

## Curriculum Vitae of **José Bonet Solves** (15/09/2020)

### Personal Data

Born in Valencia, Spain, June 18 of 1955. Full Professor (Catedrático de Universidad) in the Department of Applied Mathematics since 1987, and Director of the Instituto Universitario de Matemática Pura y Aplicada IUMPA-UPV of the Universidad Politécnica de Valencia, Spain between January 2004 and December 2016. Specialist in functional analysis, operator theory and their applications to complex analysis and linear partial differential equations.

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### Academic Record

Graduate in Mathematics, University of Valencia, 1977. Primer Premio Nacional de Terminación de Estudios en Matemáticas (First National Prize in Mathematics) of the Ministerio de Educación y Ciencia en 1977. Premio Extraordinario de Licenciatura (Prize for the Graduation) in Mathematics, 12/1978, of the University of Valencia.

Doctor in Mathematics, University of Valencia, 1980. Premio Extraordinario de Doctorado (Prize for the Doctor Thesis) in Mathematics, 9/1980, of the University of Valencia.

Assistant in the University of Valencia, 1977-1983. Associate Professor in the Universidad Politécnica de Valencia, 1983-1987. Full Professor (Catedrático de Universidad), Departamento de Matemática Aplicada, Universidad Politécnica de Valencia since 1987 till now.

Visiting Professor, University of Paderborn (Germany) in 1989 and 2002. Alexander von Humboldt fellow in Düsseldorf, Paderborn and Eichstaett (Germany) in 1994-95, 1998, 2002, 2008, 2013 and 2016-17. Stays of several months at the Universities of Liège, Belgium, 1985, Paderborn, Germany, 1983, Düsseldorf, Germany, 1986-87, Michigan, Ann Arbor, US, 1993, Reading, England, 2003, Poznan, Poland, 2003, Helsinki, Finland, 2006.

Corresponding member of the Société Royale des Sciences de Liège (Belgica) since 1992. Member of the International Advisory Board of the Institute of Mathematics of the Czech Academy of Science.

Full member (medal number 4) of the Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid since June 2005. Entrance lecture presented on April 23, 2008.

Medal (Prize) of the Real Sociedad Matemática Española (Royal Spanish Mathematical Society) RSME 2016.

### Publications

Coauthor of the book "Barrelled Locally Convex Spaces" published by North-Holland in 1987. Co-editor of the books "Progress in Functional Analysis" and "Recent Progress in Functional Analysis", in North-Holland 1992 and 2002 respectively, and "Topics in Complex Analysis and Operator Theory" in Contemporary Mathematics 561, Amer. Math. Soc. 2012.

More than 220 research papers published since 1980 in journals like Advances in Mathematics, Israel Journal of Mathematics, Journal of Functional Analysis, Journal of Mathematical Analysis and Applications, Journal of the London Mathematical Society, Mathematische Nachrichten, Mathematical Proceedings of

the Cambridge Philosophical Society, Mathematische Zeitschrift, Monatshefte für Mathematik, Proceedings of the American Mathematical Society, Proceedings of the Edinburgh Mathematical Society, Studia Mathematica and Transactions of the American Mathematical Society. Here is a sample of recent papers:

1. J. Bonet, P. Domański, The splitting of exact sequences of PLS-spaces and smooth dependence of solutions of linear partial differential equations. *Advances Math.* 217 (2008), 561–585.
2. J. Bonet, Dynamics of the differentiation operator on weighted spaces of entire functions, *Math. Z.* 261 (2009), 649-657.
3. J. Bonet, L. Frerick, E. Jordá, The division problem for tempered distributions of one variable, *J. Funct. Anal.* 262 (2012), 2349-2358.
4. J. Bonet, Abscissas of weak convergence of vector valued Dirichlet series, *J. Funct. Anal.* 269 (2015), 3914-3927.
5. J. Bonet, W. Lusky, J. Taskinen, On the boundedness and compactness of Toeplitz operators in weighted  $H^\infty$ -spaces, *J. Funct. Anal.* 278 (2020), 108456.

The articles of José Bonet have 2139 citations in the database ISI Web of Science and an h-index of 24. In Scopus there are 2073 citations in 997 documents, with h-index 23. He has 2401 citations by 619 authors in the database of MathSciNet (Mathematical Reviews) as on September, 15, 2020. The complete list of articles can be seen in Mathematical Reviews AMS (MathSciNet) or Zentralblatt für Mathematik.

### Research Projects

Main researcher of projects supported by the Ministerio de Educación (central Government of Spain) since 1988, several projects from the Generalitat Valenciana, Government of Valencia, 5 Acciones Integradas Hispano-Alemanas, integrated actions between Germany and Spain, and one Acción Integrada Hispano-Italiana between Italy and Spain. Main researcher of the projects of excellence in research PROMETEO/2008/101, PROMETEO II/2013/013 and PROMETEO/2017/102 of the Generalitat Valenciana since 2008.

### Direction of Research

Advisor of 15 PhD. Thesis in the University of Valencia (3), the University of Badajoz (1), the Universidad Politécnica de Valencia (9) and the University of Paderborn, Germany (2).

Member of PhD Thesis committees in several Universities in Spain and Vienna (Austria), Liège, Gent (Belgium), Kenitra (Morocco), Utrecht (Netherlands), Eichstaett, Paderborn and Trier (Germany), Helsinki, Oulu (Finland), University of Manitoba (Canada).

### Congresses and Lectures

Main speaker in more than 90 international meetings on functional analysis and operator theory in Oberwolfach, Trier (Alemania); Kent (Ohio), New York (USA), Liège (Bélgica); Helsinki, Joensuu (Finlandia), Cortona, Ferrara, Torino (Italy), Bedlewo (Polonia), Athens (Greece), among others. Organizer of several international meetings since 1990. Short visits and lectures at several Universities in Belgium, England, Finland, Germany, Italy, Poland and the United States,

### Editor and Referee

Editor of the journals RACSAM ISSN 1578-7303, Journal of Mathematical Analysis and Applications ISSN 0022-247X, Functiones et Approximatio, Commentarii Mathematici ISSN 0208-6573, Mediterranean Journal of Mathematics ISSN 1660-5446 and Banach Journal of Mathematical Analysis ISSN 2662-2033. Referee of many research mathematical journals. Reviewer of Mathematical Review since 1985 and Zentralblatt für Mathematik since 2000.