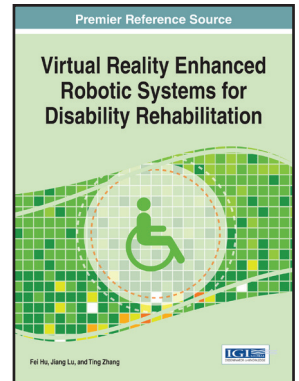


# Virtual Reality Enhanced Robotic Systems for Disability Rehabilitation

Part of the Advances in Medical Technologies and Clinical Practice (AMTCP) Book Series

Fei Hu (University of Alabama, USA), Jiang Lu (University of Alabama, USA)  
and Ting Zhang (University of Alabama, USA)



## Description:

The study of technology and its implications in the medical field has become an increasingly crucial area of research. By integrating technological innovations into clinical practices, patients can receive improved diagnoses and treatments, as well as faster and safer recoveries.

**Virtual Reality Enhanced Robotic Systems for Disability Rehabilitation** is an authoritative reference source for the latest scholarly research on the use of computer-assisted rehabilitation methods for disabled patients. Highlights the application of robots, sensors, and virtual environments.

## Readers:

This book is ideally designed for graduate students, engineers, technicians, and company administrators interested in the incorporation of auto-training methods in patient recovery.

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## Topics Covered:

- Acquired Brain Injury
- Augmented Reality
- Biofeedback
- Game-Based Treatment
- Hand-Assist Technologies
- Mobile Robots
- Neuro-Patient Monitoring

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