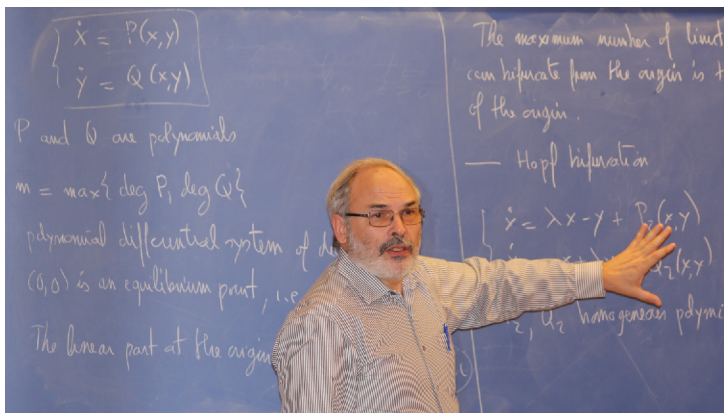


Jaume's Glossary



Jaume Llibre obtained his degree in Mathematics at the Universitat de Barcelona in 1974 and earned his Ph.D. in Mathematics in 1979 at the Universitat Autònoma de Barcelona. At the age of 33 he got a full professor position at the Universitat Autònoma de Barcelona. Jaume's extensive, constant, and valuable mathematical activity includes, among others, the supervision of twenty-seven Ph.D. theses, five books, more than five-hundred research papers, and two-hundred coauthors from twenty-five countries.

Jaume's significant contributions to Dynamical Systems started in the field of Celestial Mechanics in the late 70's, through a series of works on the final motion in the restricted three body problem. Central configurations and periodic orbits have been other topics of his interest.

Due to his versatility, his contributions have covered from the very beginning a very wide range of subjects in Dynamical Systems.

In the field of Discrete Dynamical Systems he has extended Sharkovskii's Theorem and contributed to the study of the periodic structure to other spaces, including the implications concerning topological entropy and the combinatorial dynamics.

About the integrability of differential equations he has refined and generalized Darboux's classical results and related them to the centre problem.

He also has been constantly interested in limit cycles and the Qualitative Theory of Differential Equations, specially in the 16th Hilbert's Problem. For this study he has used averaging and bifurcation theories as tools, while contributing to them. Lately, he has extended the study to piecewise differential equations.



We thank Jaume for making his trip a launching port for many others.