinations in MPGU, Mathematics in school, Vol. 2
57. Panteleeva (Deza) E., Kukushkin B. (2001) Examinations in MPGU, Kvant, Vol. 6
58. Panteleeva (Deza) E., Kukushkin B. (2002) About examinations in MPGU, Mathematics in school, Vol. 2
59. Panteleeva (Deza) E., Strunkina T., Chernetsov M., Klimin S. (2002) Some notes about united examinations, Problems of testing in education, Vol. 3
60. Deza E., Kukushkin B., Jdanov S. (2002) Examinations in MPGU, Kvant, Vol. 6
61. Deza E. (2003) Arithmetical education of students of pedagogical universities, Works of MPGU
62. Deza E., Kukushkin B., Jdanov S. (2003) About examinations in MPGU, Mathematics in school, Vol. 2
63. Deza E., Kukushkin B., Jdanov S. (2003) Examinations in MPGU, Kvant, Vol. 6
64. Deza E., Kukushkin B., Jdanov S. (2004) About examinations in MPGU, Mathematics in school, Vol. 2

65. Deza E., Kuznetsova O. (2004) Study of special natural numbers by students of pedagogical universities, Works of MPGU
66. Deza E. (2004) About elements of history in installation of the notion of number, Works of MPGU
67. Deza E., Kukushkin B., Braychev G. (2005) About examinations in MPGU, Mathematics in school, Vol. 2
68. Deza E., Kukushkin B., Braychev G. (2005) Examinations in MPGU, Kvant, Vol. 6
69. Deza E. (2005) About a role of two-level system of the highest education in creation of system of elective mathematical courses, Works of MPGU, Issue 10
70. Deza E., Kukushkin B., Braychev G. (2006) Examinations in MPGU, Kvant, Vol. 6
71. Deza E., Kukushkin B., Braychev G. (2006) About examinations in MPGU, Mathematics in school, Vol. 2
72. Deza E. (2006) About a place of arithmetic courses in system of modern mathematical education, Works of MPGU, Issue 11
73. Deza E., Kukushkin B., Jdanov S. (2007) Examinations in MPGU, Kvant, Vol. 6
74. Deza E., Model D. (2007) About a place of recurrent ratios in a course of discrete mathematics, Works of MPGU, Issue 12
75. **Deza E. (2007) About the maintenance of an elective course "Figurate numbers", Mathematics in school, № 4, 5**
76. **Deza E. (2007) About the maintenance of an elective course "Perfect and amicable numbers", Mathematics in school, № 8, 9**
77. Deza E., Kukushkin B., Braychev G. (2007) About examinations in MPGU, Mathematics in school, Vol. 2
78. Deza E., Model D. (2008) Methodical aspects of teaching of discrete mathematics in teacher training University, Works of MPGU, Issue 13
79. Deza E., Kukushkin B., Braychev G. (2008) About examinations in MPGU, Mathematics in school, Vol. 2
80. **Deza E. (2008) Some aspects of formation of individual educational trajectories in the conditions of variable education, Messenger of University of the Russian academy of education, № 1**
81. **Deza E. (2008) About the maintenance of an elective course "Mersenne numbers and Fermat numbers", Mathematics in school, № 5 - 7**

82. Deza E. (2008) Scientific and methodical bases of creation of subject and-level model of an individual trajectory of preparation of the teacher of mathematics, Teacher XXI century, № 4
83. Deza E. (2009) About opportunities of use of information technologies at the organization of educational and research work of students, New technologies in education, № 1
84. Deza E. (2009) Possibilities of creation of individual trajectories fundamental preparation of the mathematics teacher, Science and school, № 1
85. Deza E. (2009) Pythagorean numbers. Elective course, Mathematics at school, № 10
86. Deza E. (2010) Pythagorean numbers. Elective course, Mathematics at school, № 1
87. Deza E. (2012) Level model of subject and professional competences of the mathematics teacher, Pedagogical education and science, № 3
88. Deza E. (2012) Features of implementation of the concept of creation of individual trajectories of fundamental preparation of the teacher of mathematics in the conditions of variable education, Science and school, № 2
89. Deza E. (2012) Basic provisions of the concept of creation of individual trajectories of fundamental preparation of the teacher of mathematics in the conditions of variable education, Messenger of University of the Russian academy of education, № 1
90. Deza E. (2012) The theory and practice of fundamental preparation of the mathematics teacher in the conditions of realization of individual educational trajectories, Teacher XXI century, № 2
91. Deza E. (2012) Disciplines for choice as a component of fundamental preparation of the teacher of mathematics in the conditions of variable education, Alma mater, № 11

