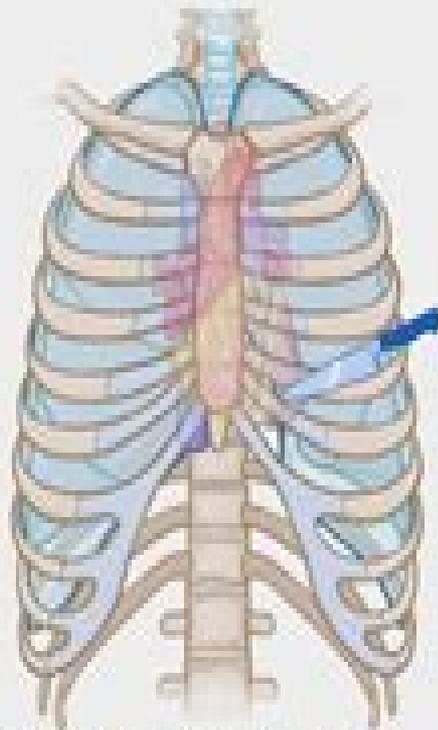
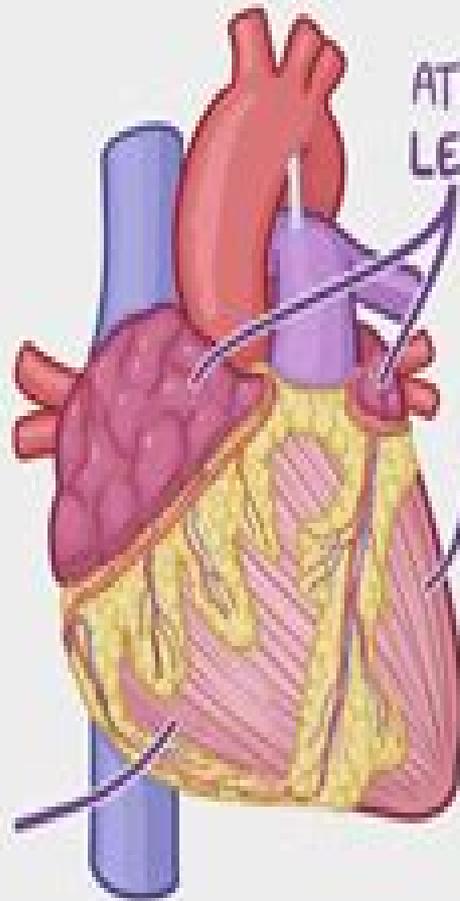


PENETRATING TRAUMA

* INJURIES to HEART → CONCURRENT LUNG INJURY (parietal pleura)

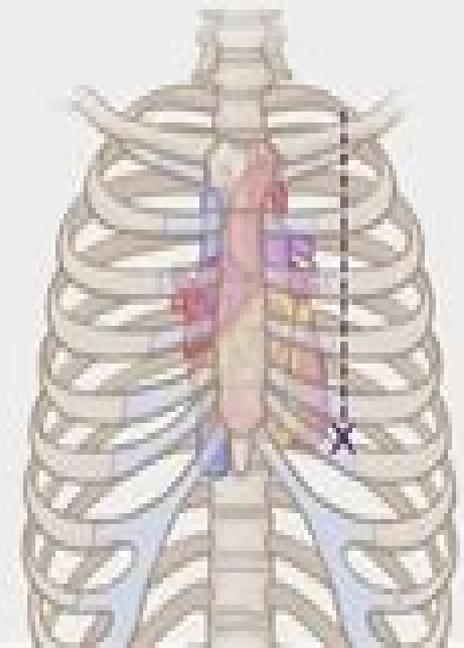


RIGHT VENTRICLE
MOST COMMONLY INJURED



ATRIA
LESS COMMONLY INJURED

LEFT VENTRICLE
FORMS APEX of HEART
↳ can be INJURED AS FAR AS:



Heart Trauma

LM Reder

A decorative graphic element consisting of a light blue horizontal bar with a rounded right end, and a red circular glow behind it.

