

Exceptional orthogonal polynomials from the semi-classical point of view

01.16

Roberto S. Costas Santos

(Universidad de Alcalá, Madrid, Spain)

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Abstract: In this talk we briefly discuss these the different types of Laguerre and Jacobi exceptional polynomials and obtain some algebraic properties for these families by using certain first order differential operators. We connect these families with certain semiclassical orthogonal polynomials. This is joint work with Jessica Stewart Kelly.