

1. Record Nr.	UNINA9910788889803321
Autore	Askey Richard
Titolo	Some basic hypergeometric orthogonal polynomials that generalize Jacobi polynomials / / Richard Askey and James Wilson
Pubbl/distr/stampa	Providence, Rhode Island, United States : , : American Mathematical Society, , 1985 ©1985
ISBN	1-4704-0732-9
Descrizione fisica	1 online resource (63 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 54, Number 319
Disciplina	515/.55
Soggetti	Orthogonal polynomials Jacobi polynomials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"March 1985, Volume 54, Number 319 (first of 6 numbers)"--Cover.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Table of Contents""; ""1. Introduction""; ""Recurrence relation""; ""2. The orthogonality relation""; ""A q -beta integral""; ""The absolute continuous orthogonality""; ""3. A quadratic transformation""; ""4. Some interesting special cases""; ""Continuous q -ultraspherical polynomials""; ""Continuous q -Jacobi polynomials""; ""Continuous q -Laguerre polynomials""; ""Ala ϵ -Salama ϵ -Chihara polynomials""; ""Generalized Tchebycheff polynomials""; ""Continuous q -symmetric Hahn polynomials""; "" q -Meixner ϵ -Pollaczek polynomials""; ""5. Divided difference operators"" ""Second order difference equation""""Rodrigues type formula""; ""6. Connection coefficients""; ""7. Zeros and inequalities""; ""8. Remarks""; ""Appendix""; ""References""