

1. Record Nr.	UNINA9910788786903321
Autore	Cholewinski Frank M.
Titolo	The finite calculus associated with Bessel functions // Frank M. Cholewinski
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1988] ©1988
ISBN	0-8218-7664-3
Descrizione fisica	1 online resource (136 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 75 , 0271-4132
Disciplina	515/.53
Soggetti	Bessel functions Calculus
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- 1. Introduction -- 2. Definitions and Preliminary Results -- 3. The $\nu$ -Umbral Algebra -- 4. The $\nu$ -Umbral Field -- 5. The Group of $\nu$ -Delta Functionals Under Composition -- 6. Generalized Binomial Polynomial Sequences -- 7. The Composition of Polynomial Sequences -- 8. Compositions of Molebius Delta Functionals -- 9. Generalized Shift Invariant Operators -- 10. The Generalized Derivative of $\nu$ -Shift Invariant Operators -- 11. Generalized Sheffer Polynomials -- 12. Cross Sets of Polynomials -- 13. A Class of Laguerre Type Polynomials -- 14. The Generalized Heat Polynomials -- 15. A Primitive Integral for the Euler Operator -- 16. Bernoulli Type Polynomials and Numbers -- 17. Generalized Euler Polynomials and Numbers -- 18. Generalized Stirling Numbers and Factor Polynomials -- Bibliography.