LIST OF PUBLICATIONS

OF

PROMARZ M. TAMRAZOV

182. (With T. Aliyev) Contour-solid theorems for meromorphic functions taking multivalence into account. In: Progress in Analysis. Proceedings of 3-d International ISAAC Congress, Vol. I, p. 469 – 476. World Scientific, Singapore, 2003.

181. Extremal metrics and moduli in nonorientable and twisted Riemannian manifolds. International Workshop on Potential Theory and Free Boundary Flows, Abstracts, Kiev, 23 - 29 September 2003, p. 33 - 34.

180. Batteries and energy minimization problems. In: Analysis and Applications. ISAAC - 10. Kluwer, 2003, p. 161 - 169.

179. Moduli and extremal metrics in nonorientable and twisted Riemannian manifolds. Second International Conference "Mathematical Analysis and Economics", Book of Abstracts, Sumy - Kharkiv - Kiev, 2003, p. 52 .

178. Fine potential theory and applications to holomorphic and finely holomorphic functions. International Workshop on Potential Flows and Complex Analysis, Program and Abstracts, Kiev, 2002, p. 40 - 41.

177. Moduli and extremal metrics of curve families in nonorientable and twisted Riemannian manifolds. Abstract. ISAAC Conference on Complex Analysis, Differential Equations and Related Topics, Yerevan, Armenia, 2002, p. 59 - 60.

176. Problems of fine potential theory and finely holomorphic functions. International Congress of Mathematicians, Beijing, China, 2002. Abstracts of Short Communications and Poster Sessions, p. 135

175. Finely subharmonic and finely holomorphic functions: results and applications. ICM2002 Satellite Conference "Complex Analysis", Shanghai, 14-17 August 2002. Abstract, p. 26 - 27.

174. Grotzsch's ideas, their further developements and related topics International Conference on Geometric Function Theory Dedicated to Herbert Grotzsch. Abstracts. Halle-Wittenberg, 2002, p. 92.

173. Analytic function.In: Encyclopedy of ModernUkraine, Vol. 1, p. 453 – 454. (In Russian)

172. Fine potential theory, its problems and applications. Conference "Functional Methods in Approximation Theory, Operator Theory, Stochastic Analysis and Statistics", 19 - 22 October 2001, Kiev, Ukraine. Abstracts, p. 78.

171. Finely holomorphic and finely subharmonic functions in contour-solid problems. Ann. Acad. Sci. Fennicae, Vol. 26, 2001, p. 325 – 360.

170. Some problems of classical and fine potential theory. International Conference on Complex Analysis and Related Topics. The IX-th Romanian - Finnish Seminar. August 27 – 31, 2001, Brasov, Romania. P. 46.

169. Batteries and energy minimization problems of potential theory. 3-th International ISAAC Congress, Freie Universitat Berlin, Germany, August 20 - 25, 2001. P. 92.

168. Fine potential theory and finely holomorphic functions. International Akhiezer Centenary Conference "Theory of Functions and Mathematical Physics", Kharkiv, August 13 – 17, 2001. Book of Abstracts, p. 93.

167. Strengthened results on batteries with intersecting plates. International Conference on Complex Analysis and Potential Theory, Kiev, 7 – 12 August 2001. Abstracts, p. 82 – 84.

166. Batteries and energy minimization problems. International Conference on Complex Analysis and Potential Theory, Kiev, 7 – 12 August 2001. Abstracts, p. 54 – 56.

165. Batteries and variational problems of the theory of logarithmic potential. Preprint 01.1 of Institute of Mathematics of National Academy of Sciences of Ukraine. – Kiev. – 2001. – 20 p. (In Russian)

164. Cluster theory for holomorphic and finely holomorphic functions. Computational Methods and Function Theory 2001. Aveiro, June 25 – 29, 2001. Abstracts, p. 96.

163. Local contour-solid theorems for finely hypoharmonic functions. In: Proceedings of the Second ISAAC Congress, Fukuoka, August 16 – 21, 1999. – Netherland – U.S.A.: Kluwer Academic Publishers, Dordrecht, 2000. – P. 623 – 634.

162. Finely holomorphic functions in contour-solid and cluster problems. In: Finite or Infinite Dimensional Complex Analysis: 7-th International Colloquium. Marcel Dekker, New York, 2000. P. 511 - 522.

161. Removable singularities and function extensions in potential theory. International Conference "Nonlinear partial differential equations (NPDE-99)"Dedicated to J. P. Schauder, Lviv, August 23 - 29, 1999. Abstracts, p. 201.

