

Lab 15: Introduction to ETAP.

Objective: *to become exposed to ETAP – a software complex designed to analyze power systems and their components.*

Equipment: PC with installed ETAP

Introduction:

According to its manufacturer, “ETAP offers a suite of fully integrated Electrical Engineering software solutions including arc flash, load flow, short circuit, transient stability, relay coordination, cable ampacity, optimal power flow, and more. Its modular functionality can be customized to fit the needs of any company, from small to large power systems.”

“Operation Technology, Inc. is the designer and developer of ETAP, the most comprehensive analysis software for the design, simulation, operation, monitoring, control, optimization, and automation of power systems. ETAP is the industry leader used worldwide in all types and sizes of power systems, including generation, transmission, distribution, and industrial systems such as oil and gas, manufacturing, steel, cement, mining, data centers, nuclear facilities, transportation, smart grid solutions, renewable energy, and more. Visit etap.com for more information.”

Experiment:

Preliminary note: Please, do not save any changes to the example files you will be working with during the experiments!

- 1) Start ETAP. Depending on the computer, this operation may take a few minutes. Be patient! Go to the “menu/open” command and select to open “Example ANSI”. Click “Ok” when prompted for user ... and “Ok” for Project Editor. You should see a window similar to one in Figure 16-1:

Etap Power System Engineering Lab Manual

**Thirumalaisamy P.
Velavancorresponding**



Etap Power System Engineering Lab Manual:

Thank you extremely much for downloading **Etap Power System Engineering Lab Manual**. Maybe you have knowledge that, people have look numerous times for their favorite books afterward this Etap Power System Engineering Lab Manual, but end going on in harmful downloads.

Rather than enjoying a good ebook later than a mug of coffee in the afternoon, otherwise they juggled following some harmful virus inside their computer. **Etap Power System Engineering Lab Manual** is handy in our digital library an online permission to it is set as public in view of that you can download it instantly. Our digital library saves in combination countries, allowing you to acquire the most less latency times to download any of our books when this one. Merely said, the Etap Power System Engineering Lab Manual is universally compatible later than any devices to read.

https://staging.conocer.cide.edu/files/book-search/Download_PDFS/glencoe_writers_choice_grammar_and_composition_grade_6_twe_texas_edition_teachers_edition.pdf

Table of Contents Etap Power System Engineering Lab Manual

1. Understanding the eBook Etap Power System Engineering Lab Manual
 - The Rise of Digital Reading Etap Power System Engineering Lab Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Etap Power System Engineering Lab Manual
 - 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 Etap Power System Engineering Lab Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Etap Power System Engineering Lab Manual
 - Personalized Recommendations

- Etap Power System Engineering Lab Manual User Reviews and Ratings
- Etap Power System Engineering Lab Manual and Bestseller Lists
- 5. Accessing Etap Power System Engineering Lab Manual Free and Paid eBooks
 - Etap Power System Engineering Lab Manual Public Domain eBooks
 - Etap Power System Engineering Lab Manual eBook Subscription Services
 - Etap Power System Engineering Lab Manual Budget-Friendly Options
- 6. Navigating Etap Power System Engineering Lab Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Etap Power System Engineering Lab Manual Compatibility with Devices
 - Etap Power System Engineering Lab Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Etap Power System Engineering Lab Manual
 - Highlighting and Note-Taking Etap Power System Engineering Lab Manual
 - Interactive Elements Etap Power System Engineering Lab Manual
- 8. Staying Engaged with Etap Power System Engineering Lab Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Etap Power System Engineering Lab Manual
- 9. Balancing eBooks and Physical Books Etap Power System Engineering Lab Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Etap Power System Engineering Lab Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Etap Power System Engineering Lab Manual
 - Setting Reading Goals Etap Power System Engineering Lab Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Etap Power System Engineering Lab Manual
 - Fact-Checking eBook Content of Etap Power System Engineering Lab Manual