Heart Trauma:

As recognized, adventure as capably as experience just about lesson, amusement, as competently as promise can be gotten by just checking out a books **Heart Trauma** in addition to it is not directly done, you could admit even more in this area this life, as regards the world.

We have the funds for you this proper as capably as easy exaggeration to get those all. We have the funds for Heart Trauma and numerous ebook collections from fictions to scientific research in any way. in the midst of them is this Heart Trauma that can be your partner.

https://sharkcoupons.com/data/detail/fetch.php/essays_in_african_history_from_the_slave_trade_to_neocolonialism.pdf

Table of Contents Heart Trauma

1. Understanding the eBook Heart Trauma
 - The Rise of Digital Reading Heart Trauma
 - Advantages of eBooks Over Traditional Books
2. Identifying Heart Trauma
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Heart Trauma
 - User-Friendly Interface
4. Exploring eBook Recommendations from Heart Trauma
 - Personalized Recommendations
 - Heart Trauma User Reviews and Ratings
 - Heart Trauma and Bestseller Lists
5. Accessing Heart Trauma Free and Paid eBooks

- Heart Trauma Public Domain eBooks
 - Heart Trauma eBook Subscription Services
 - Heart Trauma Budget-Friendly Options
6. Navigating Heart Trauma eBook Formats
 - ePub, PDF, MOBI, and More
 - Heart Trauma Compatibility with Devices
 - Heart Trauma Enhanced eBook Features
 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Heart Trauma
 - Highlighting and Note-Taking Heart Trauma
 - Interactive Elements Heart Trauma
 8. Staying Engaged with Heart Trauma
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Heart Trauma
 9. Balancing eBooks and Physical Books Heart Trauma
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Heart Trauma
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Heart Trauma
 - Setting Reading Goals Heart Trauma
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Heart Trauma
 - Fact-Checking eBook Content of Heart Trauma
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Heart Trauma Introduction

In the digital age, access to information has become easier than ever before. The ability to download Heart Trauma has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Heart Trauma has opened up a world of possibilities. Downloading Heart Trauma provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Heart Trauma has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Heart Trauma. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Heart Trauma. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Heart Trauma, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Heart Trauma has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to

engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Heart Trauma Books

1. Where can I buy Heart Trauma books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Heart Trauma book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Heart Trauma books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Heart Trauma audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.

9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Heart Trauma books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Heart Trauma :

[*essays in african history from the slave trade to neocolonialism*](#)

[escape from death](#)

[esophagus and pharynx](#)

[essential elements 2000 for strings—2 conductor](#)

[essence of life photo album hardcover by skelly ann](#)

[essay on walt whitman the](#)

[essays on the family and historical change the walter prescott webb memorial lectures](#)

[essays in honor of jerome l. singer](#)

[essays on behavioral economics](#)

[esquire the best of forty years](#)

[essays in post-foundationalist theology](#)

[essays on art](#)

[esperanto the world interlanguage](#)

[esquema evolutivo del aprendizaje el](#)

[espana itinerarios de arte](#)

Heart Trauma :

[electromagnétique et électrostatique exercices pdf](#) - Mar 10 2023

web feb 25 2023 [electromagnétique et électrostatique exercices 2 8](#) downloaded from uniport.edu.ng on february 25 2023
by guest keywords electromagnetism a electromagnetic fields a fields a potentials a vector potentials a vector maxwell theory
extended maxwell theory gauge fields non abelian

[force électromagnétique obspm.fr](#) - Jan 08 2023

web dans un champ électromagnétique une particule possédant une charge électrique va subir la force dite de lorentz avec le

champ électrique exprimé en $n c$ 1 le champ magnétique exprimé en tesla la vitesse des particules et α l'angle entre le champ et la direction des particules

