



URGENCH STATE UNIVERSITY
TECHNICAL FACULTY



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POSITION PhD

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POWER	<ul style="list-style-type: none"> • 2022 PhD (In physics and mathematics) • 2012-2014 Samarkand State University (master) • 2008-2012 Urgench State University (Bachelour)
WORK EXPERIENCE	<ul style="list-style-type: none"> • 2014-2017y. Lecturer at the Department of Transport Systems, Urgench State University • 2017-2019y. Lecturer at the Department of Interfaculty General Technical Disciplines, Urgench State University • 2019-2021y. Doctoral student at the Department of Engineering and Mathematics, Urgench State University • 2022 Urgench State University "Interfaculty general technical disciplines" Trainee-teacher of the department
SPECIALTY	<ul style="list-style-type: none"> • Mechanics
LEARNING SUBJECTS	<ul style="list-style-type: none"> • Mechanical Sciences
RESEARCH WORK	<ul style="list-style-type: none"> • Study of the motion of Newtonian and non-Newtonian fluids.
SCIENTIFIC RESEARCH	<ol style="list-style-type: none"> 1. Navruzov Kuralbay, Begjanov Amirbek, Khujatov Nurbek. Unstationary flow of a viscoelastic liquid in a plane channel // International Engineering Journal For Research & Development. Vol.5 Issue 5.–India 2020. (№35, CrossRef. Impact factor: 4.9). 2. Navruzov K., Begjanov A.Sh., Shukurov Z.K. Method for determining hydraulic resistance during fluid flow in pipes // Electronic journal of actual problems of modern science, education and training 2019-II part. Issn 2181-9750.-pp. 1-8.(01.00.00; №10). 3. Navruzov Kuralbay, Begjanov Amirbek, Khujatov Nurbek. Stationary flow of a viscous fluid in a flat channel with permeable walls (in the example of blood circulation) // European Journal of Molecular & Clinical Medicine. ISSN 2515-8260 Volume 07, Issue 03, 2020.(№3 Scopus. №35 CrossRef.). 4. Navruzov K., Rajabov S., Shukurov Z., Begjanov A., Babajanova Y. On the reduction of the resistance in the central arterial vessel // Asian Journal of Research № 12(12)2017.-pp.20-31.(№35 CrossRef. Impact factor:4.1). 5. Navruzov Kuralbay, Begjanov Amirbek, Khujatov Nurbek. Pulsing flows of a viscous incompressible liquid in a pipe with elastic

walls//Psychology and education (2021) 58(2).-pp. 1436-1444.(№3 Scopus.).

6. Navruzov K., Sharipova Sh., Khujatov N., Begjanov A. General rheological model of elastic viscosity fluids // JournalNX- A Multidisciplinary Peer Reviewed Journal. VOLUME 6, ISSUE 10, Oct. - 2020.P 138-142. (№35 CrossRef. Impact factor: 0.57).

7. Бегжанов Амирбек Шихназарович., Хўжатов Нурбек Жумабаевич., Шукуров Зоҳид Кучкарович. Ясси каналларда олдройд суюқликнинг ностационар оқими // “Илм сарчашмалари”, Урганч. 2020.-№4. 3-8 б. (01.00.00; №12).

8. Begjanov A. Sh., Inoyatov M.O. Simplification of differential equations of elastic viscous fluid motion in pipes and ducts // Central asian journal of theoretical and applied sciences. Volume: 02 Issue: 03 | March 2021

9. Бегжанов А.Ш., Матвапаев Х.М. Выражение дифференциальные уравнения движения несжимаемой вязкой жидкостей в декартовых, цилиндрических и сферических координатах. // Актуальные вызовы современной науки. XLIV Международная научная конференция. Переяслав - 2019 г.-С 130-133.

10. Navruzov K., Шарипова Ш.Б., Абдикаримов Н.И., Бегжанов А.Ш. Касательное напряжение сдвига при колебательном течении вязкоупругой несжимаемой жидкости в плоском канале // International conference, Mathematical analysis and its applications in modern mathematical physics. September 23-24, 2022; Samarkand, Uzbekistan. p37-38.

11. Бегжанов А.Ш., Хужатов Н.Ж. Нестационарное течение вязкоупругой жидкости в плоском канале // Ўзбекистонда илмий-амалий тадқиқотлар мавзусидаги конференция материаллари. 2020.№20.;27-30б

- 12. Бегжанов Амирбек, Исмаилов Рахматжон. Девори ўтказувчи цилиндрик қувурларда суюқликларнинг стационар оқими. // “Innovatsion texnologiyalari, IT-texnologiya va ishlab chiqarishda mehnat muhofazasi muomolari va yechimlari” mavzusida xorijiy hamkorlar ishtirokida Respublika ilmiy-amaliy anjuman materiallari. Andijon-2022. 571-577b.