160. Finely hypoharmonic and finely holomorphic functions in contour-solid, cluster and other problems. International Conference on Complex Analysis and Related Topics "The VIII-th Romanian-Finnish Seminar", Iassy, August 23 - 27, 1999. Abstracts, p. 70.

159. Contour-solid properties of finely holomorphic and finely hypoharmonic functions. Second Congress ISAAC 1999, Fukuoka, August 16 - 21, 1999. Abstracts

of Plenary and Invited Lectures, p. 233.

158. Cluster theorems for holomorphic and finely holomorphic functions. Seventh International Colloquium on Finite or Infinite Dimensional Complex Analysis, Fukuoka, August 12 - 16, 1999. Abstracts of Invited Lectures, p. 34.

157. Contour-solid theorems for finely holomorphic and finely hypoharmonic functions. Linkoping University Report LITH-MAT-R-99-07, 1999, 29 pp.

156. (With S. A. Ohrimenko) Paired products of moduli of families of curves on the Riemannian Mobius strip. Ukr. Math. Journ., 51, N 1, 1999, p. 110 - 116. (Russian)

155. Moduli and extremal metrics in nonorientable and twisted Riemannian manifolds. Ukr. Math. Journ., 50, N 10, 1998, p. 1388 - 1398. (Russian)

154. The solution of Eremenko's extremal problem on harmonic functions. International Congress of Mathematicians, Berlin, August 18 - 27, 1998. Abstracts of Short Communications etc., p. 159 - 160.

153. Eremenko's extremal problem on harmonic functions. Complex Variables, Theory and Application, 35, N 4, 1998, p. 319 - 336.

152. (with A. A. Sarana) Contour-solid properties of finely holomorphic functions. Ukr. Math. Journ. 50, N 5, 1998, p. 712 - 723. (Russian)

151. (with A. A. Sarana) Contour-solid properties of finely hypoharmonic functions. Ukr. Math. Journ., 49, N 8, 1997, p. 1114 - 1125. (Russian)

150. (with S. A. Ohrimenko) Pared products of moduli of families of curves on a Riemannian Mobius strip. In: Moduli of non-orientable and twisted Riemannian manifolds, Preprint 97.9 of Inst. of Mathem. of National Acad. of Sci. of Ukraine, Kiev, 1997. P. 28 - 42. (Russian)

149. Moduli and extremal metrics in non-orientable and twisted Riemannian manifolds. In: Moduli of non-orientable and twisted Riemannian manifolds, Preprint 97.9 of Inst. of Mathem. of National Acad. of Sci. of Ukraine, Kiev, 1997. P. 3 - 27. (Russian)

148. Eremenko's extremal problem on harmonic functions. Bul. Soc. Sci. Lettr. Lodz, 67, 1997, p. 33 - 50.

147. A solution of Eremenko's Extremal Problem on Harmonic Functions. The Fifth Finnish-Polish-Ukrainian Summer School in Complex Analysis, Lublin, 15 - 21 August 1996, Catholic University of Lublin and Polish Academy of Sciences, p. 43.

146. Differential Boundary Problem of Holomorphic functions. Conference in Mathematical Analysis and Applications in Honour of Lars Inge Hedberg's Sixtieth Birthday, Linkoping University, Sweden, June 10 - 15, 1996, p. 102 - 103.

145. Differential contour-solid problem for analytic function. Ukr. Math. Journ., 48, N 6, 1996, p. 834 - 842. (Russian)

144. Criterion for exceptional sets under subharmonic extention of functions. 16-th Rolf Nevanlinna Colloquium, Joensuu, 1995, Abstracts, p. 66 - 67.

143. Differential contour-solid properties of analitic functions. Preprint 95.6, National Academy of Sciences of Ukraine, Institute of Mathematics, Kiev, 1995, 16 p.

142. (with N. V. Kud'avina, A. L. Golberg) Life and scientific activity of Vladimir Stepanovich Kud'avin. In: Collection of scientific papers "Complex Analysis and Potential Theory", Krymsk. inst. prirodoohr. i kurortn. stroit., 1995, p. 7 - 9. (Russian)

141. Harmonic spaces and subharmonic extensions of functions. International Conference on Functional Spaces, Approximation Theory, Nonlinear Analysis, dedicated to the 90-th birthday of academician S. M. Nikol'skii, Moscow, April 27 – May 3, 1995, Abstracts, Moscow, 1995, p. 265 - 267. (Russian)

140. International Summer Mathematical School "Potential Theory", Ukr. Math. Journ., 46, N 7, 1994, p. 966 - 969. (Russian)

139. (with Sarana A. A.) Contour-solid properties of finely subharmonic functions. Preprint 94.33, National Academy of Sciences of Ukraine, Institute of Mathematics, 1994, Kiev, 14 p. (Ukrainian)

138. The final criterion for sets to be removable under subharmonic extension of functions. In: International Congress of Mathematicians. Abstracts of Short Communications, 1994, Zurich, p. 112. (See also Tamrazov P. M. Criterion for exceptional sets under subharmonic extention of functions. In: 16-th Rolf Nevanlinna Colloquium. Abstracts, 1995, Joensuu.)