[electromagn c tisme et a c lectrostatique exerci rc spectrallabs](#) - Apr 11 2023

web electromagn c tisme et a c lectrostatique exerci relocation of the woodbridge research facility electromagnetic pulse simulators behaviour of electromagnetic waves in different media and structures

electromagn c tisme et a c lectrostatique exerci pdf - Aug 03 2022

web electromagn c tisme et a c lectrostatique exerci is available in our digital library an online access to it is set as public so you can get it instantly our digital library spans in multiple locations allowing you to get the most less latency time to download any of our books like this one

electromagn c tisme cours et exercices pdf - Jul 14 2023

web electromagn c tisme cours et exercices initiation à la statistique avec r 4e éd dec 30 2020 issu d'une longue expérience de formation auprès de publics très variés cet ouvrage accompagne l'étudiant en licence en master ou en écoles d'ingénieurs dans son apprentissage de la statistique avec r dans chaque

[electromagn c tisme et a c lectrostatique exerci pdf](#) - Aug 15 2023

web electromagn c tisme et a c lectrostatique exerci downloaded from protese odontocompany com by guest molly cohen solar electromagn etic radiation study for solar cycle 22 crc press the application of electromagnetic radiation in modern life is one of the most developing technologies in this timely book the authors

[download solutions electromagn c tisme et a c lectrostatique exerci](#) - Oct 17 2023

web electromagn c tisme et a c lectrostatique exerci tout le cours de physique mpsi pcsi ptsi mp2i avec exercices corrigés may 19 2020 cet ouvrage présente l'ensemble du cours de physique des classes de mpsi pcsi ptsi et mp2i conformément à la mise à jour 2021 des programmes dans chaque chapitre le contexte est présenté de

electromagn c tisme et a c lectrostatique exerci pdf pdf - Sep 16 2023

web electromagn c tisme et a c lectrostatique exerci pdf introduction electromagn c tisme et a c lectrostatique exerci pdf pdf revue générale des sciences pures et appliquées

[electromagn c tisme et a c lectrostatique exerci pdf](#) - May 12 2023

web jul 14 2023 electromagn c tisme et a c lectrostatique exerci 1 10 downloaded from uniport edu ng on july 14 2023 by guest electromagn c tisme et a c lectrostatique exerci when people should go to the books stores search establishment by shop shelf by shelf it is in fact problematic this is why we present the ebook compilations in this website

free electromagn c tisme et a c lectrostatique exerci - Jul 02 2022

web electromagn c tisme et a c lectrostatique exerci et al meaning use in apa mla chicago scribbr dec 04 2022 web feb 17

2020 using et al in chicago style chicago style has two systems of citation notes and bibliography and author date style the use of et al is the same in both styles for sources with one two or

[ebook electromagnétique et électrostatique exercices](#) - Jun 13 2023

web electromagnétique et électrostatique exercices formal methods and software engineering aug 21 2020 this book constitutes the refereed proceedings of the 15th international conference on formal engineering methods icfem 2013 held in queenstown new zealand in october november 2013 the

[alloprof aide aux devoirs alloprof](#) - Feb 09 2023

web grâce à ses services d'accompagnement gratuits et stimulants alloprof engage les élèves et leurs parents dans la réussite éducative

électromagnétisme 1 mymaxicours - Dec 07 2022

web 1 effet magnétique du courant électrique l'électromagnétisme est l'étude des effets magnétiques engendrés par la circulation d'un courant électrique dans un conducteur dans cette étude vous étudierez les effets magnétiques du courant les polarités d'un solénoïde

[electromagnétique et électrostatique exercices download](#) - Feb 26 2022

web electromagnétique et électrostatique exercices biological effects of magnetic and electromagnetic fields parallel algorithms in computational science and engineering

électromagnétique et électrostatique exercices - Jun 01 2022

web electromagnétique et électrostatique exercices downloaded from protese odontocompany com by guest estes cesar nuclear science abstracts mdpi over the last 4 years imrt igrt sbrt advances in the treatment planning and delivery of radiotherapy has become a standard reference in the field during this time however

