1. Record Nr.   UNINA9910710776203321

Autore   Amis Eric J

Titolo   MSEL Polymers Division : FY 2003 programs and accomplishments / / Eric J. Amis; Chad R. Snyder

Pubbl/distr/stampa   Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 2003

Descrizione fisica   1 online resource

Collana   NISTIR ; ; 7016

Altri autori (Persone)   AmisEric J
SnyderChad R

Lingua di pubblicazione   Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Note generali   2003.
Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes.
Title from PDF title page.

Nota di bibliografia   Includes bibliographical references.

2.	Record Nr.	UNINA9910254327703321
	Autore	Hinterleitner Florian
	Titolo	Quality of Synthetic Speech : Perceptual Dimensions, Influencing Factors, and Instrumental Assessment / / by Florian Hinterleitner
	Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
	ISBN	981-10-3734-5
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XVI, 157 p. 29 illus.)
	Collana	T-Labs Series in Telecommunication Services, , 2192-2810
	Disciplina	006.54
	Soggetti	Signal processing Image processing Speech processing systems User interfaces (Computer systems) Signal, Image and Speech Processing User Interfaces and Human Computer Interaction
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	Introduction -- Speech Synthesis -- Auditory and Instrumental Quality Evaluation Metrics -- Perceptual Quality Dimensions -- Influencing Factors on Perceptual Quality -- Instrumental Quality Assessment -- Requirements for the Integration of an Instrumental Quality Measure into a Concatenative TTS System -- Conclusions.
	Sommario/riassunto	This book reviews research towards perceptual quality dimensions of synthetic speech, compares these findings with the state of the art, and derives a set of five universal perceptual quality dimensions for TTS signals. They are: (i) naturalness of voice, (ii) prosodic quality, (iii) fluency and intelligibility, (iv) absence of disturbances, and (v) calmness. Moreover, a test protocol for the efficient indentification of those dimensions in a listening test is introduced. Furthermore, several factors influencing these dimensions are examined. In addition, different techniques for the instrumental quality assessment of TTS signals are introduced, reviewed and tested. Finally, the requirements for the integration of an instrumental quality measure into a concatenative TTS system are examined.