



Alexander Tikhonravov (モスクワ大学リサーチコンピュータセンター理事および理論物理教授)

1973 年モスクワ大学 PhD、1986 年同大学の物理、数学特別博士号。

1980 代 Needle 法による最適化の手法を提案、OptiLayer ソフト開発者のひとり。光学薄膜理論に関する発表論文は 300 編を超える。現在同大学理論物理学教授兼コンピュータセンターディレクタ。ドイツ、イギリスなどの研究機関と精力的に共同研究を行っている。著書に「Basics of Optics of Multilayer Systems」がある。

Education, degrees:

1970 MS. Degree Physics Faculty of Moscow State University,

1973 Ph.D. Degree in Mathematical and Theoretical Physics Moscow State University:
“Synthesis of optical coatings”

1986 Doctor of Science Degree in Mathematical and Theoretical Physics, Moscow State University
“Mathematical methods of the analysis and synthesis of laminar media”.

Experience in education:

2002-2003: Course “Multilayer optical coatings” for the students of the Physics Faculty of MSU

1981-1992: Several basic courses of mathematics for the students of the Physics Faculty of MSU

1971-1981: practical classes in mathematics for the students of the Physics Faculty of MSU

1996-2007: lecture courses at 11 European and 5 North American workshops on “Advanced topics in thin film optics”

1995, 1998, 2001, 2004, 2007: Short courses at Optical Interference Coating meetings organized by OSA

Specialization:

- (1) Thin film optics
- (2) Applied and computational mathematics
- (3) Inverse problems in electrodynamics and acoustics

Memberships in committees:

Chief-editor of the journal “Computational Methods and Programming” ISSN 0507-5386

Member of the Scientific Council of MSU

Head of the Scientific Council of the Research Computer Center of MSU

Head of the Council for awarding PhD degrees at the Research Computing Center of MSU