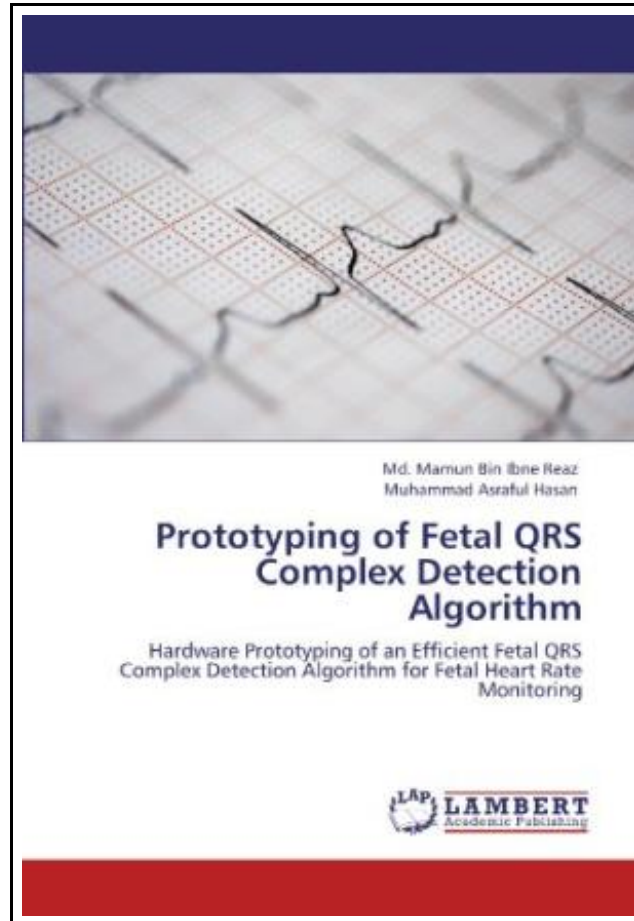


Prototyping of Fetal QRS Complex Detection Algorithm



Filesize: 7.15 MB

Reviews

*This is an amazing publication that I have actually read through. It really is rally exciting throgh reading through time period. You may like just how the blogger publish this book.
(Lucienne Barton)*

PROTOTYPING OF FETAL QRS COMPLEX DETECTION ALGORITHM

DOWNLOAD



LAP Lambert Academic Publishing Jan 2012, 2012. Taschenbuch. Condition: Neu. Neuware - Fetal Electrocardiogram (FECG) signal contains potentially precise information that could assist clinicians in making more appropriate and timely decisions during labor. A Back-propagation Neural Network and Adaptive Linear Neural Network have been designed to extract the FECG from the abdominal ECG to assess the fetus during the pregnancy and labor. The neural network was trained to recognize the normal waveform and filtered out the unnecessary artifacts including noises in the ECG signal, including power line interference, motion artifacts, baseline drift, ECG amplitude modulation with respiration and other composite noises. The performance of the designed algorithm for FHR extraction is 93.75%. The algorithm has been modeled using VHDL for hardware modeling of FHR monitoring system, which has been synthesized and fitted into Altera s Stratix II EP2S15F484C3 using the Quartus II version 7.2 Web Edition where the logic and DSP block utilization were 89% and 50% respectively. This research will open up a passage to biomedical researchers and physicians to advocate an excellent understanding of FECG signal and its analysis procedures for FHR monitoring system. 108 pp. Englisch.



[Read Prototyping of Fetal QRS Complex Detection Algorithm Online](#)



[Download PDF Prototyping of Fetal QRS Complex Detection Algorithm](#)

Relevant Books



All the Reasons Why I'm Going to Hell

Createspace Independent Publishing Platform, 2017. PAP. Condition: New. New Book. Delivered from our US warehouse in 10 to 14 business days. THIS BOOK IS PRINTED ON DEMAND. Established seller since 2000.

[Save Document »](#)



Crush i: Why Now is the Time to Cash in on your Passion

Paperback. Condition: New. This is an International Edition Brand New Paperback Same Title Author and Edition as listed. ISBN and Cover design differs. Similar Contents as U.S version. Delivery within 3-7 business days. We can...

[Save Document »](#)



Developing Sustainable Supply Chains to Drive Value, Volume I: Management Issues, Insights, Concepts, and Tools- Foundations

Business Expert Press. Paperback. Condition: New. 206 pages. Dimensions: 9.0in. x 6.0in. x 0.4in. This book provides a multi-perspective approach to sustainability and value chains to allow understanding from a variety of disciplines and professional backgrounds....

[Save Document »](#)



A First Course in Statistics for Signal Analysis

Springer-Verlag Gmbh Okt 2010, 2010. Taschenbuch. Condition: Neu. Neuware - This self-contained and user-friendly textbook is designed for a first, one-semester course in statistical signal analysis for a broad audience of students in engineering and...

[Save Document »](#)



Neural Networks Control Systems with MATLAB. Radial Basis and Lvq Neural Network (Paperback)

Createspace Independent Publishing Platform, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Neural networks have been applied successfully in the identification and control of dynamic systems. The universal approximation...

[Save Document »](#)

**Analytical Modelling of Rail Defects and Its Applications to Rail Defect Management (Paperback)**

Createspace, United States, 2014. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.This report is the third in a three-part series describing the technical contributions of the Federal Railroad Administration

[Read eBook »](#)

**200 Sudoku Challenges - Very Hard - Volume 7: Testing Your Brain to Keep You Young**

Createspace Independent Publishing Platform, 2016. PAP. Condition: New. New Book. Delivered from our US warehouse in 10 to 14 business days. THIS BOOK IS PRINTED ON DEMAND.Established seller since 2000.

[Read eBook »](#)

**Studyguide for Clinical Companion to Medical-Surgical Nursing by Lewis, Sharon L., ISBN 9780323036894**

Cram101, 2011. PAP. Condition: New. New Book. Shipped from US within 10 to 14 business days. THIS BOOK IS PRINTED ON DEMAND. Established seller since 2000.

[Read eBook »](#)

**Spartan Up!: A Take-No-Prisoners Guide to Overcoming Obstacles and Achieving Peak Performance in Life (Paperback)**

Mariner Books, United States, 2016. Paperback. Condition: New. Reprint. Language: English . Brand New Book. A must read for anyone looking to take his performance to the next level, be it in athletics or in

[Read eBook »](#)

**Studyguide for Assessment Procedures for Counselors and Helping Professionals by Drummond, Robert J., ISBN 9780131707849**

Cram101, 2011. PAP. Condition: New. New Book. Delivered from our UK warehouse in 4 to 14 business days. THIS BOOK IS PRINTED ON DEMAND. Established seller since 2000.

[Read eBook »](#)