



Yusif Soltan oğlu Qasimov

Azərbaycan Universiteti, Elmi işlər üzrə prorektor

E-poçt: yusif.gasimov@au.edu.az, ysfgasimov@yahoo.com,
gasimov.yusif@gmail.com

Qısa bioqrafik məlumat

- 08.06.1968-ci ildə Cəbrayıł rayonunda anadan olmuşdur.
- 1975-1985-ci illərdə Cəbrayıł rayonu Süleymanlı kənd orta məktəbində oxumuşdur.
- 1986-1988-ci illərdə hərbi xidmətdə olmuşdur.

Təhsili, elmi dərəcə və elmi adları

- Riyaziyyat elmləri doktoru, 2010
- Fizika-riyaziyyat elmləri namizədi, 1996
- Bakı Dövlət Universiteti, Mexanika-riyaziyyat fakültəsi, 1985-1992

Əmək fəaliyyəti

- Azərbaycan Universiteti, Elmi işlər üzrə prorektor, 2017-ci ildən
- Tətbiqi Riyaziyyat Elmi Tədqiqat İnstitutu, "Tərs məsələlər və qeyri-xətti tənliklər" şöbəsinin müdürü, 1997-2017
- Nant Universiteti, Fransa, Dəvətli professor, 2009
- Nant Universiteti, Fransa, Dəvətli professor, 2006
- Tətbiqi Riyaziyyat Elmi Tədqiqat İnstitutu, böyük elmi işçi, 1995-1997
- Tətbiqi Riyaziyyat Elmi Tədqiqat İnstitutu, kiçik elmi işçi, 1992-1995

Tədqiqat sahəsi

- Spektral nəzəriyyə, tərs məsələlər, dəyişən oblastlı məxsusi ədəd məsələləri, "shape" optimallaşdırma

Təltiflər

- Rabitə və İnforsasiya Texnologiyaları Nazirliyinin Fəxri Fərmanı
- Təhsil Nazirliyinin Fəxri Fərmanı
- Fırat Universiteti (Türkiyə) rektorunun Fəxri Fərmanı
- BDU rektorunun Fəxri Fərmanı

Elmi-təşkilati fəaliyyəti

- Tərs məsələlər və formanın optimallaşdırılması- Beynəlxalq konfransın həmtəşkilatçısı, Nant Universiteti, Fransa, 2008
- COIA-2008 Beynəlxalq konfransın elmi katibi
- Tərs məsələlər və formanın optimallaşdırılması - Beynəlxalq konfransın həmtəşkilatçısı, Nant Universiteti, Fransa, 2007
- COIA-2005 Beynəlxalq konfransın elmi katibi
- Azərbaycan Riyaziyyat Cəmiyyətinin üzvü
- Türk Dünyası Riyaziyyat Cəmiyyətinin II, III, IV, V, VI Konqreslərinin həmtəşkilatçısı

Redaktorluq fəaliyyəti

- “Advanced Mathematical Models & Applications” jurnalı, Baş redaktor
- “Applied Mathematics and Information Sciences” jurnalı, Redaksiya Heyətinin üzvü
- “Journal of Modern Technology and Engineering” jurnalı, Redaksiya Heyətinin üzvü
- “TWMS Journal of Pure and Applied Mathematics” jurnalı, Redaksiya Heyətinin üzvü

Qrantlar

- Açıq Cəmiyyət İnstитutu –SOROS fondu Qrant No 500481HE61
- Açıq Cəmiyyət İнституту –ZUG fondu Qrant No 17013
- EGIDE-ECONET Qrant No. 16362VB
- PICS Layihəsi (CNRS və AMEA), No.4962-koordinator
- 2015- BDU-nun İlın alimi müsabiqəsinin qalibi
- Bakı Dövlət Universiteti "50+50" qrant müsabiqəsinin qalibi
- The NATO Science for Peace and Security Programme Grant müsabiqəsinin qalibi
- Azərbaycan Elmin İnkişafı Fondu, Qrant No. EIF-2011-1(3-82)/25/1-M-29
- Azərbaycan Elmin İnkişafı Fondu, Qrant No. EIF-Mob-1-2013-1(7)-16/02/1

