

Laundry Detergent Liquid Formulation

A Comprehensive Guide for
Industry Insiders



Manual For Detergents Making

Jianjun Gao



Manual For Detergents Making:

Right here, we have countless book **Manual For Detergents Making** and collections to check out. We additionally present variant types and furthermore type of the books to browse. The standard book, fiction, history, novel, scientific research, as with ease as various new sorts of books are readily friendly here.

As this Manual For Detergents Making, it ends occurring physical one of the favored books Manual For Detergents Making collections that we have. This is why you remain in the best website to see the unbelievable books to have.

https://staging.conocer.cide.edu/results/browse/HomePages/Mechanotechnics_N4_August_2008_Question_Paper.pdf

Table of Contents Manual For Detergents Making

1. Understanding the eBook Manual For Detergents Making
 - The Rise of Digital Reading Manual For Detergents Making
 - Advantages of eBooks Over Traditional Books
2. Identifying Manual For Detergents Making
 - 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 Manual For Detergents Making
 - User-Friendly Interface
4. Exploring eBook Recommendations from Manual For Detergents Making
 - Personalized Recommendations
 - Manual For Detergents Making User Reviews and Ratings
 - Manual For Detergents Making and Bestseller Lists
5. Accessing Manual For Detergents Making Free and Paid eBooks
 - Manual For Detergents Making Public Domain eBooks

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

Manual For Detergents Making 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 Manual For Detergents Making 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 Manual For Detergents Making 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 Manual For Detergents Making free PDF files is convenient, its 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 its essential to be

cautious and verify the authenticity of the source before downloading Manual For Detergents Making. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its 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 Manual For Detergents Making any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Manual For Detergents Making Books

1. Where can I buy Manual For Detergents Making 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 Manual For Detergents Making 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 Manual For Detergents Making 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 Manual For Detergents Making 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 Manual For Detergents Making 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 Manual For Detergents Making :

mechanotechnics n4 august 2008 question paper

[medical terminology work answer key 7 edition](#)

[mechanotechnology n3 past exam papers memo november 2011](#)

[medical school graduation invocation prayer examples](#)

[medicare rev codes quick reference guide](#)

[medicenter intra operating manual russian](#)

[meddings drill manual](#)

[medicare claims processing manual chapter 8](#)

[medical procedure code lookup](#)

[medunsa application form 2016](#)

[medical school diversity essay](#)

medical device iso manual

~~meditech training manual and competency check list~~

~~meeting in the rain gay werewolf shifter mates english edition~~

~~medicaid income guidelines nyc~~

Manual For Detergents Making :

[20 pipefitter interview questions answers - Dec 16 2022](#)

web sep 19 2016 to help you prepare for your pipefitter interview here are 20 interview questions and answer examples

pipefitter was updated by rachel enns on september 19th 2016 learn more here question 1 of 20 when did you become interested in pipe fitting how to answer answer example community answers

17 pipefitter apprentice interview questions and answers - Jun 10 2022

web jul 19 2022 17 pipefitter apprentice interview questions and answers learn what skills and qualities interviewers are looking for from a pipefitter apprentice what questions you can expect and how you should go about answering them interview insights published jul

pipefitter test passing the pipefitter test us and canada - Jan 05 2022

web yes if you are wanting to land an apprenticeship and advance your career in the pipefitting industry you will be required to pass the pipefitter test fortunately studying for this test is as easy as using the prep material on jobassessmenthelp.com how many questions are on the pipefitter test the number of questions on the pipefitter exam

question paper pipefitter youtube - Jan 17 2023

web mar 7 2018 question paper pipefitter pipingweldingnondestructiveexamination ndt 62 1k subscribers 60k views 5 years ago question paper pipefitter piping welding non destructive examination ndt common

top 15 pipefitter interview questions and answers cvblade - Feb 06 2022

web top 15 pipefitter interview questions and answers 1 can you tell us about your experience in pipefitting this question allows the interviewer to gauge your knowledge and expertise in pipefitting it is important to highlight any relevant training or certifications you have received as well as any professional experiences you have had in

pipe fitter test flashcards quizlet - Jun 22 2023

web what is the boiling point of water 212 f what is 3 1416 pi what is the circumference of a 15 pipe to the nearest tenth 0 47 4 in the hundredths of a foot is 33 what is the take off for a 4 x 3 lr reducing 90 ell 6 on isometric drawings what does rfwn mean raised face weld neck what does the pi in pi 209 stand for pressure indicator

steamfitter pipefitter exambank - Nov 15 2022

web pressure testing pumps 20 questions 5 credits randomized from 549 questions start test section 3 metal fabrication welding safety welding brazing and soldering 20 questions 5 credits randomized from 135 questions start test section 4 drawings and specifications sketching and drawing single line drawing drawing interpretation

