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Part I. Introduction. Driver acceptance of new technology: overview --Part II. Theories and models of driver acceptance. The definition of acceptance and acceptability; Modelling acceptance of driver assistance systems : application of the Unified Theory of Acceptance and use of technology; Socio-psychological factors that influence acceptability of intelligent transport systems : a model ; Modelling driver acceptance: from feedback to monitoring and mentoring systems -- Part III. Measurement of driver acceptance. How is acceptance measured?: Overview of measurement issues, methods and tools; Measuring acceptability through questionnaires and focus groups; The profile of emotional designs: a tool for the measurement of affective and cognitive responses to in-vehicle innovations; An empirical method for quantifying drivers' level of acceptance of alerts issued by automotive active safety systems -- Part IV. Data on driver acceptance: case studies; Driver acceptance of in-vehicle information, assistance and automated systems: an overview; Driver acceptance of electric vehicles: findings from the French MINI E study; User-centred design and evaluation as a prerequisite for the success of disruptive innovations: an electric vehicle case study; Motorcycle riders' acceptance of advanced rider assistance systems; Driver acceptance of

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