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Autore	Eie Minking <1952->
Titolo	Theory of multiple Zeta values with applications in combinatorics [[electronic resource] /] / Minking Eie
Pubbl/distr/stampa	Hackensack, NJ, : World Scientific Pub., c2013
ISBN	981-4472-64-6
Descrizione fisica	1 online resource (313 p.)
Collana	Monographs in number theory ; ; v.7
Disciplina	510 512.73 515.56
Soggetti	Functions, Zeta Algebraic functions Electronic books.
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 and index.
Nota di contenuto	Preface; Contents; I Basic Theory of Multiple Zeta Values; 0 The Time Before Multiple Zeta Values; 0.1 The Evaluation of Euler Double Sums; 0.2 Vandermonde Convolution; 0.3 Zeta Functions Associated with Multiple Zeta Values; 0.4 Messages from Modular Forms; 1 Introduction to the Theory of Multiple Zeta Values; 1.1 Introduction and Notations; 1.2 Drinfeld Integral Representations of Multiple Zeta Values; 1.3 Double Weighted Sum Formulas; 1.4 The Expectations of Binomial Distributions; 1.5 Exercises; 2 The Sum Formula; 2.1 Through the Integral Representations 2.2 Another Proof of the Sum Formula2.3 Evaluation of Multiple Zeta Values of Height One; 2.4 Exercises; II Shuffle Relations among Multiple Zeta Values; 3 Some Shuffle Relations; 3.1 Shuffle Relations of Multiple Zeta Values; 3.2 An Application of Double Weighted Sums; 3.3 Shuffle Relations of Two Sums of Multiple Zeta Values; 3.4 A Vector Version of the Restricted Sum Formula; 3.5 Exercises; 4 Euler Decomposition Theorem; 4.1 A Shuffle Relation with Two Parameters; 4.2 Integrals with Three Factors; 4.3 Generalizations of Euler Decomposition Theorem 4.4 Applications of the Decomposition Theorem4.5 Applications of

Another Decomposition Theorem; 4.6 Exercises; 5 Multiple Zeta Values of Height Two; 5.1 Sums of Multiple Zeta Values of Height Two; 5.2 Weighted Sums of Multiple Zeta Values of Height Two; 5.3 The Shuffle Product Formula of a Sum and Others; 5.4 Exercises; III Applications of Shuffle Relations in Combinatorics; 6 Generalizations of Pascal Identity; 6.1 Applications of Shuffle Products in Combinatorics; 6.2 Hypergeometric Distribution; 6.3 The Generating Function of Three Variables; 6.4 Exercises

7 Combinatorial Identities of Convolution Type 7.1 Some Particular Combinatorial Identities; 7.2 A Generating Function for Products; 7.3 A Combinatorial Identity of Convolution Type; 7.4 Another Generating Function of Three Variables; 7.5 Exercises; 8 Vector Versions of Some Combinatorial Identities; 8.1 The Shuffle Product of Two Sums; 8.2 More Combinatorial Identities of Convolution Type; 8.3 Vector Versions of Pascal Identity; 8.4 Problems on Combinatorial Identity; Appendices; A Singular Modular Forms on the Exceptional Domain; A.1 Cayley Numbers and Integral Cayley Numbers

A.2 The Exceptional Domain A.3 The Theory of Jacobi Forms; A.4 A Final Application; Appendix (i): Jacobi Forms over Cayley Numbers; Appendix (ii): Basic Properties of a Set of Theta Series; B Shuffle Product Formulas of Multiple Zeta Values; B.1 Introduction; B.2 The Shuffle Product Formula of Two Multiple Zeta Values; B.3 Some Basic Shuffle Relations; B.4 Shuffle Relations of Two Sums of Multiple Zeta Values; B.5 The Generating Function of Height One; Appendix (i): Double Weighted Sum Formulas; Appendix (ii): Evaluations of Some Particular Integrals

C The Sum Formula and Their Generalizations

Sommario/riassunto

This is the first book on the theory of multiple zeta values since its birth around 1994. Readers will find that the shuffle products of multiple zeta values are applied to complicated counting problems in combinatorics, producing numerous interesting identities that are ready to be used. This will provide a powerful tool to deal with problems in multiple zeta values, both in evaluations and shuffle relations. The volume will benefit graduate students doing research in number theory.

