1. Record Nr. UNINA9910821854303321

Autore	Olson Margaret <1971->
Titolo	Listening to art song : an introduction / / Margaret Olson
Pubbl/distr/stampa	Lanham, Maryland : , : Rowman & Littlefield, , 2015 ©2015
ISBN	1-4422-3021-5 1-4422-3020-7
Descrizione fisica	1 online resource (305 p.)
Disciplina	782.42168/117 782.42168117
Soggetti	Songs - Analysis, appreciation Songs - History and criticism
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	Contents; Foreword; Acknowledgments; 1 An Introduction to Song; 2 The Development of Song; 3 The Elements of Song; 4 How to Listen to Song; 5 Italian Song; 6 German Lieder; 7 French Melodie; 8 Songs of the British Isles; 9 American Song: Part One; 10 American Song: Part Two; Appendix A; Appendix B; Glossary; Notes; Bibliography; Index; About the Author
Sommario/riassunto	In <span style=""font-style:italic;"">Listening to Art Song, Margaret Olson offers an easy-to-read, fresh perspective on the remarkably diverse musical genre of art song, surveying for readers such topics as the development of song, the elements that make up song, and the art of listening to song. Readers will learn how to identify and evaluate song elements in order to listen critically and effectively and best appreciate this song form.

2. Record Nr. UNINA9910483174903321

Autore	Jiang Dong
Titolo	Advanced Pulse-Width-Modulation: With Freedom to Optimize Power Electronics Converters / / by Dong Jiang, Zewei Shen, Qiao Li, Jianan Chen, Zicheng Liu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-334-385-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVII, 380 p. 453 illus., 332 illus. in color.)
Collana	CPSS Power Electronics Series, , 2520-8861
Disciplina	621.317
Soggetti	Electric power production Electronic circuits Electronics Electrical Power Engineering Electronic Circuits and Systems Electronics and Microelectronics, Instrumentation Mechanical Power Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Fundamental of Power Electronics Converter and Pulse-Width-Modulation -- Principle of Pulse-Width-Modulation -- PWM's Impact on System Performance -- Current Ripple Prediction Model -- Variable Switching Frequency PWM -- Phase-shift PWM -- Advanced PWM for Advanced Topologies -- PWM for Common-mode Noise Reduction -- PWM's Implementation in Hardware.
Sommario/riassunto	This book is a technical publication for students, scholars and engineers in electrical engineering, focusing on the pulse-width-modulation (PWM) technologies in power electronics area. Based on an introduction of basic PWM principles this book analyzes three major challenges for PWM on system performance: power losses, voltage/current ripple and electromagnetic interference (EMI) noise, and the lack of utilization of control freedoms in conventional PWM technologies. Then, the model of PWM's impact on system performance is introduced, with the current ripple prediction method for voltage source converter as example. With the prediction model, two major

advanced PWM methods are introduced: variable switching frequency PWM and phase-shift PWM, which can reduce the power losses and EMI for the system based on the prediction model. Furthermore, the advanced PWM can be applied in advanced topologies including multilevel converters and paralleled converters. With more control variablesin the advanced topologies, performance of PWM can be further improved. Also, for the special problem for common-mode noise, this book introduces modified PWM method for reduction. Especially, the paralleled inverters with advanced PWM can achieve good performance for the common-mode noise reduction. Finally, the implementation of PWM technologies in hardware is introduced in the last part.