

## Part A. PERSONAL INFORMATION

First and Family name	Oleg Nos		
Researcher numbers	Researcher ID	E-7560-2014	
	Scopus ID	25031690800	
	Orcid code	0000-0001-5737-5354	

### A.1. Current position

Name of University/Institution	Novosibirsk State Technical University		
Department	Technological Machinery Design		
Address and Country	20 Prospekt K. Marksa, city Novosibirsk, Russian Federation, 630073		
Phone number	+7-383-3461177	E-mail	nos@corp.nstu.ru
Current position	Professor	From	2019
Research area	Control system, Power Electronics		


### A.2. Education

PhD	University	Year
Candidate of Science (Eng.)	Novosibirsk State Technical University	1999
Doctor of Science (Eng.)	Novosibirsk State Technical University	2015

### A.3. JCR articles, h Index, thesis supervised...

**h Index of SCOPUS: 5. h Index of Web of Science: 3.**

## Part B. CV SUMMARY

1. Application				
Disciplinary Field	Electrical engineering			
Area of Specialization	Standalone four-wire AC distributed generation system with renewable energy sources, control strategies of shunt/series active power filters for power conditioning, vector control systems of variable-speed ac drives with IGBT-converter including cascaded H-bridge multilevel inverters for medium voltage application			
2. Personal Information				
Gender	Male	Nationality	Russian	
3. Educational Background				
Degree	University	Country	Period	Major
Engineer-electrician	Novosibirsk State Technical University	Russian Federation	1990–1995	Electrical engineering
Candidate of Science (Eng.)	Novosibirsk State Technical University	Russian Federation	1996–1999	Electrical engineering
Doctor of	Novosibirsk	Russian	2011–2014	Electrical

Science (Eng.)	State Technical University	Federation		engineering
<b>4. Certificate</b>				
<b>Received Date</b>	<b>Title</b>		<b>Issuing Organization</b>	
14.04.2000	Candidate of Science Diploma		Ministry of Education and Science of the Russian Federation, Higher Attestation Commission	
19.03.2003	Certificate of Assistant Professor		Ministry of Education of the Russian Federation	
06.07.2016	Doctor of Science Diploma		Ministry of Education and Science of the Russian Federation, Higher Attestation Commission	
<b>5. Record of Career</b>				
Name of Institution	Period (YYYY ~ YYYY)	Period in month	Position	
Novosibirsk factory "Sibtekstilmash"	1995	5	Power engineer	
Research Institute of Industrial Drives	1995–1996	13	Engineer	
Novosibirsk State Technical University	1996–1999	36	Postgraduate student	
Novosibirsk State Technical University	1999–2000	9	Assistant lecturer	
Novosibirsk State Technical University	2000–2004	42	Associate professor	
Novosibirsk State Technical University	2004–2013	112	Head of the department	
Novosibirsk State Technical University	2011–2014	36	Doctoral student	
Novosibirsk State Technical University	2013–2019	70	Associate professor	
Industry company "ERASIB Ltd"	2016–2018	19	Main researcher	
Novosibirsk State Technical University	2019–present	–	Professor	

## Part C. RELEVANT MERITS

### C.1. Research projects and grants

1. 2013, Research grant of the German Academic Exchange Service and the Russian Federation Government, “Development of the instantaneous power theory and control strategies of the active power filters based on the quaternions”.

Head of the research – Oleg V. Nos

Temporary duration – 3 months

2. 2014–2017, Research project No. 1319, Ministry of Education and Science of the Russian Federation, “Development of active power filters and their control algorithms to compensate inactive power during transmission, distribution and consumption of electrical energy”.

Temporary duration – 3 years

3. 2015, Research grant of the German Academic Exchange Service and the Russian Federation Government, “The control strategy design of the electronic converter for instantaneous power compensation with using hyper-complex numbers”

Head of the research – Oleg V. Nos

Temporary duration – 2.5 months

4. 2016–2018, Research project № 02.G25.31.0194, Ministry of Education and Science of the Russian Federation, “Development of a new technology for industrial UPS and energy storage system production”

Temporary duration – 2 years

5. 2019, Research project for industry “The high precision permanent magnet synchronous servo-drive with ripple torque compensation”

Temporary duration – 6 months

## **C.2. Contracts**

The current contract with the Novosibirsk State Technical University extends until 2024

## **C.3. Patents**

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## **C.4, C.5, C.6... (e. g., Institutional responsibilities, memberships of scientific societies...)**

Reviewer of Russian engineering journals.

Head of Robotics, Mechatronics and Automation Section at the annual International Conference of Young Professionals in Electron Devices and Materials EDM.

Russian and International PhD thesis reviewer

IEEE Member of the Industry Applications Society, the Industrial Electronics Society and the Power Electronics Society.