

Alexander P. Anyutin
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	Author-ID	Publications	Citations	h-index
Web of Science Researcher-ID		72	314	10
SCOPUS	5588597660	80	331	10
RSCI	138380	128	925	13

Professor, research interests: asymptotic theory of diffraction and wave propagation. Scientific Secretary of the All-Russian Seminar “Mathematical Modeling of Wave Processes”, has more than thirty years of experience in scientific and pedagogical activity, is widely known in Russia and abroad for his scientific works in the field of asymptotic theory of diffraction and wave propagation. Author of over 250 publications. Creator of the method of Space-Time Geometric Theory of Diffraction (SPTD) and its uniform modifications, non-stationary interferometry, which made it possible to interpret, predict and calculate distortions of complex radio signals and video signals in inhomogeneous dispersive media.

Co-author of two methods - the Modified Discrete Sources Method (MMDS) and the Advanced Boundary Conditions Method (MPGU), which made it possible to significantly advance the rigorous methods for solving boundary problems of diffraction into the quasi-optical frequency range. His works were repeatedly included in the list of the most important scientific achievements of the Council on the complex problem "Wave propagation" of the Academy of Sciences of the USSR and Russia.

He is a member of the program and organizing committees of international and national conferences and symposia: WSEAS International Conference on APPLIED MATHEMATICS and COMPUTER SCIENCE (Brazil), WSEAS International Conference on SYSTEMS SCIENCE and ENGINEERING (Brazil), WSEAS International Conference on POWER ENGINEERING SYSTEMS (Brazil): All-Russian Scientific the conference "Propagation of Radio Waves", as well as the co-chairman of the section "Numerical Methods of Applied Mathematics" of the international symposium Matematicos Aplicados a las Ciencias, Costa Rica and the section "Mathematical Modeling of Wave Processes" of the All-Russian Conference "Propagation of Radio Waves".