Conference papers (Mathematics)

92. Panteleeva (Deza) E. (1989) On Dirichlet divisor problem, Proceedings of Conference on Number Theory, Minsk, Russia
93. Panteleeva (Deza) E. (1990) On a problem of Selberg, Proceedings of Conference on Number Theory, Tashkent, Russia

94. Panteleeva (Deza) E. (1993) Estimations of certain sums with Dirichlet characters, Proceedings of International Conference on Number Theory, Tula, Russia
95. Panteleeva (Deza) E., Kochetkov K. (1995) The amount of integer points in a circle, Proceedings of International Conference on Number Theory, Voronez, Russia
96. Panteleeva (Deza) E., Topunov V. (1996) Number systems as models of reality, Proceedings of International Conference on Number Theory, Tula, Russia
97. Panteleeva (Deza) E. (1997) Computation of generators and facets for the polyhedra of directed distances, Proceedings of International Conference on Computational Mathematics, Bangkok, Thailand
98. Panteleeva (Deza) E. (1997) Generators and facets for the Polyhedra of Directed Distances, Proceedings of International Conference on Statistical Inference, Combinatorics and related areas, Banaras, India
99. Panteleeva (Deza) E. (2000) The Dirichlet divisor problem in number fields, 15 Conference for young algebraists, Workshop on General Algebra, Potsdam, Germany
100. Panteleeva (Deza) E. (2003) Small cones of generalized semimetrics, ISM Symposium on Statistics, Combinatorics and Geometry, the Institute of Statistical Mathematics, Tokyo, Japan
101. Deza E. (2004) Integer points in some domains, Com2Mac Miniworkshop on Two-face embeddings of graphs and applications, Pohang, Korea
102. Deza E., Varukhina L. (2004) About integer points under some hyperbolic surfaces, COE Workshop on Sphere Packings at Kyushu University, Fukuoka, Japan
103. Deza E., Varukhina L. (2004) On integer points in special regions, International conference in Discrete Mathematics with Applications to Information Science and Related Topics, Chongqing, China
104. Deza E. (2006) Integer points in some domains, International Conference on Applied Combinatorics and Graph Theory, Xiamen, China
105. Deza E., Deza M.M. (2007) Similarities and Distances in Biology, Proceedings of PICB's International Xu Cuangqi Conference, Shanghai, China
106. Deza E. (2008) Small cones of generalized semi-metrics, Proceedings of the International Conference on Discrete Mathematics and applications (ICDMA 2008), The School of Science, the University of the Thai Chamber of Commerce, Pohang, Korea
107. Deza E., Deza M.M. (2009) Some generalizations of metrics, International conference "Discrete Geometry and Statistics of Configurations", Moscow, Russia

