



2011, XVII, 291 p.

Printed book

Hardcover

159,99 € | £139.99 | \$199.99

^[1]171,19 € (D) | 175,99 € (A) | CHF 189,00

Softcover

149,52 € | £109.99 | \$169.99

^[1]159,99 € (D) | 164,47 € (A) | CHF 176,50

eBook

117,69 € | £87.50 | \$129.00

^[2]117,69 € (D) | 117,69 € (A) | CHF 141,00

Available from your library or
springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Sheryl Brahmam, Lakhmi C Jain (Eds.)

Advanced Computational Intelligence Paradigms in Healthcare 6

Virtual Reality in Psychotherapy, Rehabilitation, and Assessment

Series: Studies in Computational Intelligence

- Recent research on Virtual Reality in Psychotherapy, Rehabilitation, and Assessment
- Presents Computational Intelligence Paradigms in Healthcare
- Written by leading experts in the field

This volume presents the latest research in Virtual Reality (VR), as it is being applied in psychotherapy, rehabilitation, and the analysis of behaviour for neurological assessment. This book will be of value to anyone already in the field and to those who are interested in the development of VR systems for therapeutic purposes. The contents include:

- The latest literature reviews on VR in psychotherapy, psychological wellbeing, and rehabilitation
- VR and cognitive behavior therapy
- Increasing presence in VR for effective exposure therapy and treatment of anxiety disorders
- VR military training for managing combat stress and preventing post traumatic stress
- VR, mixed reality systems, and games for stroke rehabilitation
- VR systems for improving vision in children with amblyopia
- Therapeutic play in virtual environments
- Healing potential of online virtual worlds such as Second Life
- Neuropsychological assessment using virtual environments
- Detailed accounts on how VR systems are designed, implemented, and best evaluated
- Discussions of limitations, problems, and ethical concerns using VR in mental and physical therapy

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