Elmi əsərləri

Kitablar

- Abbasov A.M., Aliev F.A. Gasimov Y.S. et al. English-Russian-Azerbaijanian Terminological Dictionary on Informatics, Telecommunication and Radioelectronics, Publishing House of Azerbaijan State University of Economics, 2003.
- Niftiyev A.A. Gasimov Y.S. Control by Boundaries and Eigenvalue Problems with Variable Domain, Baku University Publishing, 2004, 185p.
- Yusif S. Gasimov. Variable domain eigenvalue problems with applications to some mechanical systems. In: Use of Risk Analysis in Computer-Aided Persuasion, pp. 222-244, NATO Science for Peace and Security Series - E: Human and Societal Dynamics, IOS Press, Netherlands, Volume 88, 2011, 327 p.

Məqalələr

- Safari, Ali R., Sharifov, Yagub A. , Gasimov, Yusif S. Necessary optimality condition for the singular controls in an optimal control problem with nonlocal conditions, *FILOMAT*, Vol.32, No.3, 2018, pp.749-757.
- Ghasem Farjamnia, Mehdi Zekriyapanah Gashti, Hamed Barangi, Yusif S. Gasimov. The study of support vector machine to classify the medical, International Journal of Computer Science and Network Security, Vol.17, No.12, December 2017, pp.145-150.
- G.F. Guliyev, Y.S. Gasimov, H.T. Tagiev, T.M. Guseinova, On the inverse problem of finding the right-hand side of the wave equation with a nonlocal condition, Tomsk State University Journal, DOI 10.17223/19988621/49/2.
- Gasimov Y.S., Allahverdiyeva N.A. Shape optimization for the eigenfrequency of the plate, Georgian Mathematical Journal, 2017, DOI: 10.1515/gmj-2017-0005, 6p.
- M.Z. Gashti, Y.S.Gasimov, G.Farjamnia, S. M. Hashemi. New study in the required conditions for using in compression wsns during the data collection, Int. J. Mechantronics, Electrical and Computer Thechnology, DOI: IJMEC/10.225160.
- Xiao-Jun Yang, Yusif S. Gasimov, Feng Gao, Allahverdiyeva N.A., Travelling-wave solutions for Klein-Gordon and Helmholtz equations on Cantor sets, Proceedings of the Institute of Mathematics and Mechanics, Azerbaijan National Academy of Sciences, Vol.43, No.1, 2017, pp.123-131.
- Min Ma, Dumitru Baleanu, Yusif S. Gasimov, Xiao-Jun Yang. New results for multidimensional diffusion equations in fractal dimensional space, Romanian Journal of Physics, Vol.61, No.5-6, 2016, pp.784-794.
- Gasimov Y.S., Allahverdiyeva N.A. Aliyeva A.R. On an optimal shape problem for the eigenfrequency of the clamped plate, TWMS J. Pure Appl. Math., Vol.7, No.1, 2016, pp.28-33.
- Yusif Gasimov, Ghasem Farjamia. Wireless sensor networks architecture, International Research Journal of Computer Science, Vol.3, No.1, 2016.
- Agamalieva L.F., Aliev F.A., Gasimov Y.S., Veliyeva N.I. High accuracy algorithms to solution of the discrete synthesis problems with measurement errors, Ciencia e Tecnica Vitivinicola, Portugal, Vol.30, No.5, 2015, pp.29-36.
- Baigereyev D., Ismailov N., Gasimov Y.S., Namazov A. On an identification problem on the determination of the parameters of the dynamic system, Mathematical Problems in Engineering, 2015, Article ID 570475, 8 pages.
- F. Aliev, N.A. Ismailov, Y.S. Gasimov, A.A. Namazov. On a problem of identification of the parameters of dynamical systems, Proceedings of IAM, Vol.3, No.2, 2014, pp.205-211.
- Y.S. Gasimov, N.A. Allahverdiyeva. On an extremal problem for the eigenvalues of the Pauli operator, Proceedings of IAM, Vol.3, No.2, 2014, pp.205-211.
- H.F. Guliyev, Y.S. Gasimov, S.M. Zeynalli, Optimal control method for solving the Cauchy-Neumann problem for the Poisson equation, Journal of Mathematical Physics, Analysis, Geometry, Vol.10, No.4, 2014, pp.32-41.
- H.F.Guliyev, Y.S.Gasimov, S.M.Zeynalli, Application of the optimization methods to solution of the Cauchy-Dirichlet problem for Poisson equation, News of Baku University, No.3, 2013, pp.12-18.