137. (with Riihentaus, Juhani) On subharmonic extension and the extension in the Hardy - Orlicz classes. (English and Ukrainian summaries) Ukrain. Mat. Zh 45 (1993), no. 8, p. 1260 - 1271 (1994).

136. Moduli and extremal metrics of a twisted Riemannian manifolds. International Conference on Complex Analysis, 1993, Timisoara. Abstracts, p. 58.

135. Complex analysis and potential theory. Edited by P. M. Tamrazov. Akad. Nauk Ukrainy, Inst. Mat., Kiev, 1992, 102 p. (Russian)

134. Methods for studying extremal metrics and moduli in a twisted Riemannian manifold. (Russian. Russian summary) Mat. Sb. 183 (1992), no. 3, p. 55 - 75; translation in Russian Acad. Sci. Sb. Math. 75 (1993), no. 2, p. 333 - 351.

133. Space contour-solid problem for subharmonic functions. International Conference on Potential Theory, 1991, Amersfort, Program and Abstracts, p. 65.

132. Space contour-solid theorems for subharmonic functions. Vsesojuzn. mat. shkola "Teorija potenziala", Tezisy dokladov, Kiev, Inst. matematiki AN USSR, 1991, p. 29. (Russian)

131. (with Riihentaus, J.) Subharmonic and plurisubharmonic extension of functions. (Russian summary) Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1991, no. 15, 7 p. (Summary)

130. Removable singularities of plurisubharmonic functions in topological vector spaces. 10-th Conference on analytic functions, Poland, Szczyrc, 22 - 27 Apr. 1990: Abstracts, Poland, Szczyrc, 1990, p. 43.

129. Extension of functions to subharmonic and plurisubharmonic ones in euclidean and topological vector spaces. International Conference on Potential Theory, 1990, Nagoya, Abstract, p. 38.

128. (with N. V. Zorii) Seminar on complex analysis and applied control problems. Uspekhi Mat. Nauk 45, (1990), no. 3, p. 211. (Russian)

127. Continuation of functions to plurisubharmonic function in a topological vector space. Ukrain. Mat. Zh. 41 (1989), no. 11, p. 1443 - 1449, 1581; translation in Ukrainian Math. J. 41 (1989), no.11, p. 1235 - 1241 (1990). (Russian)

126. Subharmonic and holomorphic functions in contour-solid problems. Respubl. seminar po komplex. anal. i prikl. zadach. upravl., Tezisy dokl., Kiev, 1989, p. 43. (Russian)

125. (with Aleksandrov, I. A.; Alenitsyn, Yu. E.; Grinshpaan, A. Z., Gutlyanskii, V. Ya.; Krushkal', S. L.) Isaak Moiseevich Milin (on the occasion of his seventieth birthday). Uspekhi Mat. Nauk 44 (1989), no. 5 (269), p. 191 - 192; translation in Russian Math. Surveys 44 (1989) no. 5, p. 231 - 232. (Russian)

124. Integral moduli of smoothness (continuity). Respubl. seminar po komplex. anal. i prikl. zadach. upravl., Tezisy dokl., Kiev, 1989, p. 42. (Russian)

123. Sharpness of the fundamental bounds of contour-solid theorems. Ukrain. Mat. Zh. 41 (1989), no. 1, p. 75 - 79, 135. (Summary) (Russian)

122. Removal of singularities of subharmonic, plurisubharmonic functions and their generalizations. Ukrain. Mat. Zh. 40 (1988), no. 6, p. 683 - 694, 812; translation in Ukrainian Math. J. 40 (1988), no. 6, p. 573 - 582. (Russian)

121. Methods for studying extremal metrics and moduli of families of curves in a twisted Riemanian manifold. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1988, no. 43, 34 p. (Russian)

120. Multidimensial contour-solid theorems. Ukrain. Mat. Zh. 40 (1988), no. 5, p. 610 - 619, 677; translation in Ukrainian Math. J. 40 (1988), no. 5, p. 520 - 527. (Russian)

119. Sharpened contour-solid theorems for subharmonic functions. Ukrain. Mat. Zh. 40 (1988), no. 2, p. 210 - 219, 271; translations in Ukrainian Math. J. 40 (1988), no. 2, p. 180 - 188. (Russian)

