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Sommario/riassunto	This book details the knowledge of digital instrumentation human–machine interaction (HMI) design, infotainment system HMI design, multi-mode interaction design, and driving automation HMI design in intelligent vehicles from the perspective of human factors engineering. It explains the design methodology of intelligent vehicle systems, intelligent driving, and multi-mode interaction from multiple

perspectives, covering ergonomics theory, industry specifications, design cases, design principles, trends, and challenges in related fields. This book is suitable for automotive user experience (UX) and HMI designers, product managers, etc. It is also used as a textbook or reference book for automotive design, human–computer interaction design, and other related courses in higher education institutions.