2.	Record Nr.	UNINA9910619479403321
	Autore	Oktar Salim Ates
	Titolo	34. International Public Finance Conference
	Pubbl/distr/stampa	Istanbul, Turkiye : , : Istanbul University Press, , 2019 ©2019
	Edizione	[1st ed.]
	Descrizione fisica	1 electronic resource (619 p.)
	Altri autori (Persone)	TaskinYasemin
	Soggetti	Economics, finance, business & management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9910735778303321
	Autore	Harmes Marcus K
	Titolo	Academia and Higher Learning in Popular Culture // edited by Marcus K. Harmes, Richard Scully
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2023
	ISBN	9783031323508 3031323505
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (278 pages)
	Collana	Palgrave Studies in Science and Popular Culture, , 2731-4367
	Altri autori (Persone)	ScullyRichard
	Disciplina	306.43
	Soggetti	Motion pictures Television broadcasting Education, Higher Film and Television Studies Higher Education
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

1. Unseen Universities and Seen Academics – An Introduction: Marcus Harmes and Richard Scully -- 2 Absurdism and Entanglement as an Academic Parallel in Terry Pratchett's "Unseen University" : Victoria Hawco -- 3 A Well-Rounded Dick? Academia in 3rd Rock from the Sun: Melissa Beattie -- 4 "I'm a doctor of many things": Tracking the Doctor's Relationship to Traditional Pedagogic Models of Knowledge Creation across Doctor Who: Catriona Mills -- 5 "Do what you like with him": Sherlock Holmes' academic training and how it changed over time: Jochem Kotthaus -- 6 Women in the Ivory Tower: Historical Memory and the Heroic Educator in Mona Lisa Smile (2003): Ana Stevenson -- 7 Gods and Monsters in the Ruined University: Filmic Teachers and their Moral Pedagogies from The Faculty to Higher Learning: Susan Hopkins -- 8 A Different Sort of Monster: Science Fiction Casts a Spotlight on the Problematic Power Dynamics of Graduate Programs: Kristine Larsen -- 9 Dystopian Higher Education: A Neoliberal Legacy: Stacy W. Maddern -- 10 Dark Comedies/Dark Universities: Negotiating the Neoliberal Institution in British Satirical Comedies The History Man (1981), A Very Peculiar Practice (1986-1988) and Campus (2011) Bethan Michael-Fox and Kay Calver -- 11 A Doctor Who Academy for Dystopian Times: Robin Redmon Wright -- 12 Conclusions: Marcus Harmes and Richard Scully .

Sommario/riassunto

This edited volume focuses on the cultural production of knowledge in the academy as mediated or presented through film and television. This focus invites scrutiny of how the academy itself is viewed in popular culture from The Chair to Terry Pratchett's 'Unseen University' and Doctor Who's Time Lord Academy among others. Spanning a number of genres and key film and television series, the volume is also inherently interdisciplinary with perspectives from History, Cultural Studies, Gender Studies, STEM, and more. This collection brings together leading experts in different disciplines and from different national backgrounds. It emphasises that even at a point of mass, global participation in higher education, the academy is still largely mediated by popular culture and understood through the tropes perpetuated via a multimedia landscape. Dr Richard Scully, BA (Hons), PhD (Monash), FRHistS is Associate Professor in Modern History at the University of New England, Australia. His research focuses on the history of cartoons, caricature, and graphic satire. He has co-edited four collections of essays, including two volumes on Australia's migrant and minority press for Palgrave Macmillan. Professor Marcus Harmes is Associate Director Research at the University of Southern Queensland College, Australia, and teaches legal history in the law degree. He has published extensively in the fields of religious and political history, with a particular emphasis on British religious history and constitutional history.