- S. I. Kabanikhin, Y. S. Gasimov, D. B. Nurseitov, M. A. Shishlenin, B. B. Sholpanbaev, S. Kasenov, Regularization of the continuation problem for elliptic equations, Journal of Inverse and Ill-Posed Problems, Vol.21, No.6, pp.871–884, DOI: 10.1515/jip-2013-0041.
- Gasimov Y.S. On a shape design problem for one spectral functional, Journal of Inverse and Ill-Posed Problems, Vol.21, No. 5, 2013, pp.629–637, DOI: 10.1515/jip-2012-0001
- Aliev F.A., Gasimov Y.S., Velieva N.I., Safarova N.A., Agamalieva L.F. High accuracy algorithms to the solution of the optimal output feedback problem for the linear systems, Proceedings of the Romanian Academy, Series A, Vol. 13, N3, 2012, pp.207-214.
- Aliev F.A., Velieva N.I., Gasimov Y.S. Comments on “An alternate numerical solution to the linear quadratic problem” by P.L.D. Peres and J.C. Geromel, Applied and Computational Mathematics, Vol.9, No.1, 2010, pp.146-148.
- Aliev F.A., Gasimov Y.S. Application of the shape optimization method to one optimal control problem in oil extraction by gazlift method, Reports of ANAS, Vol. LXVI, N.2, 2010, pp.18-23.
- Gasimov Y.S., Nachaoui A., Niftiyev A.A. Nonlinear eigenvalue problems for p-Laplacian, Optimization Letters, No.4, 2010, pp.67-84.
- Pourgholi R., Azizi N., Gasimov Y.S., Aliev F.A., Khalafi H.K. Removal of numerical instability in the solution of an inverse heat conduction problem, Communications in Nonlinear Science and Numerical Simulation, Vol.14, No.6, 2009, pp.2664-2669.
- Mardanov M.J., Nachaoui A., Velieva N.I., Gasimov Y.S., Niftili A.A. Methods for the solution of the optimal stabilization problem for the descriptor systems, Reports of ANAS, Vol. LXIV, No.4, 2008, pp.8-13.
- Aliev F.A., Gasimov Y.S., Nachaoui A., Safarova N.A., Efendiev R.F. An iterative algorithm for the solution of the discrete periodic optimal regulator problem, Reports of ANAS, Vol. LXIV, No.6, 2008, pp.3-7.
- Gasimov Y.S. An inverse spectral problem W.R.T. domain, Mathematical Physics, Analysis, Geometry, Vol.4, No.3, 2008, pp.358-370.
- Gasimov Y.S. Some shape optimization problems for the eigenvalues, J. Phys. A: Math. Theor. Vol.41, No.5, 2008, pp.521-529.
- Gasimov Y.S. Algorithm to the solution of a shape optimization problem for the eigenvalues, Reports of ANAS, Vol. LXIII, No.6, 2007, pp.15-21.
- Gasimov Y.S. On a convex dependence of the eigenvalues of Schrödinger operator on the domain, News of Baku State University, No.2, 2006, pp.29-33.
- Gasimov Y.S., Ahmadov E. Algorithm to the solution of the discrete problem of the variational calculus with unknown boundaries, Reports of ANAS, Vol. LXI, No.5, 2005, pp.31-37.
- Gasimov Y.S. On one inverse problem for defining of the domain of the plate, Applied and Computational Mathematics, Vol.4, No.2, 2005, pp.41-46.
- Gasimov Y.S. On one inverse problem relatively domain for the plate, Archive: Math.SP/0506442, Vol.1, 2005, 7p.
- Gasimov Y.S. On some properties of the eigenvalues by the variation of the domain, Mathematical Physics, Analysis, Geometry, Vol.10, No.2, 2003, pp.249- 255.
- Gasimov Y.S., Niftiyev A.A. On a dependence of the eigenfrequency of the plate under across vibrations, Problems of Durability and Plasticity, 2002, issue 64, pp.91-95.

