

## Powered Wheelchair Controller Using Hybrid Bio-Signals



Filesize: 7.65 MB

### ***Reviews***

*It is one of my personal favorite ebooks. It is probably the most awesome publication I have read through. You won't really feel monotony at anytime of the time (that's what catalogs are for regarding in the event you check with me).*

***(Juliet Kertmann)***

## POWERED WHEELCHAIR CONTROLLER USING HYBRID BIO-SIGNALS

[DOWNLOAD](#)

Grin Verlag Mrz 2013, 2013. Taschenbuch. Book Condition: Neu. 210x148x4 mm. This item is printed on demand - Print on Demand Titel. Neuware - Master's Thesis from the year 2010 in the subject Engineering - Robotics, grade: 70, University of Essex, course: Embedded Systems - Robotics - Human Machine Interaction, language: English, abstract: The idea of using a powered wheelchair, for people with mobility limitation and the elderly has been around for quite a while. Most of these wheelchairs require the use of upper limbs to control them. On the contrary, this project aims to help quadriplegic individuals to use their wheelchair with minimum human assistance. It involves the use of Bio-signals mainly EMG EOG and EEG to control the intelligent wheelchair using Artificial Neural Network and Sensor Fusion technology. The setup can also be use for below the neck paralyzed or elderly people with less upper arm strength. It s a new approach towards wheelchair control which is non-invasive, discrete and functional. This document gives details of the human-machine interface, the technical equipment, functionality, evaluation and implementation of the system. 68 pp. Englisch.

[Read Powered Wheelchair Controller Using Hybrid Bio-Signals Online](#)[Download PDF Powered Wheelchair Controller Using Hybrid Bio-Signals](#)

## You May Also Like



### **Psychologisches Testverfahren**

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Download eBook »](#)



### **Programming in D**

Ali Cehreliz 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Download eBook »](#)



### **Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Grand New Blue Shoes (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK's best-selling home reading series. It...

[Download eBook »](#)



### **Adobe InDesign CS/Cs2 Breakthroughs**

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and...

[Download eBook »](#)



### **Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)**

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Sarah's New World: The Mayflower Adventure 1620 by Colleen L. Reece. Sisters in Time Series book 1. Christian stories for...

[Download eBook »](#)



---

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 144 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Read ePub »](#)



---

**Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: Win a Nut! (Hardback)**

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Alex Brychta (illustrator). 176 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling

[Read ePub »](#)



---

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: The Sing Song (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 176 x 150 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Read ePub »](#)



---

**I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book (Paperback)**

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy

[Read ePub »](#)



---

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: Cat in a Bag (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Read ePub »](#)