

1. Record Nr.	UNINA9910366657603321
Autore	Briot Jean-Pierre
Titolo	Deep Learning Techniques for Music Generation // by Jean-Pierre Briot, Gaëtan Hadjeres, François-David Pachet
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	9783319701639 3319701630
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXVIII, 284 p. 143 illus., 91 illus. in color.)
Collana	Computational Synthesis and Creative Systems, , 2509-6575
Disciplina	006.3
Soggetti	Artificial intelligence Music Application software Mathematics Artificial Intelligence Computer Appl. in Arts and Humanities Mathematics in Music
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Method -- Objective -- Representation -- Architecture -- Challenge and Strategy -- Analysis -- Discussion and Conclusion.
Sommario/riassunto	This book is a survey and analysis of how deep learning can be used to generate musical content. The authors offer a comprehensive presentation of the foundations of deep learning techniques for music generation. They also develop a conceptual framework used to classify and analyze various types of architecture, encoding models, generation strategies, and ways to control the generation. The five dimensions of this framework are: objective (the kind of musical content to be generated, e.g., melody, accompaniment); representation (the musical elements to be considered and how to encode them, e.g., chord, silence, piano roll, one-hot encoding); architecture (the structure organizing neurons, their connexions, and the flow of their activations, e.g., feedforward, recurrent, variational autoencoder); challenge (the desired properties and issues, e.g., variability, incrementality,

adaptability); and strategy (the way to model and control the process of generation, e.g., single-step feedforward, iterative feedforward, decoder feedforward, sampling). To illustrate the possible design decisions and to allow comparison and correlation analysis they analyze and classify more than 40 systems, and they discuss important open challenges such as interactivity, originality, and structure. The authors have extensive knowledge and experience in all related research, technical, performance, and business aspects. The book is suitable for students, practitioners, and researchers in the artificial intelligence, machine learning, and music creation domains. The reader does not require any prior knowledge about artificial neural networks, deep learning, or computer music. The text is fully supported with a comprehensive table of acronyms, bibliography, glossary, and index, and supplementary material is available from the authors' website.

2. Record Nr.	UNINA9910961804803321
Autore	Ryan Mick
Titolo	Penal policy and political culture in England and Wales : four essays on policy and process / / Mick Ryan
Pubbl/distr/stampa	Winchester, U.K., : Waterside Press, 2003
ISBN	9786611124823 9781281124821 1281124826 9781906534554 1906534551
Edizione	[1st ed.]
Descrizione fisica	1 online resource (147 p.)
Disciplina	365/.942
Soggetti	Punishment - Great Britain Social change - Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover -- CONTENTS -- Preface -- Acknowledgements -- Abbreviations -- PART I Elites -- PART II Outsiders -- PART III Managers and

