

Biography of Viktor Ivanovich Klassen, Dr. of Engineering Sciences, professor

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1. Personal information

Name: Viktor Ivanovich Klassen

Year and place of birth: 1950, the Orenburg Region, Russia

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2. Education

MIPT (year of graduation: 1973, Department of Radiotechnics and Cybernetics)

Graduate studies: MIPT (year of graduation: 1976, Department of Radiotechnics and Cybernetics)

Doctoral studies: MIPT (year of graduation: 1986, Department of Radiotechnics and Cybernetics)

3. Work experience

In 1976–1986 worked at A.A. Raspletin Radiophysics Research Institute (Moscow). Subsequently held the positions of senior research assistant, head of a sector, head of a research unit, while simultaneously teaching at the Department of Applied Electrodynamics of MIPT.

From 1986 to the present, General Director of Radio Company Vector, JSC.

In 1976, defended his PhD dissertation.

In 1986, defended his doctoral dissertation.

Since 1986, Department Chair at the Vostok branch of A.N. Tupolev Kazan State Technical University.

From 1978 to the present, Lecturer on theory and technics of antennas.

From 2012 to the present, Deputy Chair of the Main Department of Radiophysics and Technical Cybernetics at MPIT.

From 1986 to the present, was the head of several dozen research and development projects.

From 1992 to 2012, was often invited to the US, Germany and Belgium as an expert in satellite, mobile, and phone communications.

From 1978 to 2017, spoke at more than 60 conferences, symposiums and workshops.

4. **Professional interests**

Theory and technics of antennas, satellite communications, GLONASS, security systems

5. **Knowledge of foreign languages**

English

German

6. **Trainings**

Theory and technics of antennas, geometrical optics and geometric theory of diffraction

7. **List of publications**

A total of 122 publications from 1973 to 2017, including:

Publications in English

- Konstantin Igudesman, Roman Lavrenov, Victor Klassen.. Novel approach to calculation of box dimension of fractal function// Journal Applied Mathematical Sciences, 2014, Vol. 8, no. 144, September, 2014, HIKARI Ltd., P.7175-7181.

- V.I. Klassen, I.A. Prosvirkin, B.A. Levitan, S.A.Topchiev. Development of hardware and software complex for measurement of direction patterns of large aperture antennas with the use of unmanned aerial vehicle and GLONASS system// Proceedings of the 2016 International Conference on Engineering and Telecommunication /EnT-2016 ISBN 978-1-5090-4553-2/16 IEEE. P. 80-85.

Publications in Russian

- S.N. Garichev, V.I. Klassen, Yu.N. Chekushkin. MIPT Integrated Center for Information and Telecommunications Technology, Mathematical Modeling, and High-Performance Computations // scientific and technical conference in Cyprus, 2013. Research and Innovation for the Environment International Symposium 2013.

- V.I. Klassen, B.A. Levitan, S.A. Topchiev, I.A. Prosvirkin. Measurement of Radiation Parameters of Large Aperture Phased-Array Antennas with the Use of Air Drones // Radio Detection and Ranging, and Communications magazine, No. 17 (185), 2014, Radiotekhnika publishing house, pp. 16–24.

- N.G. Andrianov, V.I. Klassen, A.E. Kolessa, A.V. Maltsev, M.Ya. Natenzon, A.A. Safin, A.G. Chuchalin. Information and Measurement System for Automated Detection of Chest Cavity Organ Diseases on the Basis of Mobile Photofluorographic System // Engineering &

Telecommunications — En&T 2016 III International Conference, November 29–30, 2016. Moscow/Dolgoprudny MIPT 2016, Report extracts, pp. 189–195.

- D.A. Vedenkin, V.I. Klassen, Yu.E. Sedelnikov. Control of parameters of large aperture phased-array antennas by way of fly-over with the use of virtual focused aperture principle // Non-linear World magazine, No. 1, Vol. 15, 2017, Radiotekhnika publishing house, pp. 32–36.

- V.I. Klassen, B.A. Levitan, I.A. Prosvirkin, S.A. Topchiev. A way to measure antenna direction parameters with the use of unmanned aerial vehicle by way of fly-over // Patent for invention No. 2626561. Issued by the Federal Service for Intellectual Property.