



Imagery and the processing of visuo-spatial representations: A symposium

Michel Denis

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Imagery and the Processing of Visuo-spatial Representations: A Symposium

Michel Denis

Université de Paris-Sud, Orsay, France

The common concern of the contributors to this symposium is the exploration and understanding of human cognitive capabilities involved in the processing of visuo-spatial representations, with a special emphasis on the role of visual imagery. The symposium focuses on the following main topics: the structural and processing characteristics of cognitive systems responsible for the temporary storage and manipulation of visual information; the effects of short-term memory processes on long-term storage of visual information and the incidence of individual differences in imagery on these processes; the similarity of mechanisms governing the processing of mental images for previously perceived visual patterns and images constructed from verbal descriptions; the incidence of experience-based skill differences in translating verbally presented information into visuo-spatial representations; the factors accounting for limitations in imagery abilities in subjects with visual deficits, such as the total congenital blind. These themes were selected for their relevance to the current theoretical approaches to human visual cognition.

The symposium was held during the Third Conference of the European Society for Cognitive Psychology, hosted by the Fifth Annual Conference of the Cognitive Psychology Section of the British Psychological Society, Cambridge, England, 9-12 September 1988.

CONTENTS

Robert H. Logie

University of Aberdeen, Scotland, U.K.

"Characteristics of Visual Short-term Memory"

Dieter Hänggi

Universität Basel, Switzerland

"Differential Aspects of Visual Short- and Long-term Memory"

Michel Denis and Marguerite Cocude

Université de Paris-Sud, Orsay, France

“Scanning Visual Images Generated from Verbal Descriptions”

Pertti Saariluoma

University of Helsinki, Finland

“Chess Players’ Recall of Auditorily Presented Chess Positions”

Cesare Cornoldi, Rossana De Beni, Sabrina Roncari, and Susanna Romano

Università degli Studi di Padova, Italy

“The Effects of Imagery Instructions on Total Congenital Blind Recall”

Alan D. Baddeley

MRC Applied Psychology Unit, Cambridge, England, U.K.

“Some Reflections on Visual Imagery”