1. Record Nr. UNISALENTO991000367089707536

Autore	Janert, Philipp
Titolo	Gnuplot in action : understanding data with graphs / by Philipp Janert
Pubbl/distr/stampa	Greenwich, Conn. : Manning Publications, 2009
ISBN	9781933988399 1933988398
Descrizione fisica	xxxi, 360 p. : col ill. ; 23 cm
Classificazione	AMS 68U05
Disciplina	519.5028553
Soggetti	Statistics - Data processing Graph theory - Data processing Gnuplot (Computer file)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index

2. Record Nr. UNINA9910739431403321

Autore	Tan Xu
Titolo	Neural Text-to-Speech Synthesis / / by Xu Tan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819908271 9789819908264
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (214 pages)
Collana	Artificial Intelligence: Foundations, Theory, and Algorithms, , 2365-306X
Disciplina	006.54
Soggetti	Natural language processing (Computer science) Speech processing systems Signal processing Machine learning Artificial intelligence Natural Language Processing (NLP) Speech and Audio Processing Machine Learning Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Part 1. Preliminary -- Chapter 2. Basics of Spoken Language Processing -- Chapter 3. Basics of Deep Learning -- Part 2. Key Components in TTS -- Chapter 4. Text Analyses -- Chapter 5. Acoustic Models -- Chapter 6. Vocoders -- Chapter 7. Fully End-to-End TTS -- Part 3. Advanced Topics in TTS -- Chapter 8. Expressive and Controllable TTS -- Chapter 9. Robust TTS -- Chapter 10. Model-Efficient TTS -- Chapter 11. Data-Efficient TTS -- Chapter 12. Beyond Text-to-Speech Synthesis -- Part 4. Summary and Outlook -- Chapter 13. Summary and Outlook.
Sommario/riassunto	Text-to-speech (TTS) aims to synthesize intelligible and natural speech based on the given text. It is a hot topic in language, speech, and machine learning research and has broad applications in industry. This book introduces neural network-based TTS in the era of deep learning,

aiming to provide a good understanding of neural TTS, current research and applications, and the future research trend. This book first introduces the history of TTS technologies and overviews neural TTS, and provides preliminary knowledge on language and speech processing, neural networks and deep learning, and deep generative models. It then introduces neural TTS from the perspective of key components (text analyses, acoustic models, vocoders, and end-to-end models) and advanced topics (expressive and controllable, robust, model-efficient, and data-efficient TTS). It also points some future research directions and collects some resources related to TTS. This book is the first to introduceneural TTS in a comprehensive and easy-to-understand way and can serve both academic researchers and industry practitioners working on TTS.