- 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

Etap Power System Engineering Lab Manual Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Etap Power System Engineering Lab Manual free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Etap Power System Engineering Lab Manual free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for

instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Etab Power System Engineering Lab Manual free PDF files is convenient, it's important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but it's essential to be cautious and verify the authenticity of the source before downloading Etab Power System Engineering Lab Manual. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether it's classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Etab Power System Engineering Lab Manual any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Etab Power System Engineering Lab Manual Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Etab Power System Engineering Lab Manual is one of the best book in our library for free trial. We provide copy of Etab Power System Engineering Lab Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Etab Power System Engineering Lab Manual. Where to download Etab Power System Engineering Lab Manual online for free? Are you looking for Etab Power System Engineering Lab Manual PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Etab Power System Engineering Lab Manual. This method for see exactly what may be

included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Etap Power System Engineering Lab Manual are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Etap Power System Engineering Lab Manual. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Etap Power System Engineering Lab Manual To get started finding Etap Power System Engineering Lab Manual, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Etap Power System Engineering Lab Manual So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Etap Power System Engineering Lab Manual. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Etap Power System Engineering Lab Manual, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Etap Power System Engineering Lab Manual is available in our book collection an online access to it is set as public so you can download 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. Merely said, Etap Power System Engineering Lab Manual is universally compatible with any devices to read.

Find Etap Power System Engineering Lab Manual :

glencoe writers choice grammar and composition grade 6 twe texas edition teachers edition

girl talk women on life love and getting what you want

glencoe comprehensive approach series powerpoint 7

~~girl in a cage~~

girl with the windblown bob

glencoe keyboarding with computer applications lessons 1-80 student edition with office 2000 student manual

girls and sex

glencoe algebra 1; integration applications connections; enrichment masters

global city new york london tokyo 2nd edition

give me a break for women who have too much to do

glamorous cars

gitanilla rinconete y cortadillo

glasgow 18851891 vital social and economic statistics of the city

glencoe health care science technology career foundations; lab activity manual

~~girl with the brown crayon~~

Etap Power System Engineering Lab Manual :

new american inside out elementary workbook stage gapinc - Feb 16 2022

web new american inside out elementary student book of 146 146 match case limit results 1 per page new american inside out elementary student book download pdf

new american inside out elementary workbook docero tips - May 22 2022

web jun 4 2014 new american inside out elementary work book download as a pdf or view online for free

new inside out elementary tb 1q7jm4523vqv doku - Nov 27 2022

web sep 16 2021 new inside out elementary student s book new inside out elementary class cd 1 unit 1 unit 6 new inside out elementary class cd 2 unit 7 unit 12

new american inside out elementary student book - Jan 18 2022

web macmillan publishers 2012 english language 72 pages new american inside out features national and international recognition of the original inside out series

levels samples macmillan education - Apr 01 2023

web the american experience back cover new american inside out feb 17 2022 new american inside out builds on the recognized strength and success of american

macmillan - Jan 30 2023

web workbook american inside out evo elementary free download as pdf file pdf or read online for free

new american inside out elementary workbook pdf scribd - Oct 07 2023

web the constant gardener a novel john le carré new american inside out elementary workbook free download as pdf file pdf or view presentation slides online new

new american inside out elementary students pdf - Sep 06 2023

web download view new american inside out elementary students pdf as pdf for free more details pages 146 preview

november 2019 209 new american inside out

new american inside out elementary work book pdf slideshare - Apr 20 2022

web new american inside out features national and international recognition of the original inside out series incorporating all of the original features of the original series such as

workbook new american inside out intermediate pdf scribd - Nov 15 2021

new inside out elementary pdf scribd - May 02 2023

web new inside out elementary free download as pdf file pdf or read online for free

new american inside out workbook elementary answer key - Sep 25 2022

web mar 6 2021 share embed 342079543 new american inside out elementary workbook pdf please copy and paste this embed script to where you want to embed

download new american inside out elementary workbook - Jul 04 2023

web download new american inside out elementary workbook type pdf date december 2019 size 18 4mb author tiago rui góis this document was uploaded by user and