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108. Panteleeva (Deza) E., Topunov V. (1992) On two views on Arithmetics, Proceedings of Pedagogical Conference, Cheboksary, Russia
109. Panteleeva (Deza) E., Topunov V. (1992) Correlation of theory and practice in course of Arithmetics, Proceedings of Pedagogical Conference, Cheboksary, Russia
110. Panteleeva (Deza) E., Topunov V. (1994) The place of number in teaching courses, Proceedings of International Pedagogical Conference, Moscow, Russia
111. Panteleeva (Deza) E., Topunov V. (1995) On role of course "Number systems" for the preparation of the teacher of mathematics, Proceedings of Pedagogical Conference, Razan, Russia
112. Panteleeva (Deza) E., Topunov V. (1995) Multistage system of teaching in course "Number systems", Proceedings of Pedagogical Conference, Razan, Russia
113. Panteleeva (Deza) E., Topunov V. (1996) On role of special courses for the system of multistage education, Proceedings of Pedagogical Conference, Razan, Russia
114. Panteleeva (Deza) E., Topunov V. (1996) About examinations in Universities, Proceedings of Pedagogical Conference, Razan, Russia
115. Panteleeva (Deza) E. (1997) Computers and Mathematical education, Proceedings of International Conference on Computational Mathematics, Bangkok, Thailand
116. Panteleeva (Deza) E., Topunov V. (1999) Computers in Mathematical education, Proceedings of 10 International Conference on Computational Education, Troizk, Russia
117. Deza E. (2003) About the role of arithmetics for students of Pedagogical universities, Conference "Mathematical preparation of students of pedagogical universities in new Russian conditions", Twer, Russia
118. Deza E. (2003) About the role of number's notion for teacher's preparation in Russia, Conference in honor of 100th birthday of Kolmogorov A.N., Yaroslavl, Russia
119. Deza E., Sanina E. (2004) About new generation of mathematical textbooks, Conference "Problems of the theory and practices of mathematical education", San-Petersburg, Russia
120. Deza E. (2004) About opportunities of methodical providing elective courses for profile school, Materials of the second Russian scientific and practical conference devoted to the 110-th anniversary of A.Y. Hinchin, Kaluga, Russia
121. Deza E. (2005) About a number place in an educational program of preparation of the mathematics teacher, Materials of the International scientific conference devoted to the 100-th anniversary of academician S.M. Nikolsky, Moscow, Russia

122. Deza E. (2009) Research work as integrative component of an individual trajectory of professional training of the mathematics teacher, Materials of the International scientific education conference "Science in higher education institutions: mathematics, physics, informatics. Problems of the higher and secondary professional education", Moscow, Russia
123. Deza E. (2009) Qualification works of students as a fundamental component of an individual trajectory of training in the conditions of multilevel system of the higher education, Materials of the IX International scientific and practical conference "New Information Technologies in Education", Moscow, Russia
124. Deza E. (2009) About a place of a course of discrete mathematics in system of professional training of future mathematics teacher, Materials of the II International scientific and practical Internet conference "New Technologies in Education", Taganrog, Russia
125. Deza E. (2009) Activization of creative activity of students on the basis of creation of individual trajectories of training, Collection of works of the Annual All-Russian scientific conference "Scientific Creativity of the XXI Century", Krasnoyarsk, Russia
126. Deza E. (2010) Features of the organization of educational and research work of students in the conditions of a two-level education system, Collection of scientific works of the tenth International scientific and practical conference "New Information Technologies in Education", Moscow, Russia
127. Deza E. (2010) Pedagogical maintenance of educational and research work of students in the conditions of a training individualization, IV-th International scientific and practical Internet conference (Collection of articles), Release 4.1, Krasnoyarsk, Russia
128. Deza E., Shakhov Y. (2011) The course "Numerical Methods" in pedagogical higher education institution, Collection of works of the All-Russian conference "Mathematics, Informatics and Technique of Their Teaching", Moscow, Russia
129. Deza E. (2011) Bases of the concept of creation of individual trajectories of vocational training of the mathematics teacher in the conditions of-level system of the higher education, Collection of works of the All-Russian conference "Mathematics, Informatics and Technique of Their Teaching", Moscow, Russia
130. Deza E. (2012) Methodical features of discipline for choice "Numerical metrics", Materials of the All-Russian scientific conference "Problems of improvement of mathematical preparation at school and higher education institution", Moscow, Russia
131. Deza E. (2012) Humanitarization of fundamental mathematical preparation of students of teacher training Universities, The All-Russian scientific conference with the international participation "Humanitarian traditions of mathematical education in Russia", Arzamas, Russia

132. Deza E. (2012) The principles of the organization of educational and research work of students of teacher training Universities in the conditions of level higher education, Materials International scientific conference "Actual Problems of Mathematics and Its Applications", Kurgan-Tyube, Kazakhstan
133. Deza E., Panteleev P. (2013) Software use within a laboratory workshop on the course "Research of Operations", Materials of the 13-th Scientific and practical conference "New Information Technologies in Education", Moscow, Russia