- Gasimov Y.S., Niftiyev A.A. On a minimization of the eigenvalues of Schrödinger operator relatively domain, *Differential Equations*, Vol.38, No.6, 2002, pp.842-844.
- Gasimov Y.S. Variation of the eigenvalues of the second order elliptic operator with respect to boundary conditions, *Optimization Methods and Applications*, Vol.4, 2001, pp. 82-88.
- Gasimov Y.S., Niftiyev A.A. On a minimization of the eigenvalues of Schrödinger operator with respect to domain, *Doklady Mathematics*, Vol. 380, No.3, 2001, pp.305-307.
- Gasimov Y.S., Niftiyev A.A. On a minimization of the fist eigenvalue of the Laplace operator over domains, *The Journal of Mathematics, University of Istanbul*, Vol.57-58, 2001, pp.99-102.
- Gasimov Y.S., Niftiyev A.A. Some properties of the eigenvalues and their parametrical dependence on the domain, *Theory and Practice of Differential Equations*, Vol.6, 2000, pp.70-74.
- Gasimov Y.S. On a minimization of the eigenvalues of Laplace operator with respect to domain, *Theory and Practice of Differential Equations*, Vol.7, 2000, pp.70-73.
- Niftiyev A.A., Gasimov Y.S. The optimal control problem for the elliptic equation, *Statistics, Journal of Turkish Statistical Association*, Vol.2, No.3, 1999, pp.175 – 186.
- Niftiyev A.A., Gasimov Y.S. The optimal control problem for the elliptic equation with unknown boundaries, *News of Baku State University*, No. 3-4, 1999, pp.124-136.

Tezislər

- Gasimov, Y.S., Pashayev, A., Azizov, B. Application of the decision-making expert systems in the evaluation of the security risks of loads in transportation. *XXXI International Conference “Problems of decision making under uncertainties”*, July 3-8, 2018, Lankaran-Baku, pp.65-66.
- Gasimov Y.S. On a formulation and solution of the inverse spectral problem with respect to the domain. *XXXI international conference on “Problems of decision making under uncertainties”*, July 3-8, 2018, Taras Shevchenko National University of Kyiv (Ukraine), Lankaran State University (Republic of Azerbaijan), Azerbaijan State Oil and Industry University (Republic of Azerbaijan), plenar məruzə.
- Gasimov Y.S., Aliyeva A.R. On a numerical solution of a shape optimization problem for the eigenvalues of Pauli operator, Int. Conf. “Modern Trends in Physics”, Baku, 2017, pp.35-37.
- Zekeriyanah G.M., Farjmnia G., Gasimov Y.S. Study of feature extraction phase techniques in biometric identification based on iris, International Conference on Information Technology, Computer and Telecommunications, Rademan Innovative Institute, vol. 3, 2017.
- Zekeriyanah G.M., Farjmnia G., Gasimov Y.S. Study of segmentation phase techniques in biometric identification based on iris, International Conference on Information Technology, Computer and Telecommunications, Rademan Innovative Institute, vol. 3, 2017.
- Gasimov Y.S., Agamalieva L.F., Aliyeva A.R. Numerical Algorithm to solution of a shape design problem, The Third International Conference on Applications of Mathematics and

Informatics in Natural Sciences and Engineering Dedicated to the 80th Birthday of David Gordeziani, 6-9.12, 2017, Tbilisi Georgia.

