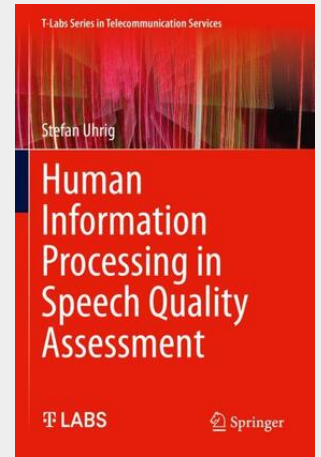


Uhrig

## Human Information Processing in Speech Quality Assessment

This book provides a new multi-method, process-oriented approach towards speech quality assessment, which allows readers to examine the influence of speech transmission quality on a variety of perceptual and cognitive processes in human listeners. Fundamental concepts and methodologies surrounding the topic of process-oriented quality assessment are introduced and discussed. The book further describes a functional process model of human quality perception, which theoretically integrates results obtained in three experimental studies. This book's conceptual ideas, empirical findings, and theoretical interpretations should be of particular interest to researchers working in the fields of Quality and Usability Engineering, Audio Engineering, Psychoacoustics, Audiology, and Psychophysiology.

This book provides a new multi-method, process-oriented approach towards speech quality assessment, which allows readers to examine the influence of speech transmission quality on a variety of perceptual and cognitive processes in human listeners. Fundamental concepts and methodologies surrounding the topic of process-oriented quality assessment are introduced and discussed. The book further describes a functional process model of human quality perception, which theoretically integrates results obtained in three experimental studies. This book's conceptual ideas, empirical findings, and theoretical interpretations should be of particular interest to researchers working in the fields of Quality and Usability Engineering, Audio Engineering, Psychoacoustics, Audiology, and Psychophysiology. - Presents a new process-oriented approach towards speech quality assessment to uncover influences of speech transmission quality on human information processing; - Proposes a multi-method assessment approach including subjective, behavioral, and neurophysiological levels of analysis; - Reports findings from three experimental studies, that demonstrate interactions between perceived speech quality, contextual, and content-related influencing factors.



**106,99 €**

99,99 € (zzgl. MwSt.)

*Lieferfrist: bis zu 10 Tage*

**Artikelnummer:** 9783030713911

**Medium:** Buch

**ISBN:** 978-3-030-71391-1

**Verlag:** Springer International Publishing

**Erscheinungstermin:** 05.06.2022

**Sprache(n):** Englisch

**Auflage:** 1. Auflage 2021

**Serie:** T-Labs Series in Telecommunication Services

**Produktform:** Kartoniert

**Gewicht:** 295 g

**Seiten:** 169

**Format (B x H):** 155 x 235 mm

