



Tool Use and Causal Cognition (Consciousness and Self-Consciousness)

Teresa McCormack, Christoph Hoerl, Stephen Butterfill

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What cognitive abilities underpin the use of tools, and how are tools and their properties represented or understood by tool-users? Does the study of tool use provide us with a unique or distinctive source of information about the causal cognition of tool-users?

Tool use is a topic of major interest to all those interested in animal cognition, because it implies that the animal has knowledge of the relationship between objects and their effects. There are countless examples of animals developing tools to achieve some goal—chimps sharpening sticks to use as spears, bonobos using sticks to fish for termites, and New Caledonian crows developing complex tools to extract insects from logs. Studies of tool use have been used to examine an exceptionally wide range of aspects of cognition, such as planning, problem-solving and insight, naive physics, social relationship between action and perception. A key debate in recent research on animal cognition concerns the level of cognitive sophistication that is implied by animal tool use, and developmental psychologists have been addressing related questions regarding the processes through which children acquire the ability to use tools. In neuropsychology, patterns of impairments in tool use due to brain damage, and studies of neural changes associated with tool use, have also led to debates about the different types of cognitive abilities that might underpin tool use, and about how tool use may change the way space or the body is represented.

Tool Use and Causal Cognition provides a new interdisciplinary perspective on these issues with contributions from leading psychologists studying tool use and philosophers providing new analyses of the nature of causal understanding

A ground-breaking volume which covers several disciplines, this volume will be of interest to psychologists, including animal researchers and developmental psychologists as well as philosophers, and neuroscientists.

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Precisely why? Because this Tool Use and Causal Cognition (Consciousness and Self-Consciousness) is an unordinary book that the inside of the publication waiting for you to snap this but latter it will jolt you with the secret the item inside. Reading this book adjacent to it was fantastic author who have write the book in such remarkable way makes the content interior easier to understand, entertaining method but still convey the meaning entirely. So , it is good for you for not hesitating having this nowadays or you going to regret it. This amazing book will give you a lot of positive aspects than the other book possess such as help improving your skill and your critical thinking approach. So , still want to delay having that book? If I were you I will go to the guide store hurriedly.

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