



Advances in psychology [contemporary research in handwriting /

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Monografía

Graphonomics is the newly created term for the science of handwriting and other graphic skills. The Second International Conference on the Neural and Motor Aspects of Handwriting attracted contributions from experimental psychologists, neuropsychologists, neurologists, linguists, biophysicists, and computer scientists from 12 countries. This volume, the proceedings of the conference, features clinical studies of the neural basis of agraphia and dysgraphia from brain-damaged patients. The motor aspects of handwriting are further extended to new areas of interests. Research on hand

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Chapter 2 The Elementary Units of Programming in Handwriting; Chapter 3 The Influence of Changes in the Effector Coordinate System on Handwriting Movements; Chapter 4 Handwriting Pressure: Effects of Task Complexity, Control Mode and Orthographic Difference Section Two Development and Learning of Handwriting Behaviour Overview; Chapter 1 Movement Analysis of Repetitive Writing Behaviour of First, Second and Third Grade Primary School Children; Chapter 2 An Analysis of Children's Penholds; Chapter 3 Further Evidence on the Relationship between Form Errors in Preschool Printing and Early School Achievement; Chapter 4 Effects of Feedback Training on 'Normal' and Dysgraphic Students; Section Three Modelling and Analyses of Handwriting; Overview; Chapter 1 Understanding Cursive Script as a Trajectory Formation Paradigm Chapter 2 Modelization of Handwriting: A System Approach Chapter 3 An Adaptive System for Handwriting Recognition; Chapter 4 Extraction of the Analog Pentip Position, Velocity and Acceleration Signals from a Digitizer; Chapter 5 Human Recognition of Handprinted Characters and Distance Measurements; Chapter 6 On the Use and Limitations of Averaging Handwriting Signals; Section Four Memory and Cognitive Processes in Handwriting; Overview; Chapter 1 Dissociation of Motor Memory from Phonetic Memory: Its Effects on Slips of the Pen Chapter 2 Between-letter Context Effects in Handwriting Trajectories Chapter 3 Writing Time of Double-Character Chinese Words: Effects of Interrupting Writing Responses; Chapter 4 Attentional Resources Allocation Process in Different Modes of Handwriting Control; Chapter 5 Invariants in Handwriting: The information Contained in a Motor Program; Section Five Neural Bases to Handwriting Research; Overview; Chapter 1 Mirror Writing and the Development of Chinese Written Language; Chapter 2 The Acquisition of Visual Spatial Script Chapter 3 Processing Chinese Logographs by Chinese Brain Damaged Patients List of Authors; Appendices; I 2nd International Symposium on the Neural and Motor Aspects of Handwriting, July 8-12, 1985, Hong Kong; II International Graphonomics Society (IGS); Author Index; Subject Index

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