- Gasimov Y.S., Allahverdiyeva N.A. On one property of the eigenfrequency of the clamped plate under transverse vibrations, VI Congress of the Turkic World Mathematical Society, Astana Kazakhstan, 02-05 October, 2017.
- Gasimov Y.S., Allahverdiyeva N.A., On a convex dependence of the eigenfrequency of the plate on its form, Int. Conf. "Theoretical and Applied Problems of Mathematics" dedicated to the 55th Anniversary of Sumgait State University, Sumgait, 25-26, May, 2017, pp.106-107.
- Gasimov Y.S., Aliyeva A.R. On a numerical solution of a shape optimization problem for the eigenvalues of Pauli operator, Int. Conf. "Theoretical and Applied Problems of Mathematics" dedicated to the 55th Anniversary of Sumgait State University, Sumgait, 25-26, May, 2017, pp. 34-35.
- Gasimov Y.S., Allahverdiyeva N. Amirova L., On a convexity property of the eigenfrequency of the clamped plate, International Conference on Differential equations and Dynamic systems, Suzdal, Russia, 8-12 July, 2016
- Aliyev A.M., Gasimov Y.S., On an inverse problem relatively domain in a variational formulation, V International Scientific conference "Assymptotical, Topological, and Computer Methods in Mathematics" devoted to the 85 Aniversary of academician M.Imanaliyev, Bishkek, 2016
- Gasimov Y.S., On a solution of the inverse spectral problems on reconstruction of the domain for some operators, 5th International Conference on Mathematics & Information Sciences, 11-13 Feb. 2016, Zeval City, Egypt
- Gasimov Y.S., Farjamia G., Probe selection to reduce the power consumption in wireless sensor networks, International Conference on Electrical Engineering Computer Information Technology, Tabriz, Iran, September, 2016
- Gasimov Y.S., Farjamia G., CS ideas on WSN deployment, International Conference on Electrical Engineering Computer Information Technology, Tabriz, Iran, September, 2016
- Gasimov Y.S., Amirova L.I., Allahverdiyeva N., Investigation of one applied optimization problem by shape optimization method, Scientific Conference "Functional Analysis and Applications"dedicated to the 100th Anniversary of prof. A.Habibzade, Baku, 2016
- Gasimov Y.S., Murtuzayeva A., Aliyeva A. On an inverse problem for the composite type equation, Scientific Conference dedicated to the 100th Anniversary of prof. M.L. Rasulov, Sheki, Azerbaijan, November, 2016
- Gasimov Y.S., A.Aliyeva , On a variation of the eigenvalues of Pauli operator with respect to domain, V Congress of the Turkic World Mathematicians, Kyrgyzstan, "Issyk-Kul Aurora", 5-7 June, 2014, p.70.
- Gasimov Y.S. Allahverdiyeva N.A.On an extremal problem for the eigenvalue of Pauli operator with variable domain, V Congress of the Turkic World Mathematicians, Kyrgyzstan, "Issyk-Kul Aurora", 5-7 June, 2014, p.70.
- H.F. Guliyev, Y.S. Gasimov, S.M. Zeynalli. On a determination of the right hand side of the string vibratiiions equation, Int. Conf. "Mathematics and ICT Applications: New Training Technologies", Ganja, Azerbaijan, 5-6 June, 2014, pp.198-199.
- F.A.Aliev, N.A.Ismailov, Y.S.Gasimov, M.M.Mutallimov Mathematical modeling, control and stabilization of gas-lift process, V Congress of the Turkic World Mathematicians, Kyrgyzstan, "Issyk-Kul Aurora", 5-7 June, 2014, p.235.