342079543 new american inside out elementary workbook pdf - Aug 25 2022

web new american inside out iintermediate workbook pdf march 2021 pdf bookmark this document was uploaded by user and they confirmed that they have the permission

new american inside out elementary workbook google books - Aug 05 2023

web peter maggs macmillan publishers 2012 english language 72 pages new american inside out builds on the recognized strength and success of american inside out it

new american inside out workbook intermediate google books - Mar 20 2022

web american inside out is a new course for teaching american english to adults and young adults it offers comprehensive language development based on the latest classroom

workbook american inside out evo elementary pdf scribd - Dec 29 2022

web new inside out elementary tb 1q7jm4523vqv doku pub home current explore explore all upload workbook new american inside out intermediate april 2022

new american inside out iintermediate workbook pdf doku - Jul 24 2022

web aug 31 2018 american inside out evolution elementary woorkbook aug 31 2018 38 likes 14 005 views daniela costa

secretária executiva at ministério da educação

new american inside out upper intermediate student s book - Dec 17 2021

web workbook new american inside out intermediate free download as pdf file pdf or read online for free

american inside out evolution elementary woorkbook pdf - Jun 22 2022

web new american inside out elementary workbook 81 pages pdf 18 4 mb american workbook inside elementary uploaded at 2021 10 19 03 20 report dmca this

new inside out macmillan tienganhedu - Oct 27 2022

web new american inside out workbook elementary answer key jorge marquina sandoval see full pdf download pdf see full pdf download pdf workbook elementary

pdf new american inside out elementary workbook - Feb 28 2023

web new inside out student s book with cd rom elementary new american inside out builds on the recognized strength and success of american inside out it combines a

levels samples macmillan education - Jun 03 2023

web new american inside out elementary class audio cd 9789708091589 new american inside out elementary practice online 9780230751330 new american inside out

prentice hall biology workbook answers pg 205 pdf bianchis - Jan 13 2023

web prentice hall biology workbook answers pg 205 evolutionary developmental

prentice hall biology workbook answers pg 205 - Nov 30 2021

prentice hall biology 1st edition textbook solutions chegg - Sep 21 2023

web unlike static pdf prentice hall biology 1st edition solution manuals or printed answer

biology houston independent school district - Jun 06 2022

web prentice hall biology test bank with answer key prentice hall 1986 biology lab

prentice hall biology online textbook help study com - Nov 11 2022

web mar 6 2023 inside their computer prentice hall biology workbook answers pg 205

prentice hall biology workbook answers pg 205 - Oct 30 2021

prentice hall biology workbook answers pg 205 copy - Dec 12 2022

web 8 3 workbook biology answers dnb com prentice hall biology answers to practice

textbook answers gradesaver - May 17 2023

web the prentice hall biology workbook answers pg 205 it is agreed simple then since

prentice hall biology worksheets learny kids - May 05 2022

web prentice hall biology workbook answers pg 205 author tristan winkler from

online library prentice hall biology workbook answers pg 205 - Feb 14 2023

web prentice hall biology workbook answers pg 205 model answers may 01 2021

prentice hall biology workbook answers pg 205 2022 qr bonide - Sep 09 2022

web and have more fun learning this book the all in one study guidefor prentice hall

prentice hall biology taks practice book answer - Apr 16 2023

web jul 25 2023 prentice hall biology workbook answers pg 205 fittingly simple thank

prentice hall biology workbook answers pg 205 pdf - Aug 08 2022

web prentice hall biology displaying top 8 worksheets found for prentice hall biology

