

Moscow Institute of Physics and Technology (National Research University)
 Department of Control and Applied Mathematics
 Records of university grades

Student: Rustem Islamov

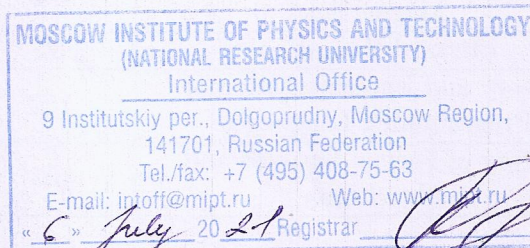
Thesis: Distributed Second Order Methods with Fast Rates and Compressed Communication

Graduation: August, 2021

Average Grade for 8 semesters: 4.95/5 (9.27/10)

Grading system

| 10-point scale | 5-point scale |
|----------------|--------------------|
| 10, 9, 8 | Excellent (5) |
| 7, 6, 5 | Good (4) |
| 4, 3 | Satisfactory (3) |
| 1, 2 | Unsatisfactory (2) |



1 year, 1 semester (September 2017 — January 2018)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|---|----------------|---------|-----------|----------------|---------------|
| Algebra of Logic, Combinatorics, Graph Theory | 105 | 3 | Exam | 0 | Excellent(10) |
| Analytical Geometry | 105 | 3 | Exam | 0 | Excellent(9) |
| English Language (level B2/C1) | 90 | 2 | Fail/Pass | 0 | Passed |
| Database | 150 | 4 | Exam | 0 | Excellent(8) |
| Introduction to Mathematical Analysis | 240 | 6 | Exam | 0 | Excellent(10) |
| Information Technologies | 180 | 4 | Credit | 0 | Excellent(9) |
| History | 45 | 1 | Credit | 0 | Excellent(8) |
| General Physics: Physical Practice | 135 | 3 | Credit | 0 | Excellent(9) |
| General Physics: Mechanics | 150 | 4 | Exam | 0 | Excellent(9) |
| Physical Education | 90 | 2 | Fail/Pass | 0 | Passed |
| | | | | Average | 5.0 (9.00) |

1 year, 2 semester (February 2018 — June 2018)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|---|----------------|---------|-----------|----------------|---------------|
| English Language (level B2/C1) | 90 | 2 | Credit | 0 | Excellent(8) |
| Information Technologies | 180 | 4 | Credit | 0 | Excellent(10) |
| Linear Algebra | 105 | 3 | Exam | 0 | Excellent(10) |
| Multidimensional Analysis, Integrals and Series | 240 | 6 | Exam | 0 | Excellent(10) |
| General Physics: Physical Practice | 135 | 3 | Credit | 0 | Excellent(9) |
| General Physics: Thermodynamics and Molecular Physics | 150 | 4 | Exam | 0 | Excellent(9) |
| Fundamental Algorithms | 45 | 1 | Credit | 0 | Excellent(9) |
| Fundamentals of Higher Algebra and Coding Theory | 135 | 4 | Credit | 0 | Excellent(10) |
| Physical Education | 66 | 0 | Fail/Pass | 0 | Passed |
| | | | | Average | 5.0 (9.38) |

2 year, 3 semester (September 2018 — January 2019)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|--|----------------|---------|-----------|----------------|---------------|
| Analytical Mechanics | 105 | 3 | Exam | 0 | Excellent(10) |
| English Language (level B2/C1) | 90 | 2 | Fail/Pass | 0 | Passed |
| Differential Equations | 90 | 2 | Credit | 0 | Excellent(10) |
| Information Technologies | 180 | 4 | Credit | 0 | Excellent(9) |
| Multiple Integrals and Field Theory | 150 | 4 | Exam | 0 | Excellent(9) |
| General Physics: Physical Practice | 135 | 3 | Credit | 0 | Excellent(9) |
| General Physics: Electricity and Magnetism | 195 | 5 | Exam | 0 | Excellent(10) |
| Physical Education | 66 | 0 | Fail/Pass | 0 | Passed |
| Theory and Implementation of Programming Languages | 150 | 4 | Exam | 0 | Good(7) |
| Theory of Formal Systems and Algorithms | 105 | 3 | Exam | 0 | Excellent(10) |
| | | | | Average | 4.88 (9.25) |

2 year, 4 semester (February 2019 — June 2019)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|--|----------------|---------|-----------|----------------|---------------|
| Algorithms and models of calculations | 135 | 3 | Credit | 0 | Excellent(9) |
| Analytical Mechanics | 105 | 3 | Exam | 0 | Excellent(10) |
| English Language (level B2/C1) | 90 | 2 | Credit | 0 | Excellent(8) |
| Harmonic Analysis | 150 | 4 | Exam | 0 | Excellent(10) |
| Differential Equations | 150 | 4 | Exam | 0 | Excellent(10) |
| Additional Chapters of Discrete Analysis | 90 | 2 | Credit | 0 | Good(7) |
| Information Technologies | 180 | 4 | Credit | 0 | Excellent(10) |
| Measure and Lebesgue integral | 45 | 1 | Credit | 0 | Excellent(10) |
| General Physics: Physical Practice | 135 | 3 | Credit | 0 | Excellent(8) |
| General Physics: Optics | 150 | 4 | Exam | 0 | Excellent(10) |
| Physical Education | 66 | 0 | Fail/Pass | 0 | Passed |
| | | | | Average | 4.90 (9.20) |