- Gasimov Y.S., Allahverdiyeva N.A. On an optimal shape design problem for the eigenvalues of the biharmonic operator, Extended abstracts of the 4th International Conference on Control and Optimization with Industrial Applications, 10-12 July, 2013, Borovets, Bulgaria.
- Guliyev H.F. , Gasimov Y.S. Optimal control method to solving the Cauchy-Dirichlet problem for elliptic equation, Extended abstracts of the 4th International Conference on Control and Optimization with Industrial Applications, 10-12 July, 2013, Borovets, Bulgaria.
- Gasimov Y.S., Allahverdiyeva N.A. Algorithm to solution of the shape optimization problem for the eigenvalues, 2nd International Eurasian Conference on Mathematical Sciences and Applications, 26-29 September, 2013, Sarajevo, Bosnia and Herzegovina.
- Gasimov Y.S., Amirova L.I. On a shape design problem for the eigenfrequency of the membrane with fixed boundary length, The 1st Eurasian Conference on Mathematical Sciences and Applications, September 03-07, 2012, Pristine, Kosovo, p.144.
- Aliev F.A., Gasimov Y.S., Velieva N.I., Agamalieva L.F. A method for the solution of the optimal control problem for the linear descriptor systems, The 1st Eurasian Conference on Mathematical Sciences and Applications, September 03-07, 2012, Pristine, Kosovo, p.107.
- Aliev F.A., Gasimov Y.S., Velieva N.I., Safarova N.A., Agamalieva L.F. High accuracy algorithm to the solution of the optimal output feedback problem for the linear systems, 9th Seminar on Differential Equations and Dynamical Systems, July 11-13, 2012, Tabriz, Iran, pp.353-354.
- Gasimov Y.S., Mardanov I.J., Safarova N.A. On a minimization of the first eigenfrequency of the plate with respect to its domain, IV Congress of the Turkic World Mathematical Society, Baku, Azerbaijan, 1-3 July, 2011, p.353.
- Aliev F.A., Ismayilov F.S., Ismayilov N.A., Gasimov Y.S. On a problem of identification in the linear stationary case, The 3th International Conference on Control and Optimization with Industrial Applications, Ankara, Turkey, 2011, pp. 134-135.
- Gasimov Y.S., Safarova N.A. On an optimization problem with respect to domain for the eigenfrequency of the vibrating plate, The 3th International Conference on Control and Optimization with Industrial Applications, Ankara, Turkey, 2011, pp.87-88.
- Aliev F.A., Velieva N.I., Gasimov Y.S. High-accuracy algorithm to the solution of the optimal control output feedback problem, The 3th International Conference on Control and Optimization with Industrial Applications, Ankara, Turkey, 2011, p. 97.
- Gasimov Y.S. Variable domain eigenvalue problems with applications to some mechanical systems, The NATO Science for Peace and Security Programme Workshop on Use of the Risk Analysis in Computer-Aided Persuasion, Antalya, Turkey, 22-26 May 2011.
- Aliev F.A., Mutalimov M.M., Gasimov Y.S. Algorithm to the solution of the spatial problem of construction program trajectory and control of the gaslift process, International Conferense Dedicated to the 80th Anniversary of prof. F.G.Maksudov, Baku, 2010, pp.56-58.
- Gasimov Y.S. On an optimization problem with respect to domain for the eigenvalues of Laplace operator, The Second International Conference on Mathematical Physics and its Applications, Samara, 2010, pp.54-55.
- Aliev F.A., Velieva N.I., Gasimov Y.S. High-accuracy algorithm to the solution of the optimal control output feedback problem for the linear systems, 7th International Conference on Applied Mathematics, Baia Mare, Romania, 1-4 September, 2010, 1p.