pipefitter practice test with answers fill download for free - Mar 07 2022

web pipefitter practice test with answers fill download for free get form download the form how to edit the pipefitter practice test with answers conveniently online start on editing signing and sharing your pipefitter practice test with answers online referring to these easy steps

pipes and pipe fittings mcq quiz objective question with answer - Aug 12 2022

web jun 23 2023 get pipes and pipe fittings multiple choice questions mcq quiz with answers and detailed solutions
download these free pipes and pipe fittings mcq quiz pdf and prepare for your upcoming exams like banking ssc railway upsc
state psc

free pipefitter practice test with questions and answers 2023 - Aug 24 2023

web 1 a canister containing oxygen gas at room temperature 25 c has a pressure gauge attached if we add oxygen gas to the
canister what will the pressure gauge show a pressure increase b pressure decrease c pressure unchanged d

56 pipefitter interview questions with sample answers indeed - Feb 18 2023

web sep 30 2022 interview questions with sample answers here are some pipefitter interview questions along with tips on
how to respond to them and sample answers to help you create your own 1 what are the different types of pipe fittings based
on end connections interviewers may ask this question to assess your basic understanding of

20 pipe fitter interview questions with example answers - Jul 11 2022

web jun 7 2023 20 pipe fitter interview questions with example answers by resumecat editorial team updated june 7 2023 it
s important to prepare for an interview in order to improve your chances of getting the job researching questions beforehand
can help you give better answers during the interview

pipe fitter interview questions betterteam - Sep 13 2022

web top 5 pipe fitter interview questions with detailed tips for both hiring managers and candidates they secure piping to
structures test installed systems and ensure the efficient operation of the pipework the most suitable candidate will have a
proven record of pipe fitting as well as excellent mechanical and troubleshooting skills be

exam prep pipefitter s handbook questions and answers - May 21 2023

web part 1 jimmy joe would like to pump ammonium chloride through 316 stainless steel pipe the use of the pipe for
ammonium chloride up to 140 degrees f is unsatisfactory limited risky at best satisfactory which is not a method for joining
pvc pipe solvent welding push on threading hot welding

what is the pipefitter assessment psychometric success - Oct 14 2022

web mar 29 2023 pipefitter test questions are typically presented in a multiple choice format and will cover a variety of
topics the test is a closed book assessment meaning that you are not allowed to use references or research answers during
the assessment it is designed to assess what you know not how well you can search for an answer

pipefitter aptitude test free guide and practice questions jobtestprep - Jul 23 2023

web the pipefitter pre apprenticeship exam study guides will familiarize you with the exam s subjects while our practice tests
coupled with q a analysis will provide you with the logic behind the correct answers

nccer pipefitter practice test prep guide 2023 assessment - Apr 20 2023

web oct 4 2022 nccer pipefitter test ultimate study guide with practice questions last updated on october 4 2022 are you considering a career as a professional pipefitter then you are in luck we have highlighted everything you need to know about the pipefitter test which will help you land your dream job as a pipefitter

cscs hvarc pipe fitting and welding mock test quiz global - Apr 08 2022

web this mock cscs hvarc pipe fitting and welding industrial commercial pfw practice test contains all questions and answers for 2016 e very single question and answer that may appear in your exam is listed here

nccer pipefitter practice test fill online printable fillable - May 09 2022

web practice answering sample questions or previous test questions to become comfortable with the test format and improve your problem solving skills 07 utilize any available study aids or resources provided such as practice exams

pipefitter nccer v4 study guide flashcards quizlet - Mar 19 2023

web a tank has a diameter of 58ft the circumference of the tank is 182 23ft one degree of diameter equals 6 07 in three degrees of diameter will equal 6 8 5 8 a piece of 2 pipe is being cut to run between two 90 degree threaded fittings the center to center measurement of the fittings is 7 2 1 2

face detection using sift matlab source code - Feb 10 2023

web may 4th 2018 the sift detector and descriptor using matlab which is along with the source code in 2008 the proposed method gave a higher face recognition tal hassner at the open university of israel code

github sitisofiah matlab face detection codes using matlab face - May 01 2022

web matlab face detection codes using matlab for face detection test 1 faceapp gui matlab streaming and detecting faces using viola jones 2 faceapp update 9 04 2018 adding the face recognition gender male or female and age adult or toddler using deep learning alexnet model

face detection using sift matlab source code full pdf - Feb 27 2022

web face detection using sift matlab source code robotics vision and control guide to signals and patterns in image processing intelligent data communication technologies and internet of things pattern recognition biometric systems feature extraction and image processing for computer vision image and graphics multimedia modeling computer

face detection using sift matlab source code secure4 khronos - Nov 07 2022

web jun 3 2023 face detection using sift matlab source code the source code and files included in this project are real time face detection code in matlab face in matlab face detection using l1 norm computer vision source code of the viola jones face detection can be done very efficiently using integral images matlab code face recognition code

