



## Information about the authors

### *Belov Mikhail Petrovich*

Doctor of technical science. Deputy head of the department of robotics and automation of manufacturing systems of Saint Petersburg Electrotechnical University «LETI».

Phone: (812) 346-12-48.  
E-mail: milesa58@mail.ru.

### *Burov Ilya Alekseevich*

Student gr. 5492 of the department of systems of the automated designing of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (911) 820-51-49.  
E-mail: ilya.burov1997@gmail.com.

### *Busko Ilya Vladimirovich*

The post-graduate student of the department of computer modeling and multiprocessing systems of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (904) 632-42-15.  
E-mail: trassae95st@mail.ru.

### *Chernokulsky Vladimir Viktorovich*

Assistant professor of the department of computer software environment of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (921) 646-00-99.  
E-mail: vladimir.chernokulsky@gmail.com.

### *Fomin Boris Fedorovich*

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

Phone: (812) 297-21-24.  
E-mail: fomin@acea.neva.ru.

### *Fomin Oleg Borisovich*

Assistant of the department of automation and control processes, of Saint Petersburg Electrotechnical University «LETI».

Phone: (812) 297-21-24.  
E-mail: fomin@acea.neva.ru.

### *Ghellab Yahiya*

The post-graduate student of the department of life support systems of University ITMO.

Phone: +7 (8900) 656-45-12.  
E-mail: ghellabayahia@yahoo.com.

### *Grigorian Anait Sergeevna*

Student group 1491 student of the department of systems of automated management of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (921) 182-73-07.  
E-mail: griganait@yandex.ru.

### *Gusenitsa Yaroslav Nikolaevich*

Dr. Eng. Sc., Lecturer of the department of metrological provision of Mozhaisky Military Space Academy.

Phone: +7 (981) 831-50-29.  
E-mail: yaromir226@mail.ru.

### *Hildayati Annisa*

The post-graduate student of the department of life support systems of University ITMO.

Phone: +7 (8931) 227-98-86.  
E-mail: hildayati.annisa@mail.ru.

### *Kachanova Tamara Leonidovna*

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

Phone: (812) 297-21-24.  
E-mail: fomin@acea.neva.ru.

### *Konovalov Sergey Ilyich*

Assistant professor of the department electroacoustics and ultrasound techniques of Saint Petersburg Electrotechnical University «LETI», Ph. D.

Phone: (812) 234-37-26.  
E-mail: sikonovalov.eut@gmail.com.

### *Kuz'menko Andrey Grigor'evich*

Assistant professor of the of the department electroacoustics and ultrasound techniques of Saint Petersburg Electrotechnical University «LETI». Ph. D.

Phone: (812) 234-37-26.  
E-mail: sikonovalov.eut@gmail.com.

### *Mamutov Asanas Rezvantovich*

OJSC «Power machines», engineer-designer of the Department of design of the electric drive, a graduate student of Department of robotics and automation of manufacturing systems of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (904) 603-70-07.  
E-mail: armamutov@gmail.com.

### *Mursayev Alexander Chafizovich*

Professor of the department of computer facilities of Saint Petersburg Electrotechnical University «LETI». Doctor of science in engineering.

Phone: +7 (921) 302-81-78.  
E-mail: sashamursaev@yandex.ru.

### *Nasr Tarek*

The post-graduate student of the department of life support systems of University ITMO.

Phone: +7 (8999) 206-09-48.  
E-mail: tarek01021988@mail.ru.

*Pronin Michael Vacilevitch*

Professor and doctor of the department of robotics and automation of industrial systems of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (921) 305-67-83.

E-mail: mpronin1@rambler.ru.

*Razmochaeva Natalya Vladimirovna*

Student of the department of software engineering and computer applications of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (906) 265-40-28.

E-mail: razmn@mail.ru.

*Seliverstov Svyatoslav Alexandrovich*

Researcher of the institute of transport problems of RAS by N. S. Solomenko, Ph. D. in engineering.

Phone: +7 (965) 019-04-37.

E-Mail: seliverstov\_s\_a@mail.ru.

*Seliverstov Yaroslav Alexandrovich*

Researcher of the institute of transport problems of RAS by N. S. Solomenko. Ph. D. in engineering.

Phone: +7 (960) 247-81-57.

E-mail: maxwell\_8-8@mail.ru.

*Stebлина Elena Olegovna*

Student gr. 3309 of the department of computer facilities of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (921) 566-82-46.

E-mail: steblinaelena3307@gmail.com.

*Suloeva Elena Sergeevna*

Postgraduate of the department of information-measuring devices and systems state of Saint Petersburg Electrotechnical University «LETI».

Phone: (812) 234-93-93.

E-mail: suloewa@list.ru.

*Toporskaja Aleksandra Sergeevna*

Student gr. 2586 of Saint Petersburg Electrotechnical University «LETI».

Phone: (812) 234-93-93.

E-mail: crazyhatt@gmail.com.

*Tran Huu Phuong*

The post-graduate student of the department of robotics and industrial automation of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (952) 280-09-68.

E-mail: tranhuuphuong83@gmail.com.

*Tsareva Anna Vyacheslavovna*

The post-graduate student of the department of information and measuring systems and technologies of Saint Petersburg Electrotechnical University «LETI».

Phone: (812) 234-93-93.

E-mail: caanyuta@yandex.ru.

*Vaganov Michail Aleksandrovich*

Ph. D. in engineering, assistant professor of the department of robotics and automation of industrial systems of Saint Petersburg Electrotechnical University «LETI».

Phone: (812) 234-23-90.

E-mail: MAVaganov@mail.eltech.ru.

*Voinov Kirill Nikolayevich*

Doctor of technical sciences, professor of the department of University ITMO.

Phone: (812) 376-89-72.

E-mail: forstar@mail.ru.

*Voronsov Aleckcey Gennadivitch*

Principal engineer in the section of electrical drive in the «Power machines company» (Saint Petersburg). Ph. D. in engineering.

Phone: +7 (921) 782-21-23.

E-mail: ag.voroncov@gmail.com.

*Yi Wenlong*

The post-graduate student of the department of systems of automated designing of Saint Petersburg Electrotechnical University «LETI». Senior lecturer of Jiangxi Agricultural University (Nanchang, China).

Phone: +7 (906) 277-07-67.

E-mail: yiwenlong@mail.ru.