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James Lee · Keane Wheeler ·
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Wearable Sensors in Sport

A Practical Guide to Usage
and Implementation

 Springer

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Preface

This book is intended to bridge a gap between technical research and the widespread adoption of inertial sensors in biomechanical assessment and ambulatory studies of locomotion. Its purpose is to provide a “no-nonsense” guide to using inertial sensors for those from the sports science disciplines who may be unfamiliar with the terms, concepts and approaches that lead to successful usage. Similarly, for those from a technical discipline such as engineering, it introduces the methodologies from sports science that can provide a window into the usage of sensors in a practical environment that extends well beyond bench-testing.

This book draws upon a combined total of over 40 years experience in the development and usage of wearable sensors in sports science and scientific application to sport.

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