

## Список публикаций Мамедова Ф.И.

1. Mamedov F.I. A Phragmen-Lindelof type theorems for linear divergent structure elliptic equations with positive right side.// *Differential Equations*, 1990, v.26, no.11, p. 1971–1978 1990
2. Mamedov F.I., Novruzov A.A. On smoothness of solutions of degenerated quasilinear elliptic equations of second order. // *Doklady Russian Academy of Science*, 1991, v. 321, no. 3, p. 478–481
3. Mamedov F.I. On Harnack type inequality for the solutions of adjoints equations to the linear elliptic differential equation. // *Siberian Mathematical Journal*. 1992, v.33, no. 5, p. 100–106
4. Mamedov F.I. On the regularity of solutions of linear and quasilinear elliptic equations in divergent form. // *Mathematical Notes*, 1993, v 53, no. 1, p.68–82
5. Mashiev R., Gekic B., Mamedov F.I., Ogras S. Hardy's inequality in power type weighted. // *Journal Mathematic Analyzes and Application*, 2007, 334, No 1, p.289–298.
6. Mamedov F.I., Amanov R.A. On Wieners criterion for an elliptic equations with no uniform degeneration // *Georgian Mathematical Journal.*, 2007, v. 4, p. 607–626.
7. Mamedov F.İ., Amanov R.A. On the regularity behavior of solutions of degenerated elliptic equations in divergence form.// *Mathematic Notes*, 2008, v. 83, p.66–76.
8. Mamedov F.İ., Amanov R.A. On local and global behavior of semi linear elliptic equations with leading part is degenerated p-Laplasiyan.// *Differential Equations*. 2008, v. 43, p. 1–9.
9. Mamedov, FI; Amanov, On some properties of solutions of quasilinear degenerate equations. // *Ukranian Mathematical Journal* V. 60 no. 7, p. 1073–1098 , 2008
10. Mamedov F.I., Harman A. On a weighted inequality of Hardy type in spaces  $L_p()$ . // *Journal of Mathematical Analysis and Applications*, V. 353, no. 2, 2009, p. 521–530
11. Mamedov, F.I. On two-weighted Sobolev inequality in unbounded domains.// *Proc. A. Razmadze Math. Inst.* 121 (1999), 117–123. MR1769265 (2001e:42016)
12. Mamedov, F. I. Poincaré type weight inequalities in domains with the condition of isoperimetric type. // *Proc. A. Razmadze Math. Inst.* 128 (2002), 101–112. MR1928240 (2003h:42024)
13. Mamedov, F. I.; Amanov, R. A. On some nonuniform cases of weighted Sobolev and Poincaré inequalities. (Russian) // *Algebra i Analiz* 20 (2008), no. 3, 163–186. MR2454455
14. Mamedov, F. I. Boundedness of derivatives of solutions of parabolic equations near an irregular boundary point. (Russian) // *Izv. Akad. Nauk Azerbaïdzhan. SSR Ser. Fiz.-Tekhn. Mat. Nauk* 5 (1984), no. 2, 17–23. MR0775447 (86h:35017)
15. Mamedov, F. I. Smoothness of solutions of elliptic equations near an irregular boundary point. (Russian) // *Izv. Akad. Nauk Azerbaïdzhan. SSR Ser. Fiz.-Tekhn. Mat. Nauk* 6 (1985), no. 5, 42–46. MR0834956 (87g:35044)
16. Mamedov, F. I. Weighted inequalities of the Poincaré-Sobolev's type with A-infinity weight from the left in the unbounded domains. // *Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.* 18 (1998), no. 3-4, Math. Mech., 104–114, 281. MR1950255 (2003m:42041)
17. Mamedov, F. I. On the multidimensional weighted Hardy inequalities of fractional order. // *Proc. Inst. Math. Mech. Acad. Sci. Azerb.* 10 (1999), 102–114, 275. MR1810244 (2001m:26061)

18. Mamedov F.İ. On weight inequalities of qualitative theory of elliptic equations.// Bulletin of Tbilisi International Center of Mathematics and Information (TISMI). Advances Courses of Function Spaces and Applications, 2000, v. 4, p. 31–35 ([www.viam.hepi.edu.ge](http://www.viam.hepi.edu.ge))
19. Kuliev, A. D.; Mamedov, F. I. On the nonlinear weight analogue of the Landis-Gerver's type mean value theorem and its applications to quasi-linear equations. //Proc. Inst. Math. Mech. Acad. Sci. Azerb. 12 (2000), 74–81, 190. MR1890828 (2002m:35052)
20. Mamedov, F. I. Poincare type weight inequalities in domains with an isoperimetric type condition. //Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. 21 (2001), no. 4, Math. Mech., 93–102, 238. MR1949849 (2003k:46039)
21. Guliyev, Aslan D.; Mamedov, Farman I. On some qualitative properties of solutions of degenerated quasilinear equations. //Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. 22 (2002), no. 4, Math. Mech., 91–105. MR2031366
22. Mamedov F.İ., Quliyev A.D. On some qualitative properties of solutions of degenerated quasilinear elliptic equations. //Transactions of Azerbaijan National. Academy of Science, Ser. Mat-mech., 2003, v. XXII, No 4, p. 91–105 (<http://imm.science.az/structure.html>)
23. Guliyev, Aslan D.; Mamedov, Farman I. On examples of nonequivalence of weight estimates for Riesz potentials and embedding theorems. //Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb. 20 (2004), 15–20. MR2109992
24. Mamedov, Farman I.; Mirheydarli, Mirfaig M. On solvability of Neumann problem for Cordess type quasilinear elliptic equations. //Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. 24 (2004), no. 7, Math. Mech., 109–126. MR2204228
25. Mamedov, Farman I.; Mirheydarli, Mirfaig M. On  $W(2,p)$  a priori estimation and uniqueness of solution of Neumann problem for quasilinear elliptic equations with discontinuous coefficients. //Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. 26 (2006), no. 1, Math. Mech., 125–136. MR2267518
26. Mamedov, Farman I.; Salmanova, Shahla Yu. On strong solvability of the Dirichlet problem for semilinear elliptic equations with discontinuous coefficients. //Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. 27 (2007), no. 7, Math. Mech., 117–124. MR2447130