



## Information about the authors

### *Altuxov Aleksandr Ivanovich*

Head of the physics department of A. F. Mozhaisky military space academy, Ph. D. in technical sciences, associate professor.

Phone: (812) 347-95-08.

E-mail: aai\_51@mail.ru.

### *Belov Mikhail Petrovich*

Deputy head of the department of robotics and automation of manufacturing systems of Saint Petersburg Electrotechnical University «LETI», professor, D. Sc. in engineering.

Phone: +7 (921) 745-67-58.

E-mail: milesa58@mail.ru

### *Bestuzhev Mikhail Pavlovich*

Master of the department of information systems of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (812) 234-27-73.

E-mail: bestugev94@gmail.com.

### *Bilan Vladimir Ivanovich*

Senior lecturer of the optical-electronic means department of A. F. Mozhaisky military space academy, Ph. D. in military sciences.

Phone: +7 (931) 953-74-16.

E-mail: sergeibagrecov@bk.ru.

### *Bruslinovskiy Boris Vasil'evich*

Head of the ship electric engineering and technology institute (KSRC Branch) department, docent of the control system department of Saint Petersburg Electrotechnical University «LETI», candidate of technical sciences, docent.

Phone: +7 (812) 748-52-33.

E-mail: brborvas@list.ru.

### *Cheburkov Michail Aleksandrovich*

Lecturer of the optical-electronic means department of A. F. Mozhaisky military space academy.

Phone: +7 (911) 262-55-34.

E-mail: ma82che@yandex.ru.

### *Chu Trong Su*

Post graduate student of the department of radio microelectronic and radio equipment technology of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (962) 703-79-87.

E-mail: chusu171@mail.ru.

### *Dobroskok Nikita Aleksandrovich*

Deputy head of the oship electric engineering and technology institute (KSRC Branch) department, docent of the department of control system of Saint Petersburg Electrotechnical University «LETI», candidate of technical sciences.

Phone: +7 (906)247-04-26.

E-mail: dobrnicke@gmail.com.

### *Fomin Boris Fedorovich*

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

Phone: (812) 297-21-24.

E-mail: bfomin@mail.ru.

### *Galiullin Ruslan Il'gizovich*

Engineer of the second category of ship electric engineering and technology institute (KSRC Branch) department, graduate student of the department of control system of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (981) 851-01-63.

E-mail: felixxx\_89@mail.ru.

### *Glushakov Vasiliy Vasil'evich*

Engineer of the PJSC «Power machines».

Phone: +7 (921) 558-91-70.

E-mail: glushvas@yandex.ru,

### *Golubkov Alexander Mikhailovich*

Ph. D. student of the department of software engineering and applications of Saint Petersburg Electrotechnical University «LETI».

E-mail: alexgol92@mail.ru.

### *Gurjanov Denis Yurjevich*

Assistant professor of the department of information systems of Saint Petersburg Electrotechnical University «LETI». Candidate of technical sciences.

Phone: +7 (812) 234-27-73.

E-mail: rightx@gmail.ru.

### *Kachanova Tamara Leonidovna*

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

Phone: (812) 297-21-24.

E-mail: kachanova-tamara@mail.ru.

*Klimenko Sergey Vitalivich*

Post graduate student of the department of information and computing systems of Petersburg state transport university name's Alexander I.

Phone: +7 (931) 351-00-13.

E-mail: s.klimenko@live.ru.

*Klionskii Dmitrii Mihailovich*

Assistant professor of the department of software engineering and applications of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (911) 950-13-83.

E-mail: klio2003@list.ru.

*Lavrinovskiy Victor Sergeevich*

Head of sector of ship electric engineering and technology institute (KSRC Branch) department.

Phone: +7 (921) 757-38-04.

E-mail: linwega.g@gmail.com.

*Mokhova Olga Vasil'evna*

Engineer of the first category of ship electric engineering and technology institute (KSRC Branch) department, graduate student of the department of control system of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (921) 412-27-85.

E-mail: o.kurdyayeva@gmail.com.

*Nguyen Duc Phu*

Post graduate student of the department of automatic control systems of Saint Petersburg Electrotechnical University «LETI».

Phone: +7 (964) 333-67-89.

E-mail: phubongchut@gmail.com.

*Novikova Evgenia Sergeevna*

Assistant professor of the department of information systems of Saint Petersburg Electrotechnical University «LETI». Candidate of technical sciences.

Phone: +7 (812) 234-27-73.

E-mail: evgeshka19@mail.ru.

*Ntawuhorakomeye Noel*

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

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

E-mail: noentaw1@mail.ru.

*Polozhentcev Dmitrii Sergeevich*

Engineer of the 1st category JSC «Command Devices Research Institute», assistant of the department of control in technical systems of Saint Petersburg State University of Aerospace Instrumentation (SUAI).

Phone: +7 (904) 647-65-64.

E-mail: pds6476564@yandex.ru.

*Pronin Michael Vacilevitch*

Professor and doctor of the department of robotics and automation of industrial systems of Saint Petersburg Electrotechnical University «LETI», head of sector of the PJSC «Power machines».

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

E-mail: mpronin1@rambler.ru.

*Putov Victor Vladimirovich*

Professor of the department of automatic control systems of Saint Petersburg Electrotechnical University «LETI». Doctor of technical science.

Phone: +7 (921) 951-90-91.

E-mail: vvputov@mail.ru.

*Razmochaeva Natalya Vladimirovna*

Research assistant of the department of software engineering and computer applications of Saint Petersburg Electrotechnical University «LETI». Master of applied mathematics.

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

E-mail: nvrazmochaeva@etu.ru.

*Smirnov Kirill Andreevich*

Laboratory assistant JSC «Command Devices Research Institute».

Phone: +7 (911) 742-88-12.

E-mail: kiryasmirnof@gmail.com.

*Toxtaxodjaev Adham Baxodirovich*

Senior lecturer of the department of Information technologies in railway transport of Tashkent Institute of Railway Engineers.

Phone: +998 (90) 334-53-33.

E-mail: Adham.s.dr@gmail.com.

*Turdiyev Odiljan Akramovich*

Post graduate student of the department of information and computing systems of Petersburg state transport university name's. Alexander I.

Phone: +7 (952) 217-11-71.

E-mail: odiljan.turdiyev@mail.ru.

*Voronsov Aleckcey Gennadivitch*

Head of department of converter technology Ltd «NPC SES» of Saint Petersburg Electrotechnical University «LETI». Ph. D. in engineering.

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

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