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Sensorimotor Control and Learning is an indispensable resource for students of kinesiology and psychology, as well as students of other disciplines such as human factors, biomedical engineering,

physiotherapy, and the neurosciences. About the Author : JAMES TRESILIAN is Professor of Psychology at Warwick University.

Sensorimotor control and learning : an introduction to the ... Sensorimotor Control and Learning Lab; People profiles; Sean Meehan, PhD. Assistant Professor. Professor Meehan's research interests focus on: 1)

how the brain extracts sensory inputs about the body and environment to guide skilled motor behaviour, 2) how this processes changes with skill acquisition and 3) how cognitive factors, such as the ...

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Human sensorimotor learning is comprised of several component processes. Adaptation is updating of internal model based on sensory prediction errors. Skill learning is improvement in a controller through trial-error reinforcement. Use-dependent plasticity is induced by movement repetition and induces biases. Explicit and implicit processes

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