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This book is dedicated to user experience design for automated driving to address humane aspects of automated driving e g workload safety trust ethics and acceptance Automated driving has experienced a major development boost in recent years However most of the research and implementation has been technology driven rather than human centered The levels of automated driving have been poorly defined and inconsistently used A variety of application scenarios and restrictions has been ambiguous Also it deals with human factors design practices and methods as well as applications such as multimodal infotainment virtual reality augmented reality and interactions in and outside users This book aims at 1 providing engineers designers and practitioners with a broad overview of the state of the art user experience research in automated driving to speed up the implementation of automated vehicles and 2 helping researchers and students benefit from various perspectives and approaches to generate new research ideas and conduct more integrated research

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