118. (with Aliev, T. G.) Contour-solid theorems for meromorphic functions

allowing zeroes and nonunivalence. Ukrain. Mat. Zh. 39 (1987), no. 6, p. 683 - 690, 813. (Summary) (Russian)

117. Almost subharmonic functions, their analogues in complex spaces and the removal of singularities. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1987, no. 32, 24 p. (Summary) (Russian)

116. (with V. V. Bardzinskii) Strictly local approximation of functions. Theory of Approximation of Functions, Proceedings of the International Conference on Approximation of Functions, Kiev, 31 May - 5 June, 1983; Moscow, "Nauka", 1987, p. 421 - 423.

115. Contour-solid properties of holomorphic functions and mappings of one and several complex variables. Theory of Approximation of Functions, Proceedings of the International Conference on Approximation of Functions, Kiev, 31 May - 5 June, 1983; Moscow, "Nauka", 1987, p. 416 - 420.

114. Finite difference identities for superpositions of functions. Investigations in the theory of the approximations of functions, Akad. Nauk SSSR Bashkir. Filial. Otdel Fiz. Mat., Ufa, 1987, p. 216 - 237. (Russian)

113. A. A. Goncar's extremal problem on capacities of condenseres. The method of mixing of charges. Amer. Math. Soc. Transl. (2), 131, 1986, p. 75 - 108.

112. (with Navoyan, V. Kh.) Moduli of families of non-contractible loops in a twisted solid torus. Bulletin de la Societe des Sciences et des Lettres de Lodz, 36, N 20, 1986 (Recherches sur les deformations, N 30).

111. Quasisubharmonic functions and the elimination of singularities. Ukrain. Mat. Zh. 38 (1986), no. 5, p. 629 - 634, 679. (Russian)

110. Solid-contour results for holomorphic functions. Izv. Akad. Nauk SSSR Ser Mat. 50 (1986), no. 4, p. 835 - 848, 879. (Summary) (Russian)

109. (with T. G. Aliev) A solid-contour problem for meromorphic functions taking account of zeroes and nonunivalence. Dokl. Akad. Nauk SSSR 288 (1986), no. 2, p. 304 - 308. (Russian)

108. Local contour-and-solid problem for suibharmonic functions. Complex

Variables Theory Appl. 7 (1986), no. 1 - 3, p. 231 - 242.

107. Subharmonic and quasisubharmonic functions and the removal of singularities. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1986, no. 17, 16 p. (Summary) (Russian)

106. (with Aliev, T. G.) Taking into account zeroes and nonunivalence of holomorphic functions in contour-solid theorems. Theory of functions and approximations, Part 3 (Saratov, 1984), p. 109 - 112, Saratov. Gos. Univ., Saratov, 1986. (Russian)

105. Subharmonic functions in a local contour-solid problem. Theory of functions and approximations, Part I (Saratov, 1984), p. 71 - 78, Saratov. Gos. Univ., Saratov, 1986. (Russian)

104. Two open problems connected with capacities. Seminar on deformations (Lodz/Warsav, 1982/84), p. 292 - 293, Lecture Notes in Math., 1165, Springer, Berlin - New York, 1985.

103. A strengthened contour and solid property for Lipschits functions and extension of the derivative to the boundary. Seminar on deformations (Lodz/Warsav, 1982/84), p. 283 - 291, Lecture Notes in Math. 1165, Springer, Berlin - New York, 1985. (Summary)

102. Development in Ukraine of branches of complex analysis founded by M. A. Lavrent'ev. Vsesoujz. konf. "Lavrent. chten. po mat., mech. i phis."Tez. dokl., Kiev, 1985, p. 158.

101. Subharmonic functions in a contour-solid problem. Akad. Nauk Ukrain. SSR Inst Mat. Preprint 1985, no 47, 24 p. (Summary) (Russian)

100. Meromorphic functions in a contour-solid problem taking into account zeroes and nonunivalence. (Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1985. no. 46, 16 p. (Summary) (Russian)

99. Holomorphic functions and mappings in the contour-solid problem. International Conference on the Complex Analysis in Varna, Abstracts of papers, Sophia, 1985.

98. Lipschitz functions in the strengthened contour-solid problem and the continuation of the derivative up to the boundary. Ukrain. Mat. Zh. 37 (1985), no. 3, p. 336 - 341, 404. (Russian)

97. (with Aliev, T. G.) A contour-solid problem for meromorphic functions and with taken into account zeroes and nonunivalence. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1984, no. 78, 16 p. (Summary) (Russian)

96. Divided differences and moduli of smoothness of functions, function superpositions and their application. International Conference on the Constructive Theory Functions in Varna, Sophia, 1984, p. 840 - 851.

