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Nota di contenuto	Intro -- Title Page -- Foreword -- Organization -- Table of Contents -- Part I: Cognitive and Psychological Aspects of Interaction -- Movement Time for Different Input Devices -- Introduction -- Method -- Participants -- Design -- Materials -- Procedure -- Results -- Discussion -- References -- Audio and Audiovisual Cueing in Visual Search: Effects of Target Uncertainty and Auditory Cue Precision -- Introduction -- Method -- Participants -- Apparatus -- Design -- Procedure -- Results -- Auditory Cue Condition -- Audiovisual Cue

Condition -- Discussion -- References -- Interpretation of Metaphors with Perceptual Features Using WordNet -- Introduction -- Pictorial Metaphors -- Perceptual Similarities in Pictorial Metaphors -- Computers and Creativity -- Using WordNet for Generating Metaphorical Interpretation -- Idea and Aim -- WordNet -- WordNet and Metaphor Generation -- Threshold -- Anchoring -- Testing and Results -- Limitations and Future Work -- References -- Acoustic Correlates of Deceptive Speech - An Exploratory Study -- Introduction -- Method -- Participants -- Experiment Procedure -- Recording Setting/Equipment -- Parameters Analysed -- Measurement Equipment/Technique -- Results -- Fundamental Frequency (f0) -- Intensity -- Vowel Formants -- Discussion -- Conclusion -- References -- Kansei Evaluation of HDR Color Images with Different Tone Curves and Sizes - Foundational Investigation of Difference between Japanese and Chinese -- Introduction -- Experiment -- Experimental Stimuli -- Experimental Conditions and Procedure -- Result and Analysis -- Conclusion -- References -- Personalized Emotional Prediction Method for Real-Life Objects Based on Collaborative Filtering -- Introduction -- Related Works -- IAPS and SAM -- CF: Collaborative Filtering -- Proposed Emotional Prediction Method -- Experimental Results -- Conclusion -- References.

A Study of Vision Ergonomic of LED Display Signs on Different Environment Illuminance -- Introduction -- Research Methods and Experimental Design -- Research Methods -- Experimental Equipment -- Subjects -- Experimental procedure -- Results and Discussion -- The Descriptive Statistics for Subjective Assessment of the Far and Near Distances -- Comparison of Three-Factor Multivariate Analysis -- The Comparison of One-Way ANOVA -- Conclusion -- The Direction of Sequential Studies -- References -- Spatial Tasks on a Large, High-Resolution, Tiled Display: A Male Inferiority in Performance with a Mental Rotation Task -- Introduction -- A Couple of Words about the Findings in Our Previous Study -- Method and Experimental Setup -- Results -- Discussion -- References -- Modeling Visual Attention for Rule-Based Usability Simulations of Elderly Citizen -- Introduction -- Related Work -- The Simulation Workbench MeMo -- Visual Attention for Usability -- Visual Attention -- Visual Attention and Effects of Ageing -- Visual Attention Model - Current State of Implementation and Next Steps -- Conclusion -- References -- Operational Characteristics Related to Memory in Operating Information Devices with Hierarchical Menu -- Introduction -- Relation between Memory Function and Exploration Behavior -- Relation between Memory Function and Operation of Information Devices -- A Hypothesis about Effects of Decrease of Memory Function on Learning Process in Operating Information Devices -- Experimental Method -- Hierarchical Menu Used in This Experiment -- Participants -- Experimental Equipment -- Preliminary Confirmation -- Tasks -- Measurement of Episodic Memory -- Results and Discussion -- Difference of Episodic Memory between Elderly and Young Participants -- Comparison of the Number of Futile Selections -- Consideration in Elderly Participants. Comparison of the Number of Gazed Items -- Analysis of Improper Selections -- Conclusion -- References -- Effects of Paper on Page Turning: Comparison of Paper and Electronic Media in Reading Documents with Endnotes -- Introduction -- Hypotheses -- Method -- Results and Discussion -- Conclusion -- References -- Viability of Mobile Devices for Training Purposes -- Introduction -- Mobile Simulation -- Criteria -- Challenges, Differences and Solutions -- User Interface -- Application Structure -- Programming Languages -- Three-Dimensional Graphics -- Connectivity -- Conclusion --

References -- Display System for Advertising Image with Scent and Psychological Effect -- Introduction -- Related Works -- KANSEI Multi-Media Display (KMMD) -- Prototype of LED Display That Air Passes through -- Display Characteristic -- Olfactory Display System Behind the Screen -- Air Discharge Mechanism Design -- Airflow Control Experiment -- Scent Emitting Experiment -- Psychological Evaluation of Digital Signage with Scent -- Eye Catching Effects of Advertising Image with Scent -- Memory Promoting Effects of Image with Scent -- Conclusion -- References -- Subitizing-Counting Analogue Observed in a Fast Multi-tapping Task -- Introduction -- Experiment -- Results -- Time Series of Inter-tap Intervals -- Error Distribution -- Summary and Discussion -- References -- The Number of Trials with Target Affects the Low Prevalence Effect -- Introduction -- Methods -- Materials -- Participants -- Procedure -- Data Analysis -- Result -- Discussion -- References -- Part II: Cognitive Aspects of Driving -- Facial Expression Measurement for Detecting Driver Drowsiness -- Introduction -- Early-Stage Drowsiness Detection -- Automatic Drowsiness-Detection Using Facial Expression -- Features of Drowsy Expression -- Image Processing for Measuring Features of Drowsy Expression.

