

1. Record Nr.	UNINA9910760263203321
Autore	Eberhard Peter
Titolo	Calm, Smooth and Smart : Novel Approaches for Influencing Vibrations by Means of Deliberately Introduced Dissipation
Pubbl/distr/stampa	Cham : , : Springer, , 2023 ©2024
ISBN	9783031361432 3031361431
Edizione	[1st ed.]
Descrizione fisica	1 online resource (353 pages)
Collana	Lecture Notes in Applied and Computational Mechanics Series ; ; v.102
Disciplina	620.3
Soggetti	Damping (Mechanics) Engineering design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Contents -- Particle Dampers—Vibration Reduction Through Distributed Dissipation Over Complex Particle Shapes -- 1 Introduction -- 1.1 Dependencies of the PD Behaviour -- 2 Influence of Fillings -- 2.1 Influence of Liquid -- 2.2 Influence of Particle Shape -- 3 Obstacle Grids -- 4 Broadband Properties -- 4.1 Comparison with Tuned Mass Damper -- 4.2 Towards Quantifying Broadband Dissipation -- 5 Conclusion -- References -- A Study on Friction Dampers and Their Contact Geometry Design -- 1 Introduction -- 2 The Dry Friction Lock-Up Damper -- 2.1 Numerical Investigations -- 2.2 Analytical Investigations -- 3 The Prestressed Sliding Wedge Damper -- 3.1 Numerical Investigations -- 3.2 Analytical Investigations -- 4 The Friction Damper with Polynomial Contact Geometries -- 5 Experiments -- 6 Conclusions -- References -- Simulation-Based Design of Hybrid Particle Dampers with Application to Flexible Multibody Systems -- 1 Introduction -- 2 Design Toolchain -- 2.1 Level I
Sommario/riassunto	This book, edited by Peter Eberhard, presents innovative approaches to influence vibrations in engineering structures through deliberate dissipation. Originating from the Deutsche Forschungsgemeinschaft's Priority Programme SPP 1897, the work addresses the challenges of

lightweight design, which often leads to increased sensitivity to vibrations. The book aims to provide solutions that ensure technical systems operate calmly, smoothly, and intelligently by integrating new damping techniques. It targets researchers and professionals in applied and computational mechanics, offering insights into systematic investigation, mathematical modeling, and experimental validation of damping mechanisms. The ultimate goal is to enhance energy efficiency while maintaining structural integrity and operational comfort.

2. Record Nr.	UNINA9910963330103321
Titolo	Diachrony in biblical Hebrew / / edited by Cynthia L. Miller-Naude and Ziony Zevit
Pubbl/distr/stampa	Winona Lake, IN, : Eisenbrauns, 2012
ISBN	9781575066837 1575066831
Edizione	[1st ed.]
Descrizione fisica	1 online resource (545 p.)
Collana	Linguistic studies in ancient West Semitic ; ; 8
Altri autori (Persone)	MillerCynthia L <1957-> (Cynthia Lynn) ZevitZiony
Disciplina	492.45
Soggetti	Hebrew language - Grammar Linguistic change
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 indexes.
Nota di contenuto	1. The verbless clause in biblical Hebrew: linguistic approaches / edited by Cynthia L. Miller -- 2. Phonology and morphology of biblical Hebrew: an introduction / Joshua Blau -- 3. A manual of Ugaritic / Pierre Bordreuil and Dennis Pardee -- 4. Word order in the biblical Hebrew finite clause: a syntactic and pragmatic analysis of preposing / Adina Moshavi -- 5. Oath formulas in biblical Hebrew / Blane Conklin -- 6. Biblical Hebrew grammar visualized / Francis I. Andersen and A. Dean Forbes -- 7. Time and the biblical Hebrew verb: the expression of tense, aspect, and modality in biblical Hebrew / John A. Cook -- 8. Diachrony in biblical Hebrew / Cynthia L. Miller Naude and Ziony Zevit.

Diachrony in Biblical Hebrew is an indispensable publication for biblical scholars, whose interpretations of scriptures must engage the dates when texts were first composed and recorded, and for scholars of language, who will want to read these essays for the latest perspectives on the historical development of Biblical Hebrew. For Hebraists and linguists interested in the historical development of the Hebrew language, it is an essential collection of studies that address the language's development during the Iron Age (in its various subdivisions), the Neo-Babylonian and Persian periods, and the Early Hellenistic period. Written for both "text people" and "language people," this is the first book to address established Historical Linguistics theory as it applies to the study of Hebrew and to focus on the methodologies most appropriate for Biblical Hebrew and Aramaic. The book provides exemplary case studies of orthography, lexicography, morphology, syntax, language contact, dialectology, and sociolinguistics and, because of its depth of coverage, has broad implications for the linguistic dating of Biblical texts. The presentations are rounded out by useful summary histories of linguistic diachrony in Aramaic, Ugaritic, and Akkadian, the three languages related to and considered most crucial for Biblical research. --