- Gasimov Y.S., Safarova N.A. An iterative method to the solution of the optimal regulator problem, 7th International Conference on Applied Mathematics, Baia Mare, Romania, 1-4 September, 2010, 1
- Gasimov Y.S. Necessary optimality condition with respect to domain for one spectral functional, International Conference on Differential Equations and Dynamical Systems, Suzdal, 2010, p.211.
- Aliev F.A., Ilyasov M.M., Gasimov Y.S., Nuriev N.B. Problems of mathematical modeling, optimization and control of the gazlift process, III Congress of the Turkic World Mathematical Society, Almaty, Kazakhstan, 2009, V.2, p.113.
- Aliev F.A., Ilyasov M.M., Gasimov Y.S. Space optimal control problem in the oil extraction by gazlift method, III Congress of the Turkic World Mathematical Society, Almaty, Kazakhstan, 2009, vol.2, p.114.
- Gasimov Y.S. Eigenvalue problems for -Laplacian with variable domain, III Congress of the Turkic World Mathematical Society, Almaty, Kazakhstan, 2009, V.1, p.306.
- Gasimov Y.S. On one shape optimization problem for - Laplacian, International Conference “Modern Problems of Applied Mathematics and Information Technologies – Al-Khorezmiy-2009”, V.2, pp.78-81.
- Gasimov Y.S. How to find an optimal shape for one spectral functional, International Conference on mathematical physics and applications, Samara, 2008, p. 52.
- Gasimov Y.S., Nachaoui A. On an existence of the optimal shape for one spectral functional, The 2nd International Conference on Control and Optimization with Industrial Applications, Baku, 2-4 June, 2008, p.65.
- Gasimov Y.S. On a numerical solution of a domain optimization problem for the eigenvalues, International Conference Dedicated to the 100th Anniversary of prof. A.I. Huseynov, Baku, 2007, p.61.
- Gasimov Y.S. On a minimization of one functional over domain, Proceedings of the 38th Annual Iranian Mathematical Conference, Zanjan, 2007, pp.267-269.
- Gasimov Y.S. On an optimization problem for the eigenvalues, International Conference “Inverse and Ill-Posed Problems of Mathematical Physics” dedicated to prof. M.M. Lavrentev in Occasion of his 75-th Birthday, Novosibirsk, 2007, pp.1-3.
- Gasimov Y.S. On a Numerical Solution of one Shape Optimization Problem for the Eigenvalues, The Second Turkic World Mathematical Symposium, Sakarya 4-7 June, 2007, p.66.
- Gasimov Y.S. On the minimal value of the constant in one functional inequality, International Conference “Mathematics, Mechanics, Informatics”, Chelyabinsk, 19-22 June, 2006, p.161.
- Gasimov Y.S., Niftiyev A.A. On one minimization problem for the eigenvalues relatively domain, The 1st International Conference on Control and Optimization with Industrial Applications, Baku, 2005, pp. 76-77.
- Gasimov Y.S. On an inverse problem relatively domain for the plate, The 1st International Conference on Control and Optimization with Industrial Applications, Baku, 2005, pp.42-43.
- Gasimov Y.S. On a convex dependence of the eigenvalues on the domain, Proceedings of the 2nd Conference “Modern Problems of Informatics, Cybernetics and Information Technologies”, Baku, 2004, V.3, pp.106-109.

- Gasimov Y.S. On an inverse spectral problem, International Conference “Algorithmic analysis of the non- stable problems”, Yekaterinburg, 2003, p.134.
- Gasimov Y.S., Niftiyev A.A. Convex dependence of the eigenvalues on the domain, International Conference “Modern Problems of Mathematics, Mechanics and Informatics” dedicated to the 80th anniversary of prof. Tolokonnikov, Tula Russia, 2003, pp. 16-17.
- Gasimov Y.S. On the extremal properties of the eigenvalues with respect to domain, International Conference “Ill Posed and Inverse Problems” dedicated to prof. M.M. Lavrentev, Moscow, 2002, p. 64.
- Gasimov Y.S. On a variation of the eigenvalues of the second order elliptic equation with the second condition relatively domain, Conference Dedicated to the 85th Anniversary of prof. A.S. Habibzade, Baku, 2001, p.105.
- Gasimov Y.S., Niftiyev A.A. Some aspects of the investigation of the movement and interaction of the bodies, International Conference “Nasreddin Tusi and modern mathematics”, Baku, 2001, 1p.
- Gasimov Y.S. On a variation of the eigenvalues relatively two connected domains, International Conference “Tools for Mathematical Modeling”, Saint-Petersburg, 2001, p. 23.
- Gasimov Y.S., Niftiyev A.A. Parametrical dependence of the eigenvalues of Laplace operator on the domain, International Conference “Differential Equations and Applications”, Saint- Petersburg, V.6, 2000, p. 43.
- Gasimov Y.S. On some parametrical properties of the eigenvalues relatively domain, The Second Joint Seminar on Applied Mathematics, Zanjan University, 2000, p.44.
- Gasimov Y.S., Niftiyev A.A. On Minimization of the Fist Eigenvalue of Laplace Operator over Domains, International Conference “Tools for Mathematical Modeling”, Saint-Petersburg, 1999, pp. 94-95.
- Gasimov Y.S. Asymptotical formulas for some series of the eigenvalues of Pauli operator in sphere, Proceedings of the Conference Dedicated to the 80th Anniversary of prof. G.Ahmadov, Baku, 1998, pp.154-156.
- Niftiyev A.A., Gasimov Y.S. Optimal Control Problem for the Elliptic Equation with Unknown Boundaries, International Conference Dedicated to the 90th Anniversary of L.S. Pontryagin, Moscow, 1998, pp.147-149.