

Keijo Ruotsalainen

Professor, mathematics, University of Oulu

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Summary

I have been mainly interested in computational methods for PDEs, mainly the boundary element methods, but also other techniques are also familiar. While working few years for Nokia Mobile Phones, I became interested in the problems related to wireless communications and signal processing.

Credentials

PhD, mathematics, University of Jyväskylä 1987

Experience

Professor, University of Oulu, Finland 2002-present

Senior Specialist, Nokia Mobile Phones, Finland 1999-2002

Senior Lecturer, University of Oulu, 1987-2002

Assistant professor, University of Oulu, 1984-1987

Teaching assistant, University of Jyväskylä 1982-1984

Education

Master of Science, University of Jyväskylä 1979-1983

DAAD-fellow 1984-1987 (Technische Hochschule Darmstadt and University of Stuttgart, Germany)

Research interests

Numerical analysis, Scientific computation

Partial differential equations, integral equations

Spectral problems of waveguides

Mathematical signal processing and data analysis