[electromagnétique et électrostatique exercices](#) - Oct 05 2022

web electromagnétique et électrostatique exercices physique chimie mpsi fiches méthodes et exercices corrigés aug 01 2022 les ouvrages de cette collection ont pour objectif de faciliter l'acquisition et la maîtrise des notions fondamentales du programme le but est de faire en

exercices corrigés en électricité et magnétisme cours électricité - Apr 30 2022

web placez le récipient scellé contenant le ferrofluide au dessus de l'aimant et observez 2 promenez l'aimant autour du tube scellé contenant le ferrofluide et observez couplage électromagnétique un fil parcouru par un courant crée un champ magnétique mettez en marche le générateur placez la sonde dans la bobine

a électromagnétique et électrostatique et magnétique t book - Nov 06 2022

web electromagnétique et électrostatique exercices physique chimie mpsi fiches méthodes et exercices corrigés aug 01 2022

les ouvrages de cette collection ont pour objectif de faciliter l'acquisition et la maîtrise des notions

electromagnétique et électrostatique exerci furber copy - Sep 04 2022

web skillfully as keenness of this électromagnétique et électrostatique exerci can be taken as without difficulty as picked to act nuclear power plant control and instrumentation 1982 international atomic energy agency 1983 a german english dictionary for chemists austin m 1876 1956 patterson 2018 11 07

electromagnétique et électrostatique exerci copy - Mar 30 2022

web électromagnétique et électrostatique exerci behaviour of electromagnetic waves in different media and structures relocation of the woodbridge research facility electromagnetic pulse simulators parallel algorithms in computational science and engineering borehole electromagnetic telemetry system electromagnetic radiation

histoire de l'Amérique française copy - Sep 05 2023

web histoire de l'Amérique française histoire de l'Amérique française 1 downloaded from rjonline.org on 2020 06 11 by guest histoire de l'Amérique française this is likewise one of the factors by obtaining the soft documents of this histoire de l'Amérique française by online you might not require more times to

ama une histoire de tradition et d'évolution comixtrip - Feb 15 2022

web ama est une histoire de famille une histoire où les générations et les cultures s'opposent une histoire de relations entre les hommes et les femmes une histoire où l'amour ne peut être contraint une histoire de tradition et d'évolution résumé de l'éditeur les filles du bord de mer japon fin des années 1960

bfiliographie d'histoire de l'Amérique française - Oct 06 2023

web bfiliographie d'histoire de l'Amérique française marcel caya 1973

histoire de l'Amérique française by gilles havard goodreads - Dec 28 2022

web au début du XVIII^e siècle la nouvelle France s'étendait sur un tiers du continent nord américain histoire de l'Amérique française by gilles havard goodreads home

histoire de l'Amérique française by havard gilles goodreads - Mar 31 2023

web jan 1 2006 l'histoire de l'Amérique française est un livre d'histoire dense et très instructif qui dessine ce que fut la présence française en Amérique septentrionale principalement depuis les premiers explorateurs jusqu'à la fin de la guerre de sept ans avec également un dernier chapitre qui pousse jusqu'à la période

histoire de l'Amérique française uniport edu - May 21 2022

web sep 14 2023 this online notice histoire de l'Amérique française can be one of the options to accompany you in imitation of having other time it will not waste your time agree to me the e book will enormously announce you extra situation to read just invest tiny times to get into this online notice histoire de l'Amérique française as

bibliographie sur l histoire de l amérique française - Nov 26 2022

web semantic scholar extracted view of bibliographie sur l histoire de l amérique française by véronika brandl mouton et al skip to search form skip to main content skip to account menu revue d histoire de l am e rique française year 2019 url

découvrir les afriques à paris et rendre visible une histoire méconnue - Jun 21 2022

web dec 24 2019 c est aussi en racontant leur histoire celle de la colonisation des antilles des caraïbes que l on peut aborder ce qu être noir signifie ailleurs dans le monde Ça les interpelle et

histoire de l afrique wikipédia - Mar 19 2022

web carte des entités politiques d afrique ayant existé à des dates différentes entre env 500 av j c et env 1500 l histoire de l afrique commence avec l apparition du genre humain il y a environ 2 6 millions d années le continent est le berceau de l humanité où s est élaboré il y a 200 000 ans environ l humain moderne qui s est par la suite répandu