95. Holomorphic functions and mappings in the contour-solid problem. Dokl. Akad. Nauk SSSR 279 (1984), no. 1, p. 38 - 43. (Russian)

94. (with V. H. Navojan) On some new extremal-metric problems on Riemanian manifolds. Vsesoujz. shkola molodyh uchenyh "Komplex. met. v mat. phis.", Tez. dokl., Donetsk, 1984. (Russian)

93. Contour-solid theorems for holomorphic functions with zeroes and for meromorphic functions. Vsesoujz. shkola molodyh uchenyh "Komplex. met. v mat. phis.", Tez. dokl., Donetsk, 1984. (Russian)

92. Complexe analysis und ihre anwendung auf partielle differential-gleichungen, Congress und Tagungsberichte der Martin-Luther-Univers., Halle, 1984.

91. Local contour-solid problem for subharmonic functions. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1984, no. 52, 17 p. (Summary) (Russian)

90. Finite differences and moduli of smoothness for function superpositions and their applications. International Conference on the Constructive Theory Functions in Varna, Abstracts of papers, Sophia, 1984, p. 105.

89. (with V. V. Bardzinskii) Strictly local approximation theorems. International Conference on the Theory of Approximation of functions, Kiev, May 30 - June 6, 1983, Abstracts of papers, Kiev, 1983, p. 19.

88. Contour-solid properties of holomorphic functions and mappings of one and several complex variables. International Conference on the Theory of Approxi-

mation of functions, Kiev, May 30 - June 6, 1983, Abstracts of papers, Kiev, 1983, p. 177.

87. Solution of A. A. Goncar's problem. Intern. Congr. Math., Short Communic., Abstracts, V, Warsaw, 1983, p. 21.

86. Contour-solid theorems for holomorphic functions and mappings. Akad. Nauk Ukrain. SSR Inst Mat. Preprint 1983, no. 65, 50 pp. (Authors summary) (Russian)

85. (with Navoyan, V. Kh.) Moduli of families of noncontractible loops in a "twisted"solid torus. Akad. Nauk Ukrain. SSR Inst Mat. Preprint 1983, no. 35, p. 15 - 22. (Russian)

84. Strengthened contour-solid property for functions of Lipschitz class and the continuation of the derivative to the boundary. Akad. Nauk. Ukran. SSR Inst. Mat. Preprint 1983, no. 35, p. 3 - 15. (Russian)

83. Contour-solid properties for holomorphic functions and mappings. Akad. Nauk Ukrain. SSR Inst Mat. Preprint 1983, no. 33, 17 p. (Authors summary) (Russian)

82. Contour-solid theorems with bilogarithmic concave majorants. Akad. Nauk Ukrain. SSR Inst Mat. Preprint 1983, no. 11, 18 p. (Authors summary) (Russian)

81. (with Aleksandrov, I. A.; Bazilevich, I. E.; Kuz'mina, G. V.; Lozinskii, S. M.; Shorokov, N. A.) Nikolai Andreevich Lebedev (obituary) Uspehi Mat. Nauk 38 (1983), no. 2 (230), p. 195 - 199. (Russian)

80. Contour-solid theorems of holomorphic functions and mappings with bologarithmically concave majorants. Dokl. Akad. Nauk SSSR, 270 (1983), no. 4, p. 791 - 795. (Russian)

79. Contour-solid theorems for holomorphic functions and mappings. Akad. Nauk Ukrain. SSR Inst Mat. Preprint 1982, no. 42, 10 p. (Authors summary) (Russian)

78. Holomorphic functions of one and several complex variables: contour-

solid properties, finite-difference smoothnesses and approximation. Conference on analytic functions, Abstracts, Poznan, 1982, p. 52.

77. Capacities of condensers. A method of intermixing loads. Mat. Sb. (N. S.) 115 (157) (1981), no. 1, p. 40 - 73, 159. (Author's summary) (Russian)

76. A. A. Goncar's extremal problem on capacities of condenseres and the method of mixing of charges. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1980, no. 34, 60 p. (Russian)

75. Variational problems of lolgarithmic potential theory. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint 1980, no. 25, p. 3 - 13. (Russian)

74. (with Belyi, V. I. [Bilii, V. I]) Polynomial approximations and modulas of continuity of functions in domains with quasiconformal boundaries. (Russian). Sibirsk. Mat. Z. 21 (1980), no.3, p. 162 - 176, 238.