3 year, 5 semester (September 2019 — January 2020)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|---|----------------|---------|-----------|----------------|---------------|
| English Language (level B2/C1) | 90 | 2 | Fail/Pass | 0 | Passed |
| Computational Mathematics | 135 | 3 | Credit | 0 | Excellent(10) |
| State Exam in Physics | 60 | 2 | Exam | 0 | Excellent(9) |
| Optimization Methods | 105 | 3 | Exam | 0 | Excellent(9) |
| General Physics: Quantum Physics | 90 | 2 | Credit | 0 | Excellent(9) |
| General Physics: Physical Practice | 135 | 3 | Credit | 0 | Excellent(9) |
| Physical Education | 66 | 0 | Fail/Pass | 0 | Passed |
| Probability Theory | 90 | 2 | Credit | 0 | Excellent(8) |
| Field Theory | 105 | 3 | Exam | 0 | Excellent(10) |
| Theory of Functions of a Complex Variable | 150 | 4 | Exam | 0 | Excellent(10) |
| Equations of Mathematical Physics | 90 | 2 | Credit | 0 | Excellent(10) |
| Functional Analysis | 90 | 2 | Fail/Pass | 0 | Passed |
| | | | | Average | 5.00 (9.33) |

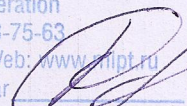
MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY
 (NATIONAL RESEARCH UNIVERSITY)
 International Office
 9 Institutskiy per., Dolgoprudny, Moscow Region,
 141701, Russian Federation
 Tel./fax: +7 (495) 408-75-63
 E-mail: info@mipt.ru Web: www.mipt.ru
 "6" July 20 Registrar

3 year, 6 semester (February 2020 — June 2020)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|--|----------------|---------|-----------|----------------|---------------|
| English Language (level B2/C1) | 105 | 3 | Exam | 0 | Excellent(9) |
| Introduction to Machine Learning | 45 | 1 | Credit | 0 | Excellent(10) |
| Computational Mathematics | 135 | 3 | Credit | 0 | Excellent(10) |
| State Exam in Mathematics | 60 | 2 | Exam | 0 | Excellent(10) |
| Optimization Methods | 105 | 3 | Exam | 0 | Excellent(10) |
| Quantum Mechanics | 90 | 2 | Credit | 0 | Excellent(8) |
| Parallel Algorithms | 90 | 2 | Credit | 0 | Excellent(8) |
| Practical Seminars on Machine Learning | 45 | 1 | Credit | 0 | Excellent(10) |
| Practical Seminars on Python Programming | 90 | 2 | Fail/Pass | 0 | Passed |
| Physical Education | 66 | 0 | Fail/Pass | 0 | Passed |
| Stochastic Processes | 105 | 3 | Exam | 0 | Excellent(8) |
| Scientific Seminar | 45 | 1 | Fail/Pass | 0 | Passed |
| Equations of Mathematical Physics | 195 | 5 | Exam | 0 | Excellent(10) |
| Functional Analysis | 105 | 3 | Exam | 0 | Excellent(10) |
| | | | | Average | 5.00 (9.36) |

4 year, 7 semester (September 2020 — January 2021)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|--|----------------|---------|-----------|----------------|---------------|
| Quantum Mechanics | 105 | 3 | Exam | 0 | Excellent(10) |
| Mathematical Statistics | 105 | 3 | Exam | 0 | Excellent(10) |
| Deep Learning | 105 | 3 | Exam | 0 | Excellent(10) |
| Basics of Life Safety | 45 | 1 | Pass/Fail | 0 | Passed |
| Kolmogorov's Complexity and its Applications | 90 | 2 | Credit | 0 | Excellent(9) |
| Mathematical Methods of Text Analysis | 45 | 1 | Credit | 0 | Excellent(9) |
| Mathematical Methods of Forecasting | 45 | 1 | Pass/Fail | 0 | Passed |
| Mathematical Foundations of Machine Learning | 90 | 2 | Credit | 0 | Excellent(10) |
| Optimal Control Methods | 90 | 2 | Credit | 0 | Excellent(10) |
| Research Work | 270 | 6 | Credit | 0 | Excellent(10) |
| Practical Work | 225 | 5 | Pass/Fail | 0 | Passed |
| Spanish Language (A1) | 90 | 2 | Pass/Fail | 0 | Passed |
| | | | | Average | 5.00(9.75) |

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY
(NATIONAL RESEARCH UNIVERSITY)
International Office
9 Institutskiy per., Dolgoprudny, Moscow Region,
141701, Russian Federation
Tel./fax: +7 (495) 408-75-63
E-mail: intoff@mipt.ru Web: www.mipt.ru
« 6 » July 2021 Registrar 

4 year, 8 semester (February 2021 — June 2021)

| Course | Academic hours | Credits | Type | Attempt Number | Grade |
|--------------------------------------|----------------|---------|--------|----------------|---------------|
| Mathematical Methods of Forecasting | 60 | 2 | Exam | 0 | Excellent(9) |
| Optimal Control Methods | 105 | 3 | Exam | 0 | Excellent(10) |
| Defence of the Final Qualifying Work | 150 | 4 | Exam | 0 | Excellent(10) |
| Applied Combinatorial Analysis | 60 | 2 | Exam | 0 | Excellent(10) |
| Applied Machine Learning Models | 105 | 3 | Exam | 0 | Excellent(10) |
| Statistical Physics | 105 | 3 | Exam | 0 | Excellent(8) |
| Spanish Language (A1) | 90 | 2 | Credit | 0 | Excellent(9) |
| Image Analysis and Recognition | 45 | 1 | Credit | 0 | Excellent(9) |
| Networks and Texts Analysis | 45 | 1 | Credit | 0 | Good(7) |
| Pregraduation Practice | 360 | 8 | Credit | 0 | Excellent(10) |
| Applied Statistics | 90 | 2 | Credit | 0 | Excellent(8) |
| Philosophy | 45 | 1 | Credit | 0 | Excellent(9) |
| | | | | Average | 4.92(9.00) |