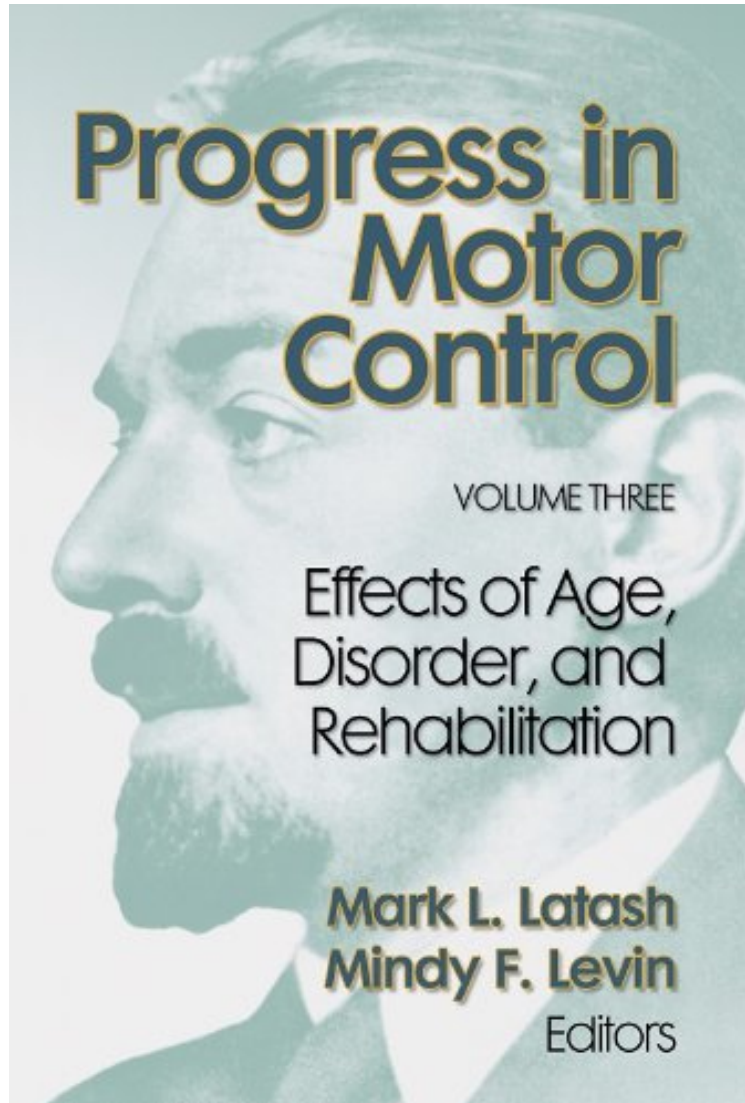


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## Progress in Motor Control, Volume 3:Effect of Age,DisorderRehab

*Mark Latash, Mindy Levin*

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**Mark Latash, Mindy Levin : Progress in Motor Control, Volume 3:Effect of Age,DisorderRehab** before purchasing it in order to gage whether or not it would be worth my time, and all praised Progress in Motor Control, Volume 3:Effect of Age,DisorderRehab:

Progress in Motor Control, Volume Three, explores recent progress in theoretical and experimental motor control studies, presenting cutting-edge research and experimental findings in motor control literature. In this reference, you'll

find the viewpoints of many of the world's experts in motor control, and you'll see how to apply their latest insights to clinical problems. Comprehensive and up to date, *Progress in Motor Control, Volume Three*, continues the tradition of the great Nikolai Bernstein, one of the founders in the field now defined as motor control. This book bridges the gap between theory and practice for professionals working in the area of impaired motor coordination. *Progress in Motor Control, Volume Three*, appeals to a broader audience than previous volumes did, crossing into applied areas such as aging, development, and rehabilitation. This new volume highlights changes in motor control with age and neurological disorder, including effects on posture, balance control, motor learning, and rehabilitation after a stroke. It's a valuable resource for a wide range of professionals working in basic and applied areas of motor control. In this volume, 28 internationally known researchers in the field of motor control present state-of-the-art accounts to help clinicians understand current trends in basic motor control studies. The book includes 12 comprehensive and detailed chapters featuring more than 180 figures and photos that highlight the contributors' methods of research and conclusions from their studies. It is organized into the following four parts: -Sensorimotor integration-New approaches to motor variability-Changes in motor control with age or neurological disorder-Motor rehabilitation after stroke or spinal cord injury With the addition of clinical applications, *Progress in Motor Control, Volume Three*, will become an essential resource to professionals in physical therapy, physical medicine and rehabilitation, and other medical fields. Just as important, it will help to educate future professionals in both basic and applied motor control.

About the Author Mark L. Latash, PhD, is a professor of kinesiology at Pennsylvania State University. Since the 1970s, he has worked extensively in normal and disordered motor control. His work has included animal studies, human experiments, modeling, and clinical studies. The author of *Control of Human Movement (Human Kinetics 1993)* and *Neurophysiological Basis of Movement (Human Kinetics 1998)*, Latash also translated Bernstein's classic, *On Dexterity and Its Development (Erlbaum)*, in 1996. In addition to serving as editor for both previous volumes of *Progress in Motor Control*, Latash serves as the editor of the academic journal *Motor Control* and was coeditor of *Classics in Movement Science (Human Kinetics 2001)*. He also started a series of conferences titled *Progress in Motor Control*. Latash earned a master's degree in physics of living systems from the Moscow Physico-Technical Institute in 1976 and a PhD in physiology from Rush University in 1989. He is president of the International Society of Motor Control and a member of the Society for Neuroscience and the American Society of Biomechanics. He is a fellow of the American Academy of Kinesiology and Physical Education and earned the Pattishall Outstanding Research Achievement Award from Pennsylvania State University in 2001. Mindy Levin, PhD, PT, teaches physiotherapy at the School of Rehabilitation at the University of Montreal and is director of a research laboratory investigating motor learning and recovery of arm function in adults and children with neurological disorders. For 10 years she has been a practicing physiotherapist, specializing in neurological rehabilitation of patients with spinal cord injuries, Parkinson's disease, neuromuscular disorders, and stroke. Levin earned a master's degree in clinical sciences from the University of Montreal and a PhD in physiology from McGill University. She is a member of the Order of Physiotherapists of Quebec, the Consortium of Rehabilitation Researchers of Canada, the Canadian Stroke Network, and the Society for Neuroscience and is an executive officer of the International Society of Motor Control. She was recognized by the Heart and Stroke Foundation of Canada in 2002 for excellence in research in preventive cardiology.