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**Título:** Recent Trends In Orthogonal Polynomials And Approximation Theory

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**Sinopsis**

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This volume contains invited lectures and selected contributions from the International Workshop on Orthogonal Polynomials and Approximation Theory, held at Universidad Carlos III de Madrid on September 8-12, 2008, and which honored Guillermo López Lagomasino on his 60th birthday.

This book presents the state of the art in the theory of Orthogonal Polynomials and Rational Approximation with a special emphasis on their applications in random matrices, integrable systems, and numerical quadrature. New results and methods are presented in the papers as well as a careful choice of open problems, which can foster interest in research in these mathematical areas. This volume also includes a brief account of the scientific contributions by Guillermo López Lagomasino.

Readership

Graduate students and research mathematicians interested in orthogonal polynomials, approximation theory, and their applications.

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