73. A. A. Goncar's extremal problem and condenser capacities. Dokl. Akad. Nauk SSSR 250 (1980), no. 5, p. 1066 - 1070. (Russian)

72. Problems of complex analysis. (7-th International conference in Kozubnik, Poland), Visnyk Akad. nauk URSR, 1979, N 12, p. 79.

71. (with Mitropol'ski, Ju. A.; Gudz', L. A.) V. A. Zmorovic's investigations in the field of the geometric theory of functions. Ukran. Mat. Z. 31 (1979), no. 6, p. 756 - 760, 768. (Russian)

70. Capacities and potentials in Complex Analysis. Conference on analytic functions, (Kozubnik, April 18 - 26, 1979), Abstracts, Lodz, 1979, p. 55.

69. Condenser capacities and A. A. Goncar's extremal problem. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint No. 5 (1979), 12 p. (Russian)

68. Conformally-invariant metric. Mat. Enciklop., tom 2, Moskva, 1979, p. 1098.

67. Quadratic differential. Mat. Enciklop., tom 2, Moskva, 1979, p. 786 - 787.

66. (with Bilii, V. I.) Moduli of smoothness and polynomial approximations

of functions in quasiconformal domains. Dokl. Akad. Nauk SSSR 241 (1978), no. 3, p. 513 - 516. (Russian)

65. (with V. V. Bardzinskii) On complex finite-difference smothnesses and polynomial approximation. Sovrem. probl. teor. funkz., Mater. Vses. Shkoly po teor. funk. (Baku, 21 May - 1 June, 1977), Azerb. Gos. Univ., Baku, 1980, p. 82 - 87.

64. Structural and approximational properties of functions in the complex domain. Linear spaces and approximation (Proc. Conf., Math. Res. Inst., Oberwolfach, 1977), p. 503 - 514, Internat. Schriftenreihe Numer Math., 40 Birkhauser, Basel, 1978.

63. Finite-difference smoothnesses and approximation. Fourier analysis and approximation theory (Proceedings of the Colloquium, Budapest, 1976), Vol. II, p. 827 - 843, Colloq. Math. Soc. Janos Bolyai, 19, North Holland, Amsterdam, 1978.

62. (with Bilii, V. I.) Moduli of smoothness and polynomial approximations of functions in quasi-conformal domains. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint No. 4 Moduli Gladkost v Zadac. Teor. Funkcii (1978); p. 3 - 9. (Russian)

61. Grotzsch's theorems. Mat. Enciklop., tom 1, Moskva, 1977, p. 1122.

60. Harmonic measure principle. Mat. Enciklop., tom 1, Moskva, 1977, p. 890 - 891. (Russian)

59. Blaschke product. Mat. Enciklop., tom 1, Moskva, 1977, p. 508 - 509. (Russian)

58. Infinitely connected domain. Mat. Enciklop., tom 1, Moskva, 1977, p. 455. (Russian)

57. Finite difference identities and estimates of the moduli of smoothness of composite functions. Akad. Nauk Ukrain. SSR Inst. Mat. Preprint No. 5 (1977), 20 pp. (Author's summary) (Russian)

56. Finite-difference smoothness and approximations. Colloquium on Fourier analysis and approximation theory, Abstracts, Budapest, 1976, p. 827 - 843.

55. (with V. V. Bardzinskii) Complex finite-difference smoothness and polynomial approximations. Preprint IM-76-7. Akad. Nauk Ukrain. SSR Inst Mat., Kiev, 1976, 14 p.

54. Complex finite-difference smoothness of functions and polynomial approximations. Vses. simp. po teor. aprox. funk. v kompl. obl., Tezisy, Ufa, 1976. (Russian)

53. Structural properties of holomorphic functions and their application. Vses. seminar-soveshchanie po geom. teor. funk. "Voprosy Matematiki"(Sb. nauch. tr. TGU, 510), Tashkent, 1976, p. 57 - 59. (Russian)

52. Finite-difference smoothnesses and polynomial approximation. Preprint IM-75-10. Akad. Nauk Ukrain. SSR Inst Mat., Kiev, 1975.

51. Deformation under conformal mapping of half strips. Konf. Tomsk. univers., Tezisy, Tomsk, 1975. (Russian)

50. Finite-difference smoothnesses and polynomial approximation. Mezhdunar. konf. po teor. priblizh. funk., Tezisy, Kaluga, 1975, p. 47 - 48. (Russian)

49. Smoothnesses and polynomial approximations. Izdat. "Naukova Dumka", Kiev, 1975, 271 p.

48. Polynomial approximation and structural properties of functions defined on subsets of the complex plane. Approximation theory (Proc. Conf., Inst. Math., Adam Mickievicz Univ., Poznan, 22 - 26 August, 1972), Reidel, Dordrecht, 1975, p. 259 - 265.

