

# CURRICULUM VITAE

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*Name:* Daniel-Costin BELTIȚĂ

*Citizenship:* Romanian

*Email:* Daniel.Beltita@imar.ro, beltita@gmail.com

*Homepage:* <https://sites.google.com/site/danielbeltita/>

*Affiliation:* Institute of Mathematics “Simion Stoilow” of the Romanian Academy  
P.O. Box 1-764  
Bucharest, Romania

### Education

- 2010: right to supervise PhD theses in Mathematics in Romania
- 1997–2004: Ph.D. Programme in Mathematics/Mathematical Analysis at the Univ. of Bucharest, with the Ph.D. thesis *Spectral Theory for Lie Algebra Representations* (supervisor Prof. Dr. I. Colojoară)
- 1995–1996: M.S. in Real and Complex Analysis at the University of Bucharest;
- 1990–1995: Faculty of Mathematics, University of Bucharest

### Employment

- 2008–today: scientific researcher I, Institute of Mathematics of the Romanian Academy.
- 2006–2008: scientific researcher II, Institute of Mathematics of the Romanian Academy.
- 2001–2006: scientific researcher III, Institute of Mathematics of the Romanian Academy.
- 2000–2001: scientific researcher, Institute of Mathematics of the Romanian Academy.
- 1996–2000: research assistant, Institute of Mathematics of the Romanian Academy;

### Research interests

- Functional analysis and the theory of operator algebras
- Harmonic analysis on homogeneous spaces
- Representation theory for infinite-dimensional Lie groups

### Visiting positions and research visits

See <https://sites.google.com/site/danielbeltita/curriculum-vitae>

### Participation in professional meetings

See <https://sites.google.com/site/danielbeltita/invited-talks-seminars-conferences>

### Languages:

English, French, German, Spanish (read), Russian (read)

## Publications

- Books:
  - (1) D. Belțiță, M. Şabac, *Lie Algebras of Bounded Operators*, Operator Theory: Advances and Applications, vol. 120, Birkhäuser Verlag, Basel-Boston-Berlin, 2001. viii+219 pp.
  - (2) D. Belțiță, *Smooth Homogeneous Structures in Operator Theory*, Monographs and Surveys in Pure and Applied Mathematics, vol. 137, Chapman & Hall/CRC Press, Boca Raton-London-New York-Singapore, 2006. xvi+302 pp.
- 70 published papers and 5 preprints
- Books translated into Romanian:
  - (1) R.A. Horn, Ch.R. Johnson, *Analiza Matricială*, Texte Matematice Esențiale, vol. 2, Theta Publishing House, Bucharest, 2001. xiv + 466 pp. (Translation by I. Belțiță, D. Belțiță, and R.-N. Gologan.) (The original book *Matrix Analysis* was published by Cambridge University Press.)
  - (2) R. Tyrrell Rockafellar, *Analiză Convexă*, Texte Matematice Esențiale, vol. 4, Theta Publishing House, Bucharest, 2002. xviii + 370 pp. (Translation by I. Belțiță and D. Belțiță.) (The original book *Convex Analysis* was published by Princeton University Press.)

## Other scientific activities

- Reviews for MathSciNet - Mathematical Reviews, Zentralblatt für Mathematik, SIAM Review, Journal of Operator Theory, and Revue Roumaine des Mathématiques Pures et Appliquées.

## Prize

Prize “Simion Stoilow” of the Romanian Academy for collaborative work, 2001.