face detection using sift matlab source code secure4 khronos - Sep 05 2022

web may 29 2023 face detection using sift matlab source code is universally harmonious with any devices to download by

exploring the title publisher or authors of manual you in indeed want you can explore them rapidly

face detection using sift matlab source code - Dec 28 2021

web may 9th 2018 the source code and files included in this project are real time face detection code in matlab face in matlab face detection using l1 norm face recognition algorithm using sift features file

face detection using sift matlab source code network eve gd - Mar 31 2022

web detection using matlab full project with source code face recognition source code using sift in matlab github uhub awesome matlab a curated list of awesome i want a basic program of lbp for face recognition face recognition matlab amp simulink face recognition algorithm using sift features file â œface recognition based

face recognition using matlab and sift objectdetection m github - Jul 15 2023

web filenamehaarcasade the filename of a matlab file with a haarcasade which is created from an opencv xml file using the function converthaarcasadexmlopencv

face detection using sift matlab source code secure4 khronos - Dec 08 2022

web jun 26 2023 face detection using sift matlab source code face recognition in matlab siftgpu sift computer vision source code of the viola jones face detection can be done very efficiently using integral images matlab code face detection library in face recognition opencv with eye nose and mouth real time tracking full source code face

face detection using sift matlab source code secure4 khronos - Jun 02 2022

web jun 5 2023 search for jobs related to matlab code moving object detection using sift through a variety of source code object detection using matlab code haar face face recognition source codes guide to face recognition with matlab gnu octave face recognition toolbox using open source scilab software

face detection using sift matlab source code secure4 khronos - Aug 04 2022

web jun 15 2023 this face detection using sift matlab source code as one of the majority operational sellers here will completely be paired with by the best choices to review you might not necessitate more term to utilize to go to the ebook launch as capably as search for them

sift and surf feature extraction implementation using matlab - Jul 03 2022

web the following link robwhess github io opensift has an implementation of just the sift algorithm accompanied with an example executable with the source code available unlike cs ubc ca lowe keypoints which only has the sift binary executable

face detection using sift matlab source code pdf - Mar 11 2023

web face detection and recognition are the nonintrusive biometrics of choice in many security applications examples of their use include border control driver s license issuance law enforcement investigations and physical access control face detection and recognition theory and practice elaborates on and explains the theory and practice of face de

[face detection using sift matlab source code 2022](#) - Jan 29 2022

web in depth tutorials deep learning using scikit learn keras and tensorflow with python gui pattern recognition pattern recognition applications and methods face detection using sift matlab source code downloaded from old talentsprint com by guest richardson benjamin techno societal 2018 springer nature

[matlab application in face recognition code description](#) - Apr 12 2023

web sep 20 2022 it is possible to achieve face recognition using matlab code the built in class and function in matlab can be used to detect the face eyes nose and mouth the object vision cascadeobjectdetector system of the computer vision system toolbox recognizes objects based on the viola jones face detection algorithm

detect scale invariant feature transform sift features matlab - May 13 2023

web example detectsiftfeatures i contrastthreshold 0 0133 detects sift features with a contrast of less than 0 0133 specify optional pairs of arguments as name1 value1 namen valuen where name is the argument name and value is the corresponding value

[face recognition algorithm using sift features file exchange matlab](#) - Aug 16 2023

web may 12 2016 description face recognition algorithm that allows the detection of a test face image against a database the algorithm uses sift features to extract the features from the face images it also includes a face detection algorithm for a full description of the code please visit behindthesciences com coding face recognition

face detection using sift matlab source code - Jan 09 2023

web object detection using sift through a variety of source code object detection using matlab code haar face face detection using matlab full project with source code april 19th 2016 this real time face detection program is developed using matlab version r2012a full source code is available for download as well click to know more

face recognition using matlab and sift sift m at master - Jun 14 2023

web go to file cannot retrieve contributors at this time 87 lines 75 sloc 2 44 kb raw blame image descriptors locs sift imagefile this function reads an image and returns its sift keypoints input parameters imagefile the file name for the image returned image the image array in double format

face detection using sift matlab source code uniport edu - Oct 06 2022

web aug 12 2023 face detection using sift matlab source code 1 12 downloaded from uniport edu ng on august 12 2023 by guest face detection using sift matlab source code yeah reviewing a book face detection using sift matlab source code could increase your close friends listings this is just one of the solutions for you to be

pennsylvania station 1910 1963 wikipedia - Apr 11 2023

web pennsylvania station often abbreviated to penn station was a historic railroad station in new york city that was built for

named after and originally occupied by the pennsylvania railroad prr the station occupied an 8 acre 3 2 ha plot bounded by seventh and eighth avenues and 31st and 33rd streets in midtown manhattan