47. Resolution of Warschawski-Walsh-Sewell's problem and applications to various questions of analysis. Conference on Analytic Functions, Abstracts, Cracow, 1974, p. 51 - 54. See also: Annales Polonici Matematici, 33, N 1 - 2, 1976.

46. The divergence of the image of a sequence of points under a conformal mapping. (Russian) Mat. Zametki 15 (1974), p. 543 - 550 English translation: Math. Notes 15 (1974), p. 319 - 323.

45. Conformally invariant moduli and circular symmetrization. Metric questi-

ons of the theory of functions and mappings, Izdat. "Naukova Dumka", Kiev, 1974, No. V, p. 127 - 146. (Russian)

44. Contour and solid structural properties of holomorphic functions of a complex variable. (Russian) Uspeh Mat. Nauk 28 (1973), no. 1 (169), p. 131 - 161. English translation: Russian Math. Surveys 28 (1973), No. 1, p. 141 - 173.

43. A solid inverse problem of polynomial approximation of functions on a regular compactum. Izv. Akad. Nauk SSSR Ser. Mat. 37 (1973), p. 148 - 164. (Russian)

42. On bounded holomorphic functions in the complex plane. 3-sjezd bolgarsk. matem., Resume, Varna, 1972.

41. Polynomial approximation and structural properties of functions on sets in the complex plane. Conference "Theory of Approximation", Poznan, 22 - 26 August, 1972, p. 40. (Russian)

40. Contour and solid properties of holomorphic functions in a complex domain. Dokl. Akad. Nauk SSSR 204 (1972), p. 725 - 730. (Russian)

39. A contour inverse problem for the approximation of functions for compacta of positive capacity. Ukrain. Mat. Z. 24 (1972), p. 147 - 160. (Russian)

38. Solid inverse problem of polynomial approximation of functions on a regular compact. Akad. Nauk Ukrain. SSR Inst. Mat., Preprint No. 1 (1972), Kiev.

37. Constructive and structural properties of functions on compacta of the complex plane. Vsesojuz. konf. po teor. funk. kompl. perem., Kharkov, 1971, p. 206 - 208.

36. Solid inverse theorems of polynomial approximation for regular compacta of the complex plane. (Russian) Dokl. Akad. Nauk SSSR 198 (1971), p. 540 - 542. This article has appeared in English translation [Soviet Math. Dokl. 12 (1971), p. 855 - 858].

35. Change of moduli under circular symmetrization. (Russian) Mat. Zametki 10 (1971), p. 527 - 532. This article has appeared in English translations [Math.

Notes 10 (1971), p. 740 - 742]

34. The boundary and bodily inverse problems of polynomial approximation of functions for bounded closed sets on the plane. Congress Internat. des Mathem., "Les 265 communic. indiv.", Nice, 1970, p. 176 - 177.

33. (with V. I. Gorbajchuk) Boundary inverse problem of functions approximation for compacta of positive capacity. Piataja nauch. konfer. molod. matemat. Ukrainy, Tezisy dokl., Kiev, 1970, p. 72. (Ukrainian)

32. On certain methods and problems of the theory of univalant functions. Piataja nauch. konfer. molod. matemat. Ukrainy, Tezisy dokl., Kiev, 1970, p. 10 - 11. (Ukrainian)

31. (with N. A. Lebedev) Inverse approximation theorems on regular compacta of the complex plane. Izv. Akad. Nauk SSSR Ser. Mat. 34 (1970), p. 1340 - 1390. (Russian) This article has appeared in English translation [Math. USSR Izv. 4 (1970), p. 1355 -1405].

30. The angular displacement of the boundary in a certain class of univalent conformal mappings. Ukrain. Mat. Z. 22 (1970), p. 563 - 566. (Russian)

29. Supplement to the paper "On certain extremal problems of conformal mapping". Trudy Tomsk. Gos. Univ. Ser. Meh.- Mat. 210 (1969), p. 111 - 118. (Russian)

28. Extremal conformed mappings and poles of quadratic differentials. Izv. Akad. Nauk SSSR Ser. Nat. 32 (1968), p. 1033 - 1043. (Russian)

27. Inverse approximation theorems on closed sets of the complex plane. (Russian) Dokl. Akad. Nauk SSSR 179 (1969), 1046 - 1049. This article has appeared in English translation [Soviet Math. Dokl. 9 (1968), p. 498 - 501].

