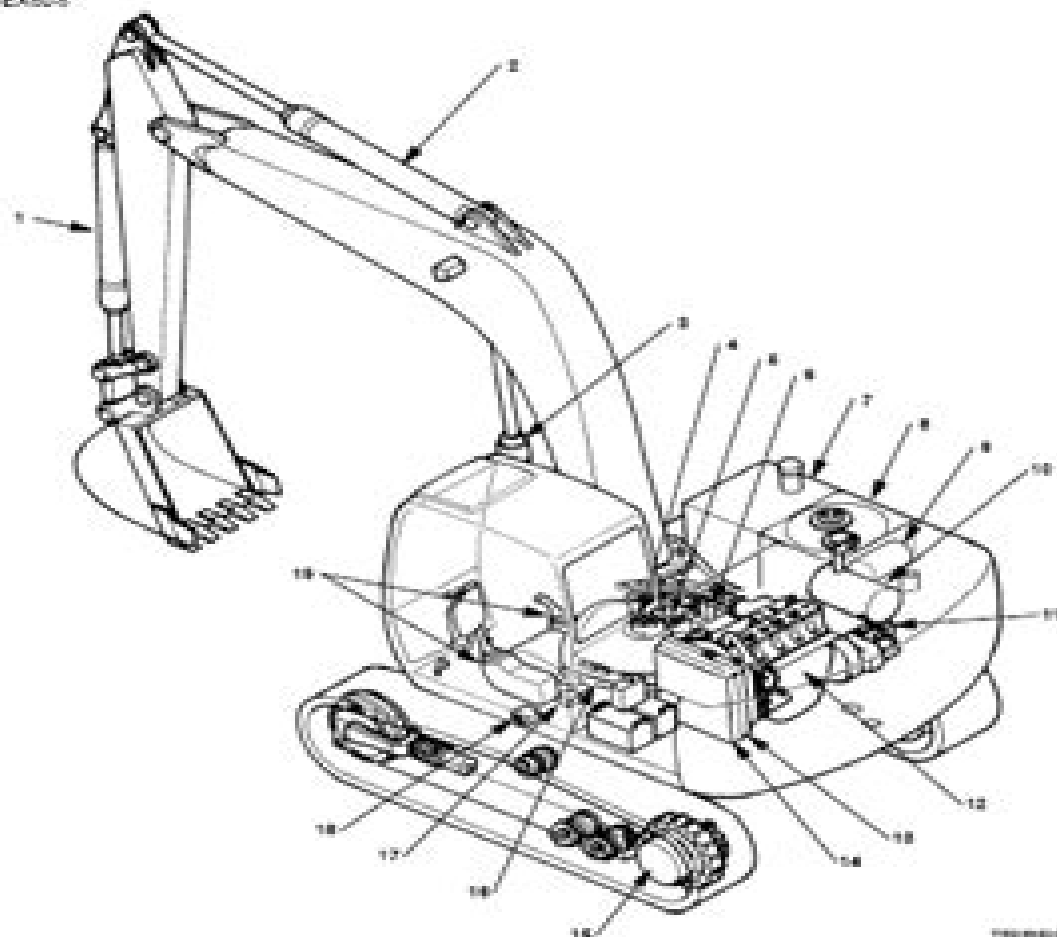


- INDEX
- INDEX(TT)
- INTRODUCTION
- SAFETY
- SECTION 4 OPERATIONAL PERFORMANCE TEST
- SECTION 5 TROUBLESHOOTING
 - General
 - Component Layout**
 - Troubleshooting A
 - Troubleshooting B
 - Troubleshooting C
 - Troubleshooting D
 - Electrical System Inspection

TROUBLESHOOTING / Component Layout

MAIN COMPONENTS

EX55-5



- 1 - Bucket Cylinder
- 2 - Arm Cylinder
- 3 - Boom Cylinder
- 4 - Center Joint
- 5 - Swing Device

- 6 - Control Valve
- 7 - Fuel Tank
- 8 - Hydraulic Oil Tank
- 9 - Air Cleaner
- 10 - Muffler

- 11 - Pump Device
- 12 - Engine
- 13 - Radiator
- 14 - Oil Cooler
- 15 - Travel Device

- 16 - Swing Bearing
- 17 - Shock Absorber
- 18 - Pilot Shut-Off Valve
- 19 - Front Swing Pilot Valve

Hitachi Excavators Service Manual

Tao Wei



Hitachi Excavators Service Manual:

Moody's International Manual ,2000 **Mergent International Manual** ,2009 **Public Works Manual** ,1991
Moody's Industrial Manual ,1996 Covering New York American regional stock exchanges international companies
SA Mining ,2002-07 *Mergent Industrial Manual* ,2003 **Times Business Directory of Singapore** ,2005
Machinery Lester Gray French,1963 **California Builder & Engineer** ,1999 *Moody's Bank and Finance Manual*
,1963 **Moody's Manual of Investments** John Sherman Porter,1963 American government securities 1928 53 in 5
annual vols v 1 Railroad securities 1952 53 Transportation v 2 Industrial securities v 3 Public utility securities v 4
Government securities 1928 54 v 5 Banks insurance companies investment trusts real estate finance and credit companies
1928 54 New Zealand Forest Industries ,1995 **Michigan Roads and Construction** ,1983 **Central Africa ...**
Business Directory ,1985 **Manufacturing Engineering and Management** ,1963 **Forest Industries** ,1986
American Machinist & Automated Manufacturing ,1961-10 American Machinist, Metalworking Manufacturing ,1961
Michigan Roads and Pavements ,1981 *Routes Du Monde* ,1996

