1. Record Nr. UNINA9910460935703321

Titolo	An early hautboy solo matrix : solos for the hautboy before 1710 based on a symphonia/sonata by Johann Christoph Pez that demonstrates a performance practice of adaptation / / edited and introduced by Peter Hedrick
Pubbl/distr/stampa	Newcastle upon Tyne, England : , : Cambridge Scholars Publishing, , 2015 ©2015
ISBN	1-4438-7493-0
Descrizione fisica	1 online resource (93 p.)
Disciplina	780.9032
Soggetti	Music - 17th century Music - 18th century 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.
Nota di contenuto	""TABLE OF CONTENTS""; ""ACKNOWLEDGEMENTS""; ""PART I""; ""CHAPTER ONE""; ""CHAPTER TWO""; ""CHAPTER THREE""; ""CHAPTER FOUR""; ""CHAPTER FIVE""; ""CHAPTER SIX""; ""SOURCES""; ""EDITORIAL METHODS""; ""APPENDICES ""; ""BIBLIOGRAPHY""; ""NOTES""; ""PART II ""; ""Johann Christoph Pez, Symphonia""; ""Johann Heinrich Schmelzer, Sonata Quinta""; ""Reinhard Keiser, Music in Der Beliebte Adonis""; ""Daniel Purcell, Sonata Sexta""; ""Arcangelo Corelli, Sonata, Op. 5, No. 7""; ""CRITICAL NOTES""
Sommario/riassunto	The earliest surviving hautboy solo is a Symphonia by Johann Christoph Pez from the 1690's or early 1700's. This piece survives in two versions, as a Sonata for violin and a Symphonia for hautboy, and the differences between the two enable a comparison of how Pez viewed the character and technical capabilities of each instrument. The purpose of this edition is to show how Pez's Symphonia can be used as a template to find other works that might become hautboy solos (treble/bass) from the last third or so of the seventeenth century when the instrument came into use. Thus Pez points the way

2. Record Nr. UNINA9910743362603321

Autore	Kunihiro Teiji
Titolo	Geometrical Formulation of Renormalization-Group Method as an Asymptotic Analysis : With Applications to Derivation of Causal Fluid Dynamics / / by Teiji Kunihiro, Yuta Kikuchi, Kyosuke Tsumura
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-8189-9 981-16-8188-0
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (493 pages)
Collana	Fundamental Theories of Physics, , 2365-6425 ; ; 206
Disciplina	530.133
Soggetti	Mathematical physics Nonlinear optics Mathematical Methods in Physics Theoretical, Mathematical and Computational Physics Mathematical Physics Nonlinear Optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Notion of Effective Theories in Physical Sciences -- Divergence and Secular Term in the Perturbation Series of Ordinary Differential Equations -- Traditional Resummation Methods -- Elementary Introduction of the RG method in Terms of the Notion of Envelopes -- Ei-Fujii-Kunihiro Formulation and Relation to Kuramoto's reduction scheme -- Relation to the RG Theory in Quantum Field Theory -- Resummation of the Perturbation Series in Quantum Methods -- Illustrative Examples -- Slow Dynamics Around Critical Point in Bifurcation Phenomena -- Dynamical Reduction of A Generic Non-linear Evolution Equation with Semi-simple Linear Operator -- A Generic Case when the Linear Operator Has a Jordan-cell Structure -- Dynamical Reduction of Difference Equations -- Slow Dynamics in Some Partial Differential Equations -- Some Mathematical Formulae -- Dynamical Reduction of Kinetic Equations -- Relativistic First-Order Fluid Dynamic Equation -- Doublet Scheme and its Applications -- Relativistic Causal Fluid dynamic Equation -- Numerical Analysis of

Transport Coefficients and Relaxation Times -- Reactive Multi-component Systems -- Non-relativistic Case and Application to Cold Atoms -- Summary and Future Prospects.

Sommario/riassunto

This book presents a comprehensive account of the renormalization-group (RG) method and its extension, the doublet scheme, in a geometrical point of view. It extract long timescale macroscopic/mesoscopic dynamics from microscopic equations in an intuitively understandable way rather than in a mathematically rigorous manner and introduces readers to a mathematically elementary, but useful and widely applicable technique for analyzing asymptotic solutions in mathematical models of nature. The book begins with the basic notion of the RG theory, including its connection with the separation of scales. Then it formulates the RG method as a construction method of envelopes of the naive perturbative solutions containing secular terms, and then demonstrates the formulation in various types of evolution equations. Lastly, it describes successful physical examples, such as stochastic and transport phenomena including second-order relativistic as well as nonrelativistic fluid dynamics with causality and transport phenomena in cold atoms, with extensive numerical expositions of transport coefficients and relaxation times. Requiring only an undergraduate-level understanding of physics and mathematics, the book clearly describes the notions and mathematical techniques with a wealth of examples. It is a unique and can be enlightening resource for readers who feel mystified by renormalization theory in quantum field theory.