



## INFORMATION ABOUT THE AUTHORS

### *Atto Karim*

Postgraduate student of the department of automation and control processes of Saint Petersburg Electrotechnical University.

Phone: +7 (981) 855-26-33

E-mail: kareematto90@gmail.com

### *Afanasev Aleksei Valentinovich*

Assistant professor of the department of micro- and nanoelectronics of Saint Petersburg Electrotechnical University, Ph. D. in engineering.

Phone: (812) 234-27-57

E-mail: a\_afanasjev@mail.ru

### *Belov Alexander Mikhailovich*

Student gr. 5404 of Saint Petersburg Electrotechnical University.

Phone: +7 (921) 773-29-58

E-mail: sana199706@mail.ru

### *Bezdenzhnykh Daniil Vladimirovich*

Associate professor of the department of electric drive of Lipetsk State technical University, Ph. D. in engineering.

Phone: +7 (980) 250-61-30

E-mail: daniil\_lipetsk@rambler.ru

### *Fomin Boris Fedorovich*

Professor of the department of automation and control processes of Saint Petersburg Electrotechnical University, professor. Doctor of technical science.

Phone: (812) 297-21-24

E-mail: bfomin@mail.ru

### *Frolov Vladimir Yakovlevich*

Professor of the Higher school of Electric Power Systems of Peter the Great St. Petersburg Polytechnic University, Dr. habil. of Engineering Sciences, Full Professor.

Phone: (812) 552-76-43

E-mail: kurmashev\_ad@spbstu.ru

### *Golubkov Vladimir Alekseevich*

Engineer of the Engineering Center of Microtechnology and of Saint Petersburg Electrotechnical University.

Phone: +7 (812) 234-27-57

E-mail: vavantess@mail.ru

### *Ilyin Vladimir Alekseevich*

Assistant professor of the department of micro- and nanoelectronics of Saint Petersburg Electrotechnical University, Ph. D. in engineering.

Phone: (812) 234-27-57

E-mail: ilyincmid@gmail.com

### *Imaev Damir Habibovich*

Professor of the department of automation and control processes of Saint Petersburg Electrotechnical University. Doctor of engineering.

Phone: +7 (921) 584-64-45.

E-mail: damir.imaev@mail.ru

### *Kachanova Tamara Leonidovna*

Professor of the department of automation and control processes of Saint Petersburg Electrotechnical University. Doctor of technical science.

Phone: (812) 297-21-24

E-mail: kachanova-tamara@mail.ru

### *Kurmashev Aron Dautkhanovich*

Associate Professor of School of Cyberphysical Systems and Control of Peter the Great St. Petersburg Polytechnic University, Ph. D. of Engineering Sciences, Docent.

Phone: (812) 029-75-96

E-mail: kurmashev\_ad@spbstu.ru

### *Kotova Elena Evgen'evna*

Associate professor of the department of automation and control processes of Saint Petersburg Electrotechnical University. Ph. D.

Phone: +7 (921) 993-10-57

E-mail: eekotova@gmail.com

### *Kvashnin Sergei Vladimirovich*

Deputy general director – technical director of CJSC «SPF „Systema-Service“».

Phone: +7 (921) 789-53-13

Email: ikvaser@mail.ru

### *Luchinin Viktor Viktorovich*

Professor, head of the department of micro- and nanoelectronics of Saint Petersburg Electrotechnical University, Ph. D. in engineering.

Phone: (812) 234-31-64

E-mail: cmid@eltech.ru

*Lyubkin Pavel L'vovich*

The post-graduate student of the department of information systems of Saint Petersburg Electrotechnical University.

Тел.: +7 (952) 388-41-58

E-mail: LyubkinPL@gmail.com

*Meshcheryakov Viktor Nikolaevich*

Head of the department of electric drive Lipetsk of State technical University, professor, Ph. D. in engineering.

Phone: +7 (910) 742-94-75

E-mail: mesherek@yandex.ru

*Meshkovskiy Evgeniy Olegovich*

Postgraduate of institute of Energy of Peter the Great St. Petersburg Polytechnic University.

Phone: +7 (964) 322-88-56

E-mail: meshkovskii\_evge@mail.ru

*Nazarenko Nikolay Aleksandrovich*

Deputy head of the department of information systems of Saint Petersburg Electrotechnical University. Ph. D. of engineering.

Phone: +7 (921) 757-90-65

E-mail: nicolas@ergoit.ru

*Ntawuhorakomeye Noel*

Post-graduate student of the department of robotics and automation of production systems of Saint Petersburg Electrotechnical University.

Phone: +7 (965) 001-21-60

E-mail: noentaw1@mail.ru

*Osmolovsky Pavel Dmitrievich*

Student gr. 4304 of Saint Petersburg Electrotechnical University.

Phone: +7 (981) 737-09-86

E-mail: p.osmolovsky@nicetu.spb.ru

*Prokofiev Gennady Ivanovich*

Professor of the department of robotics and automation of production systems of Saint Petersburg Electrotechnical University. Doctor of technical sciences.

Phone: +7 (901) 301-59-35.

E-mail: giprokofiev@yandex.ru

*Reshanov Sergey Aleksandrovich*

Development Manager of the Ascatron AB (Sweden), Ph. D. in engineering.

Phone: (812) 234-27-57

E-mail: sergey.reshanov@ascatron.com

*Romanenko Sergey Aleksandrovich*

Ph. D. in engineering, assistant professor of the department of computer software environment, deputy general director for development and production of the Research & Engineering Center of Saint Petersburg Electrotechnical University.

Phone: 7 (962) 680-15-84

E-mail: s\_romanenko@mail.ru

*Ryabko Andrey Andreevich*

Post graduate student of the department of micro- and nanoelectronics of Saint Petersburg Electrotechnical University.

Phone: (812) 234-27-57

E-mail: a.a.ryabko93@yandex.ru

*Sergushichev Kirill Aleksandrovich*

Engineer of the Engineering Center of Microtechnology and Diagnostics of Saint Petersburg Electrotechnical University.

Phone: (812) 234-27-57

E-mail: k.a.sergushichev@gmail.com

*Shestopalov Michael Yurievich*

Head of the department of automation and control processes of Saint Petersburg Electrotechnical University, Doctor of engineering.

Phone: +7 (921) 946-01-18.

E-mail: shestopalov\_08@mail.ru

*Shubin Roman Valerevich*

Assistant of the department of robotics and automation of production systems of Saint Petersburg Electrotechnical University.

Phone: +7 (952) 237-81-84

E-mail: rvshubin@yandex.ru

*Titov Sergey Sergeevich*

General manager of LLC «SPE System48», Ph. D. in engineering.

Phone: +7 (904) 690-26-01

E-mail: main@system48.ru

*Trembach Sergei Andreevich*

Magister in «Modeling, research and management of Electromechanical systems» of Cherepovets State University (ChSU).

Phone: +7 (911) 548-43-73

E-mail: satrembach@yandex.ru

*Trushlyakova Valentina Vladimirovna*

Researcher of the Scientific and Educational Center «Nanotechnologies» of Saint Petersburg Electrotechnical University, Associate Professor, Ph. D. in engineering.

Phone: (812) 234-27-57

E-mail: vvtrushliakova@etu.ru