

# earthat/MATLAB-code- for-LEACH-optimization...



This MATLAB code improves the LEACH protocol for energy consumption minimization in WSN.

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# Matlab Source Code Leach Wsn

**Vasilios Katsikis**



### **Matlab Source Code Leach Wsn:**

*Energy-Efficient Wireless Sensor Networks* Vidushi Sharma, Anuradha Pughat, 2017-07-28 The advances in low power electronic devices integrated with wireless communication capabilities are one of recent areas of research in the field of Wireless Sensor Networks WSNs One of the major challenges in WSNs is uniform and least energy dissipation while increasing the lifetime of the network This is the first book that introduces the energy efficient wireless sensor network techniques and protocols The text covers the theoretical as well as the practical requirements to conduct and trigger new experiments and project ideas The advanced techniques will help in industrial problem solving for energy hungry wireless sensor network applications

**MATLAB** Vasilios Katsikis, 2012-09-26 This excellent book represents the second part of three volumes regarding MATLAB based applications in almost every branch of science The present textbook contains a collection of 13 exceptional articles In particular the book consists of three sections the first one is devoted to electronic engineering and computer science the second is devoted to MATLAB SIMULINK as a tool for engineering applications the third one is about Telecommunication and communication systems and the last one discusses MATLAB toolboxes

**Bulletin of Electrical Engineering and Informatics** Tole Sutikno, Moch Facta, Auzani Jidin, 2014-06-01 Bulletin of Electrical Engineering and Informatics Buletin Teknik Elektro dan Informatika ISSN 2089 3191 e ISSN 2302 9285 is open to submission from scholars and experts in the wide areas of electrical electronics instrumentation control telecommunication and computer engineering from the global world The journal publishes original papers in the field of electrical electronics instrumentation control telecommunication computer and informatics engineering Vol 3 No 2 June 2014 Table of Contents Predictions on the Development Dimensions of Provincial Tourism Discipline Based on the Artificial Neural Network BP Model PDF Yang Yang Jun Hu Mu Zhang 69 76 Study on the Rough set based Clustering Algorithm for Sensor Networks PDF Fengmei Liang Liyuan Zhang Peng Sun 77 90 Varying Vector Pulse Width Modulation for Three Phase Inverter PDF Raju J Kowsalya M 91 100 Optimal Determination of Size and Site of DGs in Mesh System Using PSO PDF Mohammad Salehi Male Adel Akbari Majd Ramtin Rasouli Nezhad 101 108 Voltage Sag Mitigation and Load Reactive Power Compensation by UPQC PDF P Ajitha D Jananisri 109 112 A Power Quality Improvement for Microgrid Inverter Operated In Grid Connected and Grid Disconnected Modes PDF M Tamil Selvi D G unapriya 113 118 Harmonic Reduction in Variable Frequency Drives Using Active Power Filter PDF M Tamilvani K Nithya M Srinivasan S U Prabha 119 126 Sampled Reference Frame Algorithm Based on Space Vector Pulse Width Modulation for Five Level Cascaded H Bridge Inverter PDF Gomathi C Navya Nagath Veerakumar S 127 140 Subthreshold Dual Mode Logic PDF J Nageswara Reddy T Sathyanarayana M A Khadar Baba 141 148

**Artificial Intelligence Doctoral Symposium** Habiba Drias, Farouk Yalaoui, Allel Hadjali, 2023-07-14 This volume constitutes selected papers presented during the 5th Artificial Intelligence Doctoral Symposium AID 2022 held in Algiers Algeria in September 2022 The 22 presented full papers were thoroughly reviewed and selected from the 38 qualified

submissions They are organized in the following topical sections data mining metaheuristics and swarm intelligence computer vision Artificial Intelligence applications machine and deep learning NLP and text mining

**Challenges and Opportunity with Big Data** Lin Zhang,Lei Ren,Fabrice Kordon,2017-08-03 This book presents the thoroughly refereed and revised post workshop proceedings of the 19th Monterey Workshop held in Beijing China in October 2016 The workshop explored the challenges associated with the Development Operation and Management of Large Scale complex IT Systems The 18 revised full papers presented were significantly extended and improved by the insights gained from the productive and lively discussions at the workshop and the feedback from the post workshop peer reviews 2016 marks the 23rd anniversary for the Monterey Workshop series which started in 1993 For nearly a quarter of century the Monterey Workshops have established themselves as an important international forum to foster among academia industry and government agencies discussion and exchange of ideas research results and experience in developing software intensive systems and have significantly advanced the field The community of the workshop participants has grown to become an influential source of ideas and innovations and its impact on the knowledge economy has been felt worldwide

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