1. Record Nr. UNINA9910437983903321

Autore	Gubler Philipp
Titolo	A Bayesian analysis of QCD sum rules / / Philipp Gubler
Pubbl/distr/stampa	Tokyo ; ; New York, : Springer, c2013
ISBN	4-431-54318-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (190 p.)
Collana	Springer theses
Disciplina	539.7548
Soggetti	Quantum chromodynamics - Mathematics Bayesian statistical decision theory
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	Introduction and Review -- Introduction -- Basic Properties of QCD -- Basics of QCD Sum Rules -- The Maximum Entropy Method -- Applications -- MEM Analysis of the Meson Sum Rule -- MEM Analysis of the Nucleon Sum Rule -- Quarkonium Spectra at finite Temperature from QCD Sum Rules and MEM.- Concluding Remarks -- Summary, Conclusion and Outlook -- Appendix.
Sommario/riassunto	The author develops a novel analysis method for QCD sum rules (QCDSR) by applying the maximum entropy method (MEM) to arrive at an analysis with less artificial assumptions than previously held. This is a first-time accomplishment in the field. In this thesis, a reformed MEM for QCDSR is formalized and is applied to the sum rules of several channels: the light-quark meson in the vector channel, the light-quark baryon channel with spin and isospin 1/2, and several quarkonium channels at both zero and finite temperatures. This novel technique of combining QCDSR with MEM is applied to the study of quarkonium in hot matter, which is an important probe of the quark-gluon plasma currently being created in heavy-ion collision experiments at RHIC and LHC.

2. Record Nr. UNINA9911026136803321

Autore	Tani Masato
Titolo	Traditional Iranian Music : Orality, Physicality and Improvisation
Pubbl/distr/stampa	Portland : , : Trans Pacific Press, , 2024 ©2024
ISBN	9781920850364 1920850368
Edizione	[1st ed.]
Descrizione fisica	1 online resource (193 pages)
Disciplina	780.955
Soggetti	Music - Iran - History and criticism Music - Iran - Analysis, appreciation Music - Performance - Iran Improvisation (Music) Dastgah
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	What is radif : Toward a Redefinition of the Word -- The Vocal Image Underlying Notation Reading -- Improvisation, Mental State and Memory -- Charkh : The Circulatory Paradigm in Performance Form and Musical Structure -- Analysis of Gushes -- Change in the Context for Learning Improvisation : The Influence of Writing on Iranian Music -- How Can Individuality be Described and Explained? -- Verbal Rhythm and Musical Rhythm -- Trial and Error on Hammered Dulcimers : Iranian and Indian Santur -- Perceiving and Understanding Through the Fingers : Toward a Comparative Study of Instrumental Somatic Sensibilities -- The Santur's New Physicality : Toward a Geopolitics on the Board of the Instrument -- What We Learn from the Radif.
Sommario/riassunto	Improvisation is a defining characteristic of traditional Iranian music. Iranian musicians describe their music as ' impossible to play in the same way twice' or ' able to be performed in many ways, ' emphasizing that they do not perform prepared compositions.What exactly do musicians play and how do they play it? How does the musician's individuality and originality come into play? What norms are acquired during the learning process that make improvisation possible? What is

the concept of "improvisation" in Iranian culture? The author, a researcher as well as a santur player, explores these various points based on field studies and personal experiences from studying and playing traditional Iranian music over many years. This auto-ethnography is an attempt to academically elucidate the senses, physicality, and mentality of musicians by engaging with the subject through first-hand participation.