

CURRICULUM VITAE

MAURO NACINOVICH

Born in Ravenna, Italy, on August 5th, 1949.

Classical high school diploma in 1967.

Undergraduate Mathematics student fellowship at the Scuola Normale Superiore di Pisa 1967-1971.

Graduation in Matematica con 110/110 e Lode il 15 luglio 1971, discussing a thesis on "Monotone and pseudo-monotone operators" under the supervision of Prof. G. Stampacchia.

Graduate student in Mathematics at the Scuola Normale Superiore di Pisa with a national fellowship, under the supervision of Prof. G. Stampacchia, 1971-1973.

Qualified as eligible for a position of Assistant professor in Mathematical Analysis in a competitive entrance examination at the University of Lecce in the fall 1972.

Appointed Assistant professor at the chair of Mathematica Analysis of the University of Pisa of Prof. Sergio Campanato on June 1973.

I kept this position up to February 1981, when I was appointed Full Professor of Geometry at the University of Pisa.

Instructor at the Oregon State University (Corvallis, Oregon, USA) in the a.y.'s 1973-74 e 1975-76.

Appointed Professor of Mathematica Analysis I for Computer Sciences at the University of Pisa in the a.y. 1974-75.

Appointed Professor of Mathematics I for Industrial Chemistry from a.y. 1976-77 to the a.y. 1983-84.

Chercheur at the I.R.M.A. of Strasbourg (France) in the spring semester 1976-77.

Appointed professor of different courses of Mathematical Analysis and Geometry at the S.I.S.S.A. of Trieste (Italy) in the a.y.'s 1977-78, 1978-79, 1979-80.

Qualified as eligible to a position of Full Professor of Geometry in an Italian national contest in 1980.

Appointed Full Professor of Geometry at the degree course of Mathematics of the Science Faculty of the University of Pisa on November 1st, 1980.

Visiting Professor at the Ruhr Universität of Bochum (Germany) in the Spring semester of the a.y. 1981-82.

Appointed Professor at the University of Somalia in Mogadiscio in the fall semester of the a.y. 1989-90.

Chair Municipale at the Institut Fourier of Grenoble (France) in the Spring semester 1991-92 and the fall semester 1992-93.

Visiting professor at the State University of New York in Stony Brook in the fall semester 1997-98.

Visiting professor at the University of Potsdam (Germany) on February 1998.

Visiting professor at the Ruhr Universität of Bochum (Germany) in the Spring semester 1997-98.

Visiting professor at the University of Bordeaux (France) in March 1999 and April 2001.

From the a.y. 2001-02 I moved from the University of Pisa to the University of Rome "Tor Vergata", where I am full professor of Geometry, teaching courses on different subjects.

I participated to different conferences in Italy, France, Germany, Poland, contributing some times as a speaker and also some times as an organizer.

My research interests have been on:

Nonlinear Analysis and calculus of variations (early work with G.Stampacchia and more recent work with R.Schianchi);

Complexes of partial differential operators (Hilbert resolutions, Poincaré lemma, C^∞ and analytic convexity, regularity) with A.Andreotti 1973-80 and later on with other collaborators and students;

Complex Analysis, with special interest for the tangential Cauchy-Riemann complexes, starting from 1979 and developing on the '80's an original technique to attach the Poincaré lemma, that have been further developed to solve various problems, with different collaborators and in particular with C.D.Hill;

more recently I introduced, with C.D.Hill, a weak notion of local pseudo-convexity for CR manifolds that had interesting applications to the study of meromorphic CR functions, and, with the collaboration of E.Porten, to the problem of the holomorphic extension of CR functions;

Complex geometry, in particular the study of the automorphism groups of CR manifolds, using Lie theory. This research started in 1993, and was pursued with the collaboration of C.Medori and A.Altomani. This lead to the introduction of the CR -algebras, which proved to be an essential tool in the study of classes of homogeneous CR manifolds.

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