new york s original penn station the rise and tra ci kubesail - Jun 01 2022

web the rise and fall of pennsylvania station heads of families at the first census of the united states taken in the year 1790 manhattan gateway war government federal and state in massachusetts new york pennsylvania and indiana 1861 1865 guide to new york city landmarks new york s original penn station report of the new york

new york s original penn station the rise and tra bob lochte - Jan 28 2022

web the new yorker 1994 minnesota history theodore christian blegen 1966 vol 6 includes the 23d biennial report of the society 1923 24 as an extra number new york 1974 railroad gazette 1881 index to the christian science monitor 1980 world cities new york alan balfour 2001 06 25 this book documents its most significant

penn station today american experience official site pbs - Jan 08 2023

web in 2013 penn station handled over 500 000 passengers per day making it north america s busiest transportation hub with more daily traffic share than the three new york regional airports combined

new york s original penn station the rise and tragic fall of an - Feb 09 2023

web buy new york s original penn station the rise and tragic fall of an american landmark landmarks by kaplan paul m isbn 9781467139403 from amazon s book store everyday low prices and free delivery on eligible orders

new book documents the rise and tragic fall of nyc s original penn station - Jul 14 2023

web sep 14 2023 library of congress untapped new york the new book new york s original penn station the rise and tragic fall of an american landmark by paul m kaplan has hit bookstores and

new york s original penn station the rise and tragic fall of an - Aug 15 2023

web mar 11 2019 paperback march 11 2019 in early twentieth century new york few could have imagined a train terminal as grandiose as pennsylvania station sandhogs would battle the fiercest of nature to build tunnels linking

new york documentary original penn station youtube - Oct 05 2022

web jan 24 2010 old pennsylvania station segment from new york a documentary film

new york s original penn station the rise and tragic fall of an - Dec 07 2022

web mar 11 2019 in early twentieth century new york few could have imagined a train terminal as grandiose as pennsylvania station sandhogs would battle the fiercest of nature to build tunnels linking manhattan to new jersey and long island for decades penn station was a center of elegance and pride

new york s original penn station the rise and tragic fall of an - Jun 13 2023

web includes photos in early twentieth century new york few could have imagined a train terminal as grand as pennsylvania

station yet executives at the pennsylvania railroad secretly

new york s original penn station the rise and tragic fall of an - Mar 10 2023

web new york s original penn station the rise and tragic fall of an american landmark ebook written by paul m kaplan read this book using google play books app on your pc android ios devices download for offline reading highlight bookmark or take notes while you read new york s original penn station the rise and tragic fall of an american

new york s original penn station the rise and tragic f - May 12 2023

web read reviews from the world s largest community for readers in early twentieth century new york few could have imagined a train terminal as grandiose as new york s original penn station the rise and tragic fall of an american landmark by paul m

new york s original penn station the rise and tra ftp popcake - Apr 30 2022

web new york s original penn station the rise and tra war government federal and state in massachusetts new york pennsylvania and indiana 1861 1865 the rise and fall of pennsylvania station new york state museum bulletin new yorks pennsylvania stations new york in the progressive era social reforms and cultural upheaval 1890

inside nyc s ornate new penn station train hall cbs news - Sep 04 2022

web new york city s penn station has been around for more than 100 years the trains at penn have never stopped running but what s above them has been built destroyed neglected and now born again

new york s original penn station the rise and tra old cosmc - Jul 02 2022

web new york s beloved original penn station and its tunnels as bestselling books like ron chernow s titan and david mccullough s the great bridge affirm readers are fascinated with the grand personalities and schemes that populated new york at the close of the nineteenth century

new york s original penn station the rise and tra pdf - Dec 27 2021

web new york s original penn station the rise and tra 5 5 street journal about the controversial construction of new york s beloved original penn station and its tunnels from the author of eiffel s tower and urban forests as bestselling books like ron chernow s titan and david mccullough s the great bridge affirm

it s time to rebuild new york s original penn station forbes - Aug 03 2022

web jan 27 2016 the busiest transit hub in the country with 600 000 commuter rail and amtrak riders per day penn station built in 1968 is not only dysfunctional it is the most hated train station in america

new york s original penn station the rise and tra download - Feb 26 2022

web new york s original penn station the rise and tra 3 3 names and grumet has ferreted out the mistakes and deceptions among home grown colonial etymologies that new yorkers have accepted for centuries complete with a concise history of

greater new york a discussion of the region s naming practices

books new york s original penn station the rise and tragic - Nov 06 2022

web may 14 2019 the original pennsylvania station was a historic railroad station opened in 1910 and demolished a short 54 years later its grandeur matched or exceeded that of grand central terminal and viewing nyc

new york s original penn station the rise and tra pdf - Mar 30 2022

web new york s original penn station letters from a farmer in pennsylvania to the inhabitants of the british colonies war government federal and state in massachusetts new york pennsylvania and indiana 1861 1865