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Nota di contenuto	ch. 1. Introduction -- ch. 2. Context-of-use as a factor in determining the usability of in-vehicle information systems -- ch. 3. In-vehicle information systems to meet the needs of drivers -- ch. 4. A usability evaluation framework for in-vehicle information systems -- ch. 5. The trade-off between context and objectivity in an analytic evaluation of in-vehicle interfaces -- ch. 6. To twist or poke? a method for identifying usability issues with direct and indirect input devices for control of in-vehicle information systems -- ch. 7. Modelling the hare and the tortoise : predicting IVIS task times for fast, middle, and slow person performance using critical path analysis -- ch. 8. Visual attention on the move : there is more to modelling than meets the eye -- ch. 9. Summary of contributions and future challenges.
Sommario/riassunto	Preface The work presented in this book was prompted by the need for an evaluation framework that is useful and relevant to the automotive industry. It is often argued that ergonomics is involved too late in the commercial project development processes to have substantive impact on design and usability. In the automotive industry, and specifically in relation to In-Vehicle Information Systems (IVIS), a lack of attention to the issue of usability can lead not only to poor customer satisfaction but can also present a significant risk to safe and efficient driving. This work contributes to the understanding and evaluation of usability in the context of IVIS and is written for students, researchers, designers, and

engineers who are involved or interested in the design and evaluation of in-vehicle systems. The book has three key objectives - Define and understand usability in the context of IVIS. This guides the specification of criteria against which usability can be successfully evaluated. - Develop a multimethod framework to support designers in the evaluation of IVIS usability. The underlying motivations for the framework are a need for early-stage evaluation to support proactive redesign and a practical and realistic approach that can be used successfully by automotive manufacturers. - Develop an analytic usability evaluation method that enables useful predictions of task interaction, while accounting for the specific context-of- use of IVIS--
