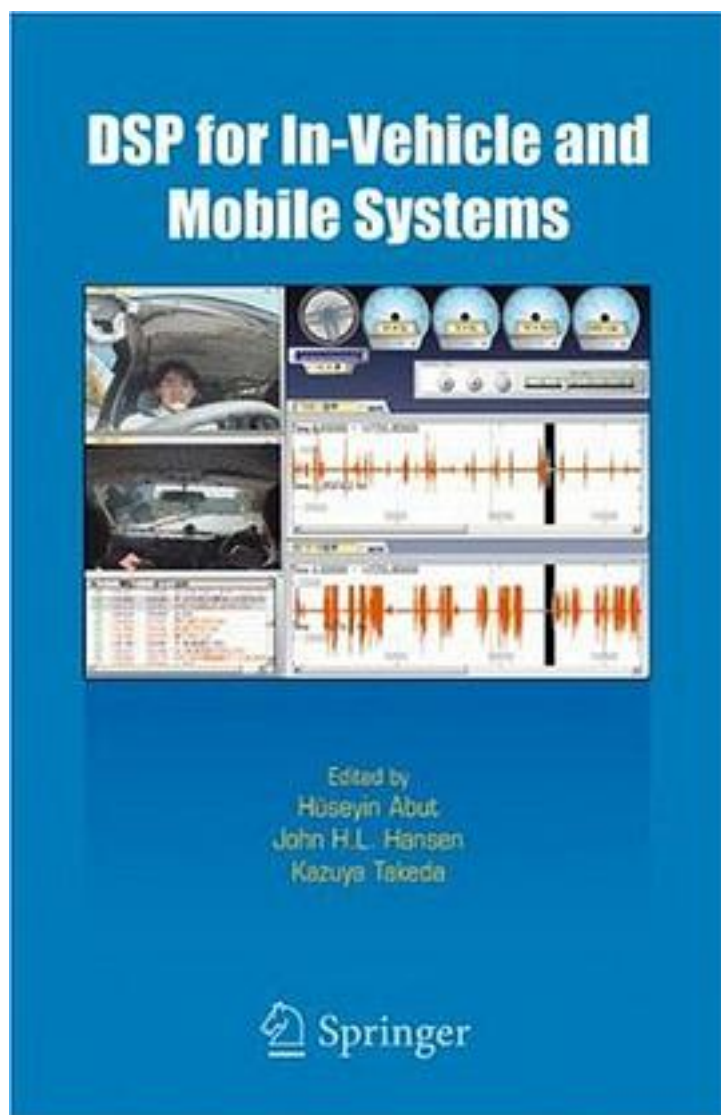# DSP for In-Vehicle and Mobile Systems

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DSP for In-Vehicle and Mobile Systems is focused on digital signal processing strategies for improving information access, command and control, and communications for in-vehicle environments. It is expected that the next generation of human-to-vehicle interfaces will incorporate speech, video/image, and wireless communication modalities to provide more comfortable and safer driving ambiance. It is also expected that vehicles will become "smarter" and provide a level of wireless information sharing of resources regarding road, weather, traffic, and other information that drivers may need immediately or request at a later time while driving on the road. The format of this work centers on three themes: in-vehicle corpora, speech recognition/dialog systems with emphasis on car environments, and digital signal processing for mobile platforms involving noise suppression, image/video processing, and alternative communication scenarios that can be employed for in-vehicle applications. DSP for In-Vehicle and Mobile Systems is appropriate for researchers and professionals working in signal processing technologies, next generation vehicle design and networked-communications.

作者介绍:

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