

Curriculum Vitae

Vladimir I. Gurevich

Senior Electrical Engineering Specialist

Ph. D., Honorable professor

Summary of Qualifications

20 years' experience in research and development.

Skilled in designing and development power electronic devices for industrial and military applications based on thyristors, power transistors and control systems for them; electric relays; high voltage and pulse devices; protection systems for high voltage power supply, etc.

15 years' experience in test, calibration, verification of measuring instruments and repair electrical and electronic equipment

Skilled in test and calibration of measuring instruments, adjustment and repair all range protection relays and transducers, including electromechanical, electronic and programming, industrial automatic systems, high voltage and low voltage power equipment.

16 years' experience in management of start-up companies, research laboratories and group (up to 15 workers).

7 years' experience in a teaching.

Experience in a teaching electrical disciplines in technical university.

Personal Information

Marital status: married, two children

Date of birth: 1956. Place of birth: Kharkov (Ukraine).

Arrived in the Israel: 1994.

Work Experience

2001 up to now	Israel Electric Corp. , Central Laboratory (Haifa, Israel). Head of Secondary Equipment section. Tested, adjusted and repaired electrical and electronic equipment for power station and substation. Expertise of different projects and tenders. Technical documentation preparation. Research and development. Protection means from EMP (HEMP).
1998 – 2000	Elprocom Ltd (Haifa, Israel). Chief Engineer, Head of Project. Research and development new kind of high-voltage relays and over load protection systems for high power radar, lasers, RF-generators. Management.
1994 – 1997	Israel Electric Corp. , Central Laboratory (Haifa). Electrical Engineer. Putted into operation, tested, adjusted and repaired electrical and electronic equipment for power station and substation, included all range protection relays, HV current and voltage transformers, all range electronic transducers, various automatic systems and devices.

1990 – 1994 **Inventor Ltd** (Kharkov, Ukraine). Director, Chief Engineer, Head of Projects. Personally developed, supervised developments and organized production of electronic devices for industrial and military applications.

1978 – 1990 **Institute of Mechanization and Electrification** (Kharkov, Ukraine). Teacher, associate professor, head of research laboratory. Personally developed and headed developments of electrical devices (voltage regulators, thyristor switches, reed relays, etc.) for industrial and military applications.

Education

1973 – 1978 Institute of Mechanization and Electrification (Kharkov, Ukraine). Specialized: “Electrical Transmission and Distribution”.

1980 – 1983 Post-graduate courses at the same place.

1986 Defended Ph.D. dissertation in Kharkov Polytechnic University. Specialized: “Electrical Apparatus”.

Patents and Publications

116 patents, more than 200 articles in field of Electrical Engineering (list can be delivery on order).

Books:

1. “High Voltage Automatic Devices with Reed Switch”, Haifa-2000, 367 pp.
2. "Protection Devices and Systems for High-Voltage Applications", Marcel Dekker, New York, 2003, 292 pp.
3. "Electric Relays: Principles and Applications", CRC Press (Taylor & Francis Group), Boca Raton – London - New-York, 2005, 704 pp.
4. “Electronic Devices on Discrete Components for Industrial and Power Engineering”.– CRC Press (Taylor & Francis Group), Boca Raton – New York – London, 2008, 420 pp.
5. “Digital Protective Relays: Problems and Solutions”. - CRC Press (Taylor & Francis Group), Boca Raton – New York – London, 2010, 404p.
6. Electric Relays. Construtions, Principles and Applications. Desk Book for Engineers" - Solon-Press, Moskow, 2011, 688 p. (Rus.).
7. “Microprocessor-based Protection Relays. Construction, Problems, Perspectives" - Infra-Engineering, Moskow, 2011, 336 p. (Rus.).
8. “Power Supply Devices and Systems of Relay Protection" - Infra-Engineering, Moskow, 2012, 288 p. (Rus.).
9. "Power Supply Devices and Systems of Relay Protection" - CRC Press (Taylor & Francis Group), Boca Raton – New York – London, 2013, 264 p. (Engl.).
10. "Vulnerabilities of Digital Protective relays. Problems and Solutions" - Infra-Engineering, Moskow, 2014, 256 p. (Rus).
11. "Problems of Standartization in Relay Protection" - DEAN, S.-Petersburg, 2014, 152 p. (Rus).
12. "Cyber and Electromagnetic Threats in Modern Relay Protection" - CRC Press (Taylor & Francis Group), Boca Raton – New York – London, 2014, 222 p. (Engl).
13. “Protection of Substation Equipment against EMP” - Infra-Engineering, Moskow, 2016, 302 p. (Rus).
14. “Protection of Substation Critical Equipment Against Intentional Electromagnetic Threats” – United Kingdom, Wiley, 2017, 228 p. (Engl).