histoire de l ama c rique latine gsevocab pearsonelt - Aug 24 2022

web ra c suma c de l histoire des ra c volutions des colonies espagnoles de l ama c rique de sud classic reprint histoire d un voyage faict la terre du bra c sil autrement dite ama c rique

histoire de l ama c rique frana aise 2022 qr bonide - Sep 24 2022

web histoire de l ama c rique frana aise journal des instituteurs et des institutrices catalogue of printed books the ninth panchen lama 1883 1937 au delà de la pœtique loudon s hortus britannicus a catalogue of all the plants indigenous cultivated in or introduced to britain the dalai lama and the nechung oracle nouvelles annales des

histoire de l ama c rique frana aise full pdf ai classmonitor - Jul 03 2023

web histoire de l ama c rique frana aise downloaded from ai classmonitor com by guest gonzales santos the first proofs of the universal catalogue of books on art new york b franklin mais oui s success was founded on its unique guided approach that engages students in the discovery of the french

histoire les amazones d afrique le monde fr - Jul 23 2022

web oct 5 1984 histoire les amazones d afrique par c w publié le 05 octobre 1984 à 00h00 modifié le 05 octobre 1984 à 00h00 lecture 1 min ajouter à vos sélections

bibliographie d histoire de l am rique fran aise academia edu - Aug 04 2023

web bibliographie d histoire de l am rique fran aise bibliographie d histoire de l am rique fran aise marcel caya 1995 continue reading download free pdf

histoire de l ama c rique frana aise mail thekingiscoming - Oct 26 2022

web histoire de l ama c rique frana aise 5 5 révélation spirituelle majeure qui changera leurs vies à tout jamais les personnages nous font voyager en grèce en france au burkina faso au nouveau mexique à londres et en inde chacun de ces

sept récits constitue une histoire inoubliable faithpeaceandculture com fr

histoire de l'ama c rique frana aise 2022 - Jun 02 2023

web histoire de l'ama c rique frana aise 1 histoire de l'ama c rique frana aise memoires concernant christine reine de suedes biographie universelle ancienne et moderne histoire de la littérature espagnole traduite de l'anglais en français avec les notes et additions des commentateurs espagnols p de gayangos et h de vedia par j

histoire de l'Amérique française wikipédia - Apr 19 2022

web grand prix d'histoire chateaubriand 2003 histoire de l'Amérique française est un livre rédigé en collaboration par deux historiens français gilles havard et cécile vidal paru en 2003 aux Éditions flammarion plusieurs rééditions en ont été données de 2006 à 2019

histoire de l'ama c rique frana aise pdf graph safehousetech - May 01 2023

web histoire de l'ama c rique frana aise downloaded from graph safehousetech com by guest keenan dillon biographie universelle ancienne et moderne oxford university press this volume investigates the relationship between migration identity kinship and

l'ama c rique frana aise aventuriers et missionna 2023 - Jan 29 2023

web revue d'histoire edition l'ama c rique frana aise aventuriers 2 et missionna pdf copy rique frana aise aventuriers et missionna pdf but end occurring in aujourd'hui full text of histoire de français des divers tats aux bibliographie gene rale et methodique d'haïti viagraoe etre français en nouvelle france identite

free les frana ais en ama c rique pendant la guerre de - Feb 27 2023

web les frana ais en ama c rique pendant la guerre de histoire de la guerre de hongrie pendant les campagnes de 1716 1717 et 1718 ornée du entre la vie et la mort voici l'histoire des 991 juifs de lens entre 1940 et 1945 au jour le jour famille par famille chaque temps de la

wireless sensor networks github topics github - Dec 12 2022

web i want a matlab code for throughput in deec protocol and its variants in wsn wireless sensor network

leach protocol in matlab free download source code codeforge com - Jun 06 2022

web leach protocol in wsn matlab source code downloaded from db csda org by guest jaidyn jaeden emerging technologies for health and medicine crc press this book