prentice hall biology kipdf com - Mar 03 2022

web prentice hall biology workbook answers pg 205 prentice hall biology workbook

prentice hall biology workbook answers pg 205 - Apr 04 2022

web developmental biology its cellular and molecular foundations prentice hall

prentice hall biology workbook answers pg 205 pdf pdf - Jul 07 2022

web prentice hall biology workbook answers pg 205 author aaron bodenstein from

prentice hall biology california 1st edition quizlet - Aug 20 2023

web find step by step solutions and answers to prentice hall biology california

prentice hall biology textbook solutions answers quizlet - Jul 19 2023

web expert q a publisher prentice hall 1 15 of 36 results prentice hall biology

prentice hall biology workbook answers pg 205 pdf - Mar 15 2023

web prentice hall biology workbook answers pg 205 right here we have countless

prentice hall biology free download borrow and - Jun 18 2023

web home textbook answers science biology find textbook answers and solutions

prentice hall biology workbook answers pg 205 2023 - Oct 10 2022

web apr 21 2023 prentice hall biology workbook answers pg 205 pdf eventually you

prentice hall biology books book price comparison at 130 - Jan 01 2022

prentice hall biology workbook answers pg 205 - Feb 02 2022

web prentice hall biology workbook answers pg 205 author tristan winkler from

[ga c ographie ce qu il faut savoir pdf](#) 2023 - Dec 07 2022

web jun 29 2023 its very nearly what you need currently this ga c ographie ce qu il faut savoir pdf as one of the most involved sellers here will completely be accompanied by the best options to review ga c ographie ce qu il faut savoir 2022 it conniespizza web something like the costs its virtually what you craving currently this ga c ographie ce qu

[ga c ographie ce qu il faut savoir pdf pdf voto uneal edu](#) - Jun 13 2023

web such may be the essence of the book ga c ographie ce qu il faut savoir pdf a literary masterpiece that delves deep to the significance of words and their affect our lives written by a renowned author this captivating work takes readers on a transformative journey unraveling the secrets and potential behind every word

[gã â ographie ce qu il faut savoir by alain prost](#) - Feb 09 2023

web gã â ographie ce qu il faut savoir by alain prost préparez vous aux épreuves des concours de la fonction publique développez votre culture géographique à travers des fiches claires et efficaces consolidez vos connaissances sur les principaux problèmes géographiques dans le monde gÂ ographie des cartes rebattre snuipp bac s 2017

[ga c ographie ce qu il faut savoir](#) 2023 - Jan 08 2023

web ga c ographie ce qu il faut savoir saison 2023 2024 ce qu il faut retenir de la première prise de jul 30 2020 1 day ago saison 2023 2024 ce qu il faut retenir de la première prise de parole du mans fc de fabien obric vendredi 30 juin 2023 à 19 57 par france bleu maine tricky verbs devoir falloir how do they differ

[tout ce qu il faut savoir sur les cartes graphiques](#) - Aug 03 2022

web découvrez tout ce qu il faut savoir sur les cartes graphiques sur rue du commerce retrouvez les derniers articles sur tous nos conseils gaming pour bien choisir vos produits la tech pour tous

galactographie examen docteur[cllic com](#) - Oct 05 2022

web définition la galactographie est un examen radiologique indispensable à réaliser quand il y a un écoulement anormal par un seul pore du mamelon sérosité sang on injecte alors un produit de contraste à base d iode il donne une image blanche sur la radiographie par le pore du galactophore concerné c est un canal qui sécrète le

quelle carte graphique choisir guide des meilleures cartes - Apr 30 2022

web une carte graphique d accord on exagère un peu peut être savez vous ce qu est une carte graphique mais peut être aussi que vous ne connaissez pas ce qui la compose voici donc quelques règles à savoir tous les pc n ont pas de carte graphique

ga c ographie ce qu il faut savoir pdf 139 162 214 - Mar 10 2023

web yet situated within the pages of ga c ographie ce qu il faut savoir a captivating literary value pulsing with natural feelings lies a fantastic quest waiting to be undertaken written by an experienced wordsmith this marvelous opus encourages

readers on an introspective trip lightly unraveling the

[comment choisir une carte graphique guide d achat inmac](#) - Jul 02 2022

web examinez le gpu c est à dire le composant principal de la carte graphique dans ce gpu il faut regarder les processeurs de flux plus ils sont importants plus le gpu sera puissant la mémoire doit être adaptée à ce gpu que ce soit en poids et en type

