Attention and Associative Learning: From Brain to Behaviour

By Chris Mitchell, Mike Le Pelley

Oxford University Press. Hardback. Book Condition: new. BRAND NEW, Attention and Associative Learning: From Brain to Behaviour, Chris Mitchell, Mike Le Pelley, Attention and learning are two of the most important topics in contemporary cognitive psychology and behavioural neuroscience. Of even more interest is how the two interact. Meaningful stimuli and their meaningful effects are invariably embedded in a complex background of meaningless information. Yet, in order to learn about meaningful relationships between events, an organism needs to be able to extract the relevant from the irrelevant. The ability to direct attention selectively to some stimuli and away from others is one fundamental mechanism by which this filtering of information can occur. But what controls this selective attention? Why are certain stimuli selected and others rejected? What are the neural mechanisms underlying this ability? Are they the same in humans as in other animals? And what are the consequences of damage to this attentional system? These are the questions that this book aims to answer. The idea of an interaction between attention and learning has experienced a huge surge of interest in recent years. Advances in behavioural neuroscience have made it possible to investigate the neural basis of attention mechanisms;...

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Reviews

Extensive guide! Its such a excellent read. This can be for anyone who statte that there was not a worth looking at. I am just effortlessly will get a satisfaction of looking at a written publication.
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This book will not be effortless to start on reading through but very exciting to learn. It is amongst the most remarkable book i have got go through. Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Dr. Easton Collier DVM