

# Prof. Renato Spigler

## Professor of Mathematics (Full Professor of Numerical Analysis)



*Renato Spigler,  
Department of Mathematics and Physics  
"Roma Tre" University  
1, Largo San Leonardo Murialdo  
00146 Rome, ITALY*

(39) 06-5733.8211

<mailto:spigler@mat.uniroma3.it>

- **Curriculum Vitae:** [pdf](#) [ps](#)
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- **Graduated Students:** [pdf](#) [ps](#)

**Education:** Degree in Electronic Engineering, University of Padova, Padua, Italy (Communication Engineering), 1972.

**Career:** 1972--1978: Fellowship and Contract from the Italian Ministry of Education; 1978--1985: Assistant of "Mathematical Methods for Engineering"; 1985--1994: Associate Professor of "Mathematical Analysis" and of "Mathematical Methods for Engineering", as Faculty member in the School of Engineering, University of Padova, Padua, Italy.

1994--1996: Full Professor of "Institutions of Mathematics/Numerical Analysis", at the University of Lecce, Italy.  
1996-present: Full Professor of "Mathematical Analysis", School of Engineering, University "Roma Tre", Rome, Italy.

**Visiting Positions:** "Honorary Fellow", University of Wisconsin-Madison, Wisconsin, U.S.A. (1980-1981); "Visiting Member" and "Associate Research Scientist", Courant Institute of Mathematical Sciences, New York University, New York, U.S.A. (1981-1982, 1983-1985); "Fulbright Scholar" at the New York University (1983--1985).

Invited at the York University, Downsview, Canada (August 1987); invited at the Rourke University, at the Indian Institute of Technology in Delhi and Bombay, at the Indian Institute of Sciences, in Bangalore, India (February--March 1988); "Research Scholar", Duke University, Durham, North Carolina, U.S.A. (August--September 1995); Fellowship from Catalunya, at the University Rovira i Virgili, Tarragona, Spain (2007).

**Scientific Interests:** -- Ordinary, Parabolic, and Stochastic Differential Equations, and their numerical treatment.  
-- Asymptotic Methods.  
-- Difference Equations.  
-- Applied and Computational Mathematics.

**Teaching Activities:** "Mathematical Analysis I and II"; "Calculus 1 and 2".  
"Mathematical Methods for Engineering".

"Numerical Analysis"; "Numerical Analysis and Programming".  
"Institutions of Mathematics".  
"Differential Equations".  
"Mathematical Analysis for Applications".  
"Applied and Industrial Mathematics".  
"Discrete Probability"; "Probability and Statistics".  
"Numerical Methods for Engineering"

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