26. On inverse approximation theorems. 2-sjezd bolgarsk. matem., Resume, Varna, 1967, p. 80 - 81.

25. On certain extremal problems of conformal mapping. Nat. Sb. (N. S.) 73 (115) (1967), p. 97 - 125. (Russian)

24. On the general coefficient theorem. Mat. Sb. (N. S.) 72 (114) (1967), p. 59 - 71. (Russian)

23. A form of the method of the extremal metric. Ukrain. Mat. Z. 19 (1967), no. 1, p. 123 - 128. (Russian)

22. Continuity of certain conformal invariants. Ukrain. Mat. Z. 18 (1966), no. 6, p. 78 - 84. (Russian)

21. Certain extremal problems of conformal mapping of doubly connected and multiply connected regions. Dokl. Akad. Nauk SSSR 170 (1966), p. 530 - 532. (Russian) This article has appeared in English translation [Soviet Math. Dokl. 7 (1966), p. 1247 - 1249].

20. Certain problems of conformal mapping generating quadratic differentials with five different poles. Dokl. Akad. Nauk SSSR 169 (1966), p. 1279 - 1280. (Russian) This article has appeared in English translation [Soviet Math. Dokl. 7 (1966), p. 1097 - 1099]

19. On univalent conformal mapping of multiply connected regions. International Congress of Mathematicians, sect. 4, Abstracts, Moscow, 1966, p. 83. (Russian)

18. A theorem on line integrals for extremal length. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukrain. RSR 1966, p. 51 - 54.

17. Certain extremal problems of the theory of univalent conformal mappings. Mat. Sb. (N. S.) 67 (109) (1965), p. 329 - 337. (Russian)

16. Univalent functions and conformal-metrical theory of multiply connected domains. Autorefereferat dissertacii na soiskanie uchenoj stepeni doktora physico-matematicheskih nauk, AN USSR, In-t matematiki, Kiev, 1965, 22 p. (Russian)

15. Theorems on the covering of lines under a conformal mapping. Mat. Sb. (N. S.) 66 (108) (1965), p. 502 - 524. (Russian)

14. A conformally metric theory of doubly-connected regions and a generalized Blaschke product. Dokl. Akad. Nauk SSSR 161 (1965), p. 308 - 311. (Russian) This article has appeared in English Translation [Soviet Math. Dokl. 6 (1965), p.

432 - 435].

13. The theory of conformal univalent mappings of domains of arbitrary connectivity onto domains with slits. Problems of Math. Phys. and Theory of Functions, II p. 110 - 117, Naukova Dumka, Kiev, 1964. (Russian)

12. Some canonical conformal mappings of domains of any connectedness on a domain with slits. Problems Math. Phys. and Theory of functions. Izdat. Akad. Nauk Ukrain SSR, Kiev, 1964, p. 154 - 167. (Russian)

11. Some estimates in the theory of univalent conformed mappings of doubly connected domains. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukra?n. RSR 1963, p. 1160 - 1163.

10. Method of extremal metric and conformal mapping. Autorefereferat dissertacii na soiskanie uchenoj stepeni kandidata physico-matematicheskih nauk, AN USSR, In-t matematiki, Kiev, 1963, 23 p. (Russian)

9. On univalent conformal mapping of doubly connected regions. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukra?n. RSR 1962, p. 1142 - 1145.

8. A generalized Blaschke product in domains of arbitrary connectivity. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukra?n. RSR 1962, p. 853 - 856.

7. On the theory of schlicht conformal mappings of doubly
connected domains. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukra?n. RSR 1962, p. 563 - 566.

6. Relative boundary distortion under a schlicht conformal mapping of a doubly connected domain. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk RSR 1962, p. 338 - 340.

5. On some extremal problems of theory of functions. Collection of scientific works of graduate students of the Kiev Order of Lenin Institute of Technology, Ministerstvo Vyss. i Sred. Spec. Obrazovan. Ukrain. SSR, Kiev, 1961, p. 269 - 277. (Russian)

4. Containing of the conformal map of a domain onto a rectangle with rectilinear slits. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukra?n. RSR 1961, p. 1004 - 1006.

3. Conformal mapping of a region onto a rectangle with rectilinear slits. (Ukrainian. Russian and English summaries) Dopovidi Akad. Nauk Ukra?n. RSR 1961, p. 595 - 598.

2. (with S. V. Romanenko) New methods of gas-dynamical computation of heat-exchanging devices. Izv. Kiev. polytech. in-ta, 1960, p. 13 - 30. (Russian)

1. (with S. V. Romanenko) Basic problems of flow termodynamics with taking into consideration real bondary conditions. Izv. VUSov, Energet., 1959, N 1, p. 23 - 32. (Russian)