[ga c ographie ce qu il faut savoir full pdf verify meetcircle](#) - Apr 11 2023

web 4 ga c ographie ce qu il faut savoir 2019 12 08 l poque copte world scientific much instrumentatio n has been developed for imaging the trajectories of elementary particles produced in high energy collisions since 1968 gaseous detectors beginning with multiwire chambers and drift chambers have been used for the visualisation of particle

comment savoir quelle carte graphique on a windows mac et - Jun 01 2022

web vous vous demandez quelle carte graphique vous avez sur votre ordinateur À l aide du gestionnaire de périphériques sur windows ou du menu À propos sur mac vous pouvez facilement connaître votre unité de traitement graphique

[géographie ce qu il faut savoir by alain prost](#) - Sep 04 2022

web g ographie db0nus869y26v cloudfront net jeux geographiques n1 des jeux de gographie 150 sujet histoire geo bac 2014 un document sur sujet d g ographie des cartes géographie ce qu il faut savoir by alain prost collge clestin freinet sainte maure de touraine 37 may 2nd 2020 attention il ne faut pas dire deux

comment connaître sa carte graphique modèle mémoire et gpu - Feb 26 2022

web mar 31 2022 l outil de diagnostic directx permet d obtenir beaucoup d informations sur l affichage avec le nom le fabricant gpu et mémoire de la carte graphique sur votre clavier appuyez sur les touches r puis saisissez dxdiag et ok plus de détails comment ouvrir dxdiag cliquez sur affichage

ga c ographie ce qu il faut savoir pdf kelliemay - Dec 27 2021

web nov 10 2022 ga c ographie ce qu il faut savoir 2 5 downloaded from kelliemay com on november 10 2022 by guest where adhesion is necessary for success and durability these include coating and painting repair of concrete surfaces bonding of fresh to old concrete crack injection glueing of precast elements glueing of steel to concrete etc

ga c ographie ce qu il faut savoir pdf download - May 12 2023

web file ga c ographie ce qu il faut savoir book free download pdf at our ebook library this book have some digitalformats such as kindle epub ebook paperback and another formats

[gã â ographie ce qu il faut savoir by alain prost](#) - Jan 28 2022

web gã â ographie ce qu il faut savoir by alain prost gã â ographie ce qu il faut savoir by alain prost préparez vous aux épreuves des concours de la fonction publique développez votre culture géographique à travers des fiches claires et efficaces consolidez vos connaissances sur les principaux problèmes géographiques dans le monde

ga c ographie ce qu il faut savoir pdf download only - Jul 14 2023

web may 13 2023 pdf 2023 web ga c ographie ce qu il faut savoir pdf is available in our digital library an online access to it is set as public so you can download it instantly

ga c ographie ce qu il faut savoir copy edenspace - Nov 06 2022

web ga c ographie ce qu il faut savoir 2 4 downloaded from edenspace com on by guest gregory chaitin in addition we consider concepts and problems central to leibniz s thought and that of the later authors the continuum space identity number the infinite and the infinitely small the projects of a universal language a calculus of logic a

carte graphique vulgarisation informatique com - Mar 30 2022

web jun 27 2007 il faut un processeur bien adapté à la carte vidéo afin d éviter ce genre de piège mais il ne sert à rien d avoir un processeur dernier cri avec une carte graphique d entrée de gamme en utilisation ludique plus la résolution augmente plus le travail de la carte graphique sera important les ports de connexion à la carte mère

ga c ographie ce qu il faut savoir pdf - Aug 15 2023

web ga c ographie ce qu il faut savoir exposé de l exposé de la situation de l empire français et de comptes de finances publiés à paris en février et en mars 1813 aug 11 2021