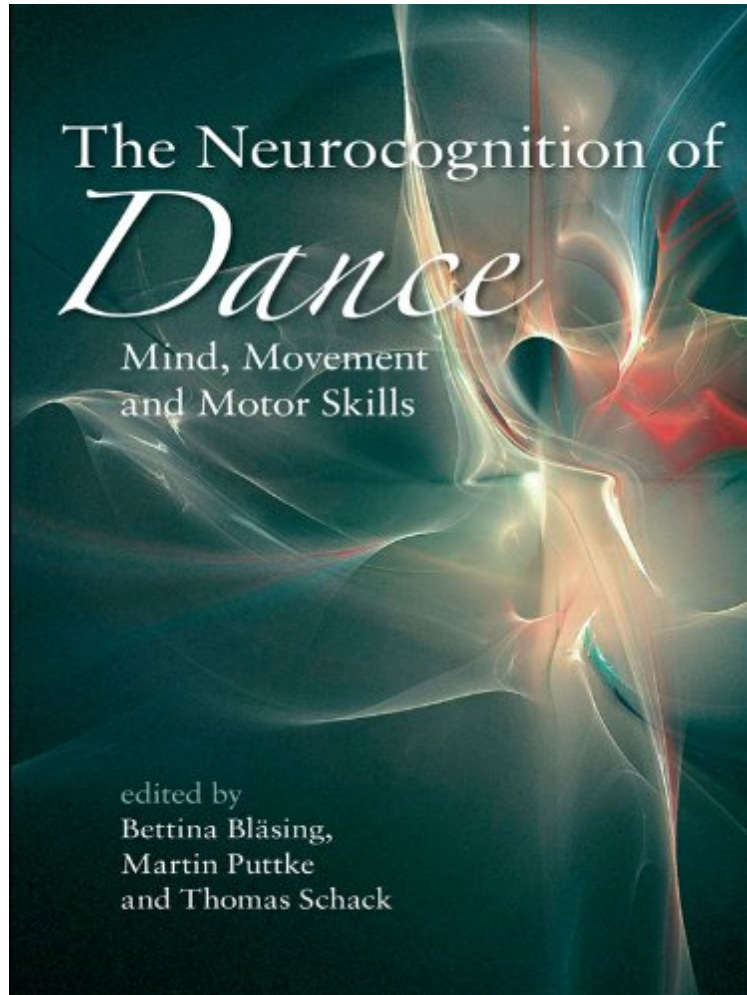


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The Neurocognition of Dance: Mind, Movement and Motor Skills

Bettina Bläsi;sing, Martin Puttke, Thomas Schack
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Bettina Bläsi;sing, Martin Puttke, Thomas Schack : The Neurocognition of Dance: Mind, Movement and Motor Skills before purchasing it in order to gage whether or not it would be worth my time, and all praised The Neurocognition of Dance: Mind, Movement and Motor Skills:

0 of 0 people found the following review helpful. Thought Provoking ResearchBy AnderA fascinating and important compilation of research drawn from multiple perspectives on the state of the science of the mind-body practice of dance. This volume would be of interest to multiple audiences, from students to researchers.

Dance has always been an important aspect of all human cultures, and the study of human movement and action has become a topic of increasing relevance over the last decade, bringing dance into the focus of the cognitive sciences. This book discusses the wide range of interrelations between body postures and body movements as conceptualised in dance with perception, mental processing and action planning. The volume brings together cognitive scientists,

psychologists, neuroscientists, choreographers, and ballet teachers, to discuss important issues regarding dance and cognition. First, scientists introduce ideas that offer different perspectives on human movement and therefore can be applied to dance. Secondly, professionals from the world of dance have their say, reporting on how their creative and pedagogical work relates to cognition and learning. Finally, researchers with personal links to the dance world demonstrate how neurocognitive methods are applied to studying different aspects related to dance. This book is suitable for students and professionals from the fields of psychology, neuropsychology, cognitive psychology, sport psychology and sport science, movement science, motor control, motor development, kinesiology, dance, choreography, dance education and dance therapy; to teachers who want to teach dance to students of any age.

"This book is the first of its kind, combining science with the art of dance. The editors provide an appealing and informative overview of cognitive and neuroscientific approaches to dance, and use clear, effective diction to deepen the understanding of the physical, neural and cognitive principles of human motor learning." - Juliane Jacqueline Honisch, Behavioural Brain Sciences, School of Psychology, University of Birmingham, UK "This text provides a successful and exciting interdisciplinary approach to complex human behavior. It is suitable for students and researchers in the field of motor research in psychology and neuroscience, as well as for persons in sport education with a deep interest in dance from a practical and theoretical perspective." ndash; Andrea Kiesel, Associate Professor of Cognitive Psychology, University of Wuerzburg, Germany "Actions speak louder than words, but this book finds the words and pictures with which to give actions their voice. It does so by focusing on actions which are expressive and emotional rather than instrumental, the actions of dance, in a way which enriches and is enriched by new studies of the cognitive science and neuroscience of action." - Michael Arbib, USC Brain Project, nbsp;University of Southern California, USA nbsp; nbsp;About the Author Bettina Blau is a research scientist at the Neurocognition and Action Research Group at Bielefeld University, responsible investigator at the Center of Excellence Cognitive Interaction Technology (CITEC), and member of the Research Institute for Cognition and Robotics (CoR-Lab). Her main research interests are the control and learning of complex movements, mental representations of the body, movement, actions and skills and neurocognitive aspects and expertise in dance. Martin Puttke was formerly a dancer, headmaster and artistic director of the State Ballet School Berlin. He was also the ballet director of the State Opera Ballet Company Berlin and of the Aalto Ballet Theater Essen. He is a renowned ballet pedagogue. In 1988 he became a Professor at the Hochschule fuer Schauspielkunst "Ernst Busch" Berlin. His main interest is the renewal of the school of classical dance by his new system DANAMOS. Thomas Schack is Professor and head of the Neurocognition and Action Research Group at Bielefeld University. He is principal investigator at the Center of Excellence Cognitive Interaction Technology (CITEC) and member of the Research Institute for Cognition and Robotics (CoR-Lab). His main research interests concern mental movement representation, mental training, cognitive robotics and the neurocognitive basis of complex movement.