Method of Detecting Drowsiness Level -- Cancellation of Awake Expressions -- Conclusion -- References -- Estimation of Driver's Fatigue Based on Steering Wheel Angle -- Introduction -- Method -- Apparatus -- Subjects -- Experiment Arrangement -- Data Analysis -- Lane Deviation -- The Road Curvature Elimination -- The Sample Data Classification -- The Correlation of Steering Wheel Angle and Lane Deviation -- Results -- Data Processing -- BN Model -- Discussion and Conclusion -- References -- Study on Driving Performance of Aged Drivers at the Intersections Compared with Young Drivers -- Introduction -- Experiment 1 -- Methods -- Results -- Experiment 2 -- Method -- Results -- Discussion and Conclusion -- References -- The Influence of False and Missing Alarms of Safety System on Drivers' Risk-Taking Behavior -- Introduction -- Experiment 1 -- Procedure -- Results -- Discussion -- Experiment 2 -- Procedure -- Results -- Discussion -- General Discussion -- References -- Estimation of Driver's Arousal State Using Multi-dimensional Physiological Indices -- Introduction -- Methods -- Data Collection -- Quantification Procedure of Indices -- Statistical Analysis -- Results and Discussions -- Changes in Arousal States -- Characteristic Changes in Physiological Measures Depending on Arousal States -- Estimation of Arousal States by Physiological Measures -- Conclusion -- References -- The Effects of Visual and Cognitive Distraction on Driver Situation Awareness -- Introduction -- Methods -- Participants -- Apparatus -- Experimental Design and Tasks -- Procedure -- Dependent Variables -- Hypotheses -- Results -- Statistical Analysis -- Situation Awareness -- Relation of SA and Performance -- Discussion -- Conclusion -- References -- Experienced and Novice Driver Situation Awareness at Rail Level Crossings: An Exploratory On-Road Study -- Introduction. Methodology -- Modeling and Analyzing Situation Awareness -- Design -- Participants -- Materials -- Procedure -- Results -- Network Analysis -- Discussion -- References -- Influence of Brightness and Traffic Flow on Driver's Eye-Fixation-Related Potentials -- Introduction -- Methods -- Main Task and Subtask -- Environmental Factors -- Experimental Conditions -- Measurements -- Participants -- Results -- Behavioral Measures -- Subjective Measures -- EFRP -- Discussion -- Conclusion -- References -- Cognitive Compatibility of Motorcyclists and Drivers -- Introduction -- Method -- Participants -- Design -- Materials -- Procedure -- Results and Discussion -- Semantic

Extraction -- Structure of Semantic Networks -- Thematic Analysis -- Conclusion -- References -- Part III: Cognition and the Web -- Information Searching on the Web: The Cognitive Difficulties Experienced by Older Users in Modifying Unsuccessful Information Searches -- Introduction -- Method -- Participants -- Experimental Procedure -- Variables and Data Analyses -- Results -- Cognitive Abilities -- Information Searching Performances (see Table 1) -- The Role of Age and Cognitive Abilities in Reformulating Unsuccessful Requests -- Distribution of the IS Activity Components -- Conclusion -- References -- Template for Website Browsing -- Introduction -- Template-Matching: The Mechanism to Reduce Complexity -- The Experiment -- Procedures -- Subjects -- Content Analysis -- Results -- Conclusions -- References -- Mental Models: Have Users' Mental Models of Web Search Engines Improved in the Last Ten Years? -- Introduction -- Method -- Sample -- Procedure -- Measures and Analysis -- Results -- Performance Measures -- Cluster Analyses of Salient Features (T1 vs. T2) -- Presence of Each Salient Feature: T1 to T2 -- Discussion -- References -- The e-Progression in SEs -- Introduction.
Theoretical Framework.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Conference on Engineering Psychology and Cognitive Ergonomics, EPCE 2011, held in Orlando, FL, USA, in July 2011, within the framework of the 14th International Conference on Human-Computer Interaction, HCII 2011, together with 11 other thematically similar conferences. The 67 full papers presented were carefully reviewed and selected from numerous submissions. The papers are organized in topical parts on cognitive and psychological aspects of interaction; cognitive aspects of driving; cognition and the Web; cognition and automation; security and safety; and aerospace and military applications.