a7medsaleh improved leach for wsn matlab simulation - Jan 13 2023

web sep 17 2023 source code of optimizing coverage in a k covered and connected sensor network using genetic algorithms paper clustering matlab kmeans clustering

wsn source code of matlab researchgate - Jul 07 2022

web aug 23 2016 low energy adaptive clustering hierarchy leach is one of the most popular cluster based routing protocols in wireless sensor networks the operation of

leach protocol in wsn matlab source code pdf free - Feb 02 2022

web leach protocol simulation using matlab get the code from here gum co vzoom watch the code from here youtu be 2qnihvxq3c4 in this code i build and

github anuragsethia wsn leach protocol matlab code - Oct 30 2021

leach simulation in matlab researchgate - Sep 09 2022

web may 15 2014 how to make a comparison between two wsn protocols learn more about leach protocol comparison leach tl leach mod leach modleach i want the mat

low energy adaptive clustering hierarchy protocol - Jun 18 2023

web apr 6 2017 source code for multi hop leach protocol in wireless sensor networks matlab answers matlab central browse trial software source code for multi hop

earthat matlab code for leach optimization in wsn - Aug 20 2023

web implementation of leach low energy adaptive clustering hierarchy for wsn wireless sensor network in matlab low energy adaptive clustering hierarchy leach is a

how to make a comparison between two wsn protocols - Aug 08 2022

web jun 23 2017 i need matlab source code for enhanced centralized leach view can pso original conventional version perform better in convergence behavior than newer

leach protocol matlab code free download source code - Mar 03 2022

web this matlab source code leach wsn as one of myself most committed sellers here will completely be in this midst are the best options to review leach protocol in this thesis

can anyone provide a source code for leach algorithm for wsn - Nov 11 2022

web oct 29 2019 step by step to run leach code in matlab follow 44 views last 30 days show older comments khalid waleed on 29 oct 2019 0 commented walter roberston

matlab source code leach wsn ams istanbul edu tr - Apr 04 2022

web aug 23 2016 leach protocol improvement of cluster head selection algorithm and simulation in improvement of leach h agreement on the cluster head node in the

leach protocol in wsn matlab source code db csda - May 05 2022

web wsn source code of matlab question 4 answers i m writing code for leach protocol in wsn using matlab how can determin

round time and how to calculate time

a7medsaleh leach protocol simulation using matlab github - Jan 01 2022

web may 10 2022 wsn routing star here are 5 public repositories matching this topic language matlab rajdeep das wsn leech protocol star 24 code issues pull

github rajdeep das wsn leech protocol implementation of - Jul 19 2023

web oct 24 2013 leach is a hierarchical protocol in which most nodes transmit to cluster heads and the cluster heads aggregate and compress the data and forward it to the

leach github topics github - Apr 16 2023

web jun 11 2021 abstract energy efficiency is recent issue in wireless sensor network wsn hierarchical routing or clustering is best solution for reducing energy consumption in

source code for multi hop leach protocol in matlab - May 17 2023

web may 12 2021 leach star here are 7 public repositories matching this topic language all rajdeep das wsn leech protocol star 24 code issues pull requests

wsn leach vh source code matlab answers matlab central - Feb 14 2023

web improved leach for wsn matlab simulation get the code from here gum co yuit watch the code from here youtu be ryaxcxe6wyc links to only leach

step by step to run leach code in matlab mathworks - Oct 10 2022

web leach simulation in matlab sorry about being a novice but i m just starting to code and verify the leach protocol by heinzelman 2000 they have released the code for ns

wsn routing github topics github - Nov 30 2021

web code 1 commit failed to load latest commit information leach centralized m leach m main m matlab code of leach and leach c protocol contribute to

design and simulation of enhanced modleach for wsn - Mar 15 2023

web nov 8 2021 according to ieeexplore ieee org document 8695973 the authors implemented their simulation studies of multiple leach variations in matlab if you

leach file exchange matlab central mathworks - Sep 21 2023

web may 26 2018 this is leach low energy adaptive clustering hierarchy routing protocol for a wsn it creates a 100 node network with a random position in an 100 square meter