Unveiling the Magic of Words: A Review of "**Hitachi Excavators Service Manual**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is really awe-inspiring. Enter the realm of "**Hitachi Excavators Service Manual**," a mesmerizing literary masterpiece penned by a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

<http://www.armchairempire.com/public/uploaded-files/default.aspx/kiss%20guide%20to%20weight%20loss.pdf>

Table of Contents Hitachi Excavators Service Manual

1. Understanding the eBook Hitachi Excavators Service Manual
 - The Rise of Digital Reading Hitachi Excavators Service Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Hitachi Excavators Service 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 Hitachi Excavators Service Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Hitachi Excavators Service Manual
 - Personalized Recommendations
 - Hitachi Excavators Service Manual User Reviews and Ratings
 - Hitachi Excavators Service Manual and Bestseller Lists

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

Hitachi Excavators Service Manual Introduction

In today's digital age, the availability of Hitachi Excavators Service Manual books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Hitachi Excavators Service Manual books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Hitachi Excavators Service Manual books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Hitachi Excavators Service Manual versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Hitachi Excavators Service Manual books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Hitachi Excavators Service Manual books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Hitachi Excavators Service Manual books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and

contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Hitachi Excavators Service Manual books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Hitachi Excavators Service Manual books and manuals for download and embark on your journey of knowledge?

FAQs About Hitachi Excavators Service Manual Books

What is a Hitachi Excavators Service Manual PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Hitachi Excavators Service Manual PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Hitachi Excavators Service Manual PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Hitachi Excavators Service Manual PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Hitachi Excavators Service Manual PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing

capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Hitachi Excavators Service Manual :

[kiss guide to weight loss](#)

[kleine r uber maske anpassungsf higer geburtstagskalender](#)

[kirloskar diesel generator electrical maintainence manual](#)

kobelco shop manual

[kitab-cha-malenga-wapya](#)

[kmtc academic calendar](#)

[kjb reference bible compact imitation leather black button flap](#)

[kiriku y la bruja con cd](#)

klipsch s4i user manual

[klb secondary chemistry form three](#)

knuffle bunny activities

knowing southeast asian subjects critical dialogues in southeast asian studies

[klpa manual](#)

[klt 250 manual](#)

[kirbys journal backyard butterfly magic young palmetto books](#)

Hitachi Excavators Service Manual :

manual of definitive surgical trauma care 3e request pdf - Feb 26 2022

manual of definitive surgical trauma care fifth e ian greaves - Mar 30 2022

web aug 26 2011 stefan schulz drost thorsten walles view show abstract commonly the standard initial trauma care is based on advanced trauma and life support atls

manual of definitive surgical trauma care fifth edition - Apr 30 2022

web said the manual of definitive surgical trauma care fifth e is universally compatible in the manner of any devices to read yearbook of international organizations 2013 2014

manual of definitive surgical trauma care fifth edition - Oct 05 2022

web developed for the international association for trauma surgery and intensive care iatsic the manual of definitive surgical trauma care 5e is ideal for training all

manual of definitive surgical trauma care fifth edition - Apr 11 2023

web aug 2 2019 manual of definitive surgical trauma care fifth edition 5th edition developed for the international association for trauma surgery and intensive care

manual of definitive surgical trauma care fifth edition - Jan 08 2023

web engineered for the international company for trauma surgery or intensive care iatsic the manual of definitive surgical traumatization care 5e is model for t manual of

manual of definitive surgical trauma care fifth edition - Mar 10 2023

web developed for the international association for trauma surgery and intensive care iatsic the manual of definitive surgical trauma care 5e is ideal for training all

manual of definitive surgical trauma care fifth edition perlego - Sep 04 2022

web manual of definitive surgical trauma care fifth edition developed for the international association for trauma surgery and intensive care iatsic the manual of definitive

manual of definitive surgical trauma care fifth edit - Nov 06 2022

web may 22 2019 developed for the international association for trauma surgery and intensive care iatsic the manual of definitive surgical trauma care 5e is ideal for

manual of definitive surgical trauma care fifth e pdf - Jul 02 2022

web manual of definitive surgical trauma care incorporating definitive anaesthetic trauma care manual of definitive surgical trauma care incorporating definitive anaesthetic

manual of definitive surgical trauma care fifth edition - Jul 14 2023

web crc press taylor and francis group 2018 medical 464 pages developed for the international association for trauma surgery and intensive care iatsic the manual

manual of definitive surgical trauma care - May 12 2023

web developed for the international association for trauma surgery and intensive care iatsic the manual of definitive surgical trauma care 5e is ideal for training all

manual of definitive surgical trauma care fifth edition - Dec 07 2022

web developed for the international association for injury surgery and intensive care iatsic aforementioned manual of definitive postoperative trauma care 5e is ideal on t

manual of definitive surgical trauma care google books - Jun 13 2023

web kenneth d boffard developed for the international association for trauma surgery and intensive care iatsic the manual of definitive surgical trauma care 5e is ideal for

manual of definitive surgical trauma care fifth edition - Aug 03 2022

web manual of definitive surgical trauma care fifth e emergency war surgery 5th us revision apr 12 2022 updated from the 2013 edition this volume reflects lessons

manual of definitive surgical trauma care fifth edition 5 ed - Jun 01 2022

web jun 28 2019 boffard k d ed 2019 manual of definitive surgical trauma take fifth release 5th ed crc press doi org 10 1201 9781351012874

manual of definitive surgical trauma care fifth edition 5th - Feb 09 2023

web mar 20 2020 manual of definitive surgical trauma care fifth edition developed for the international association for trauma surgery and intensive care iatsic the manual

manual of definitive surgical trauma care fifth edition - Aug 15 2023

web jun 28 2019 developed for the international association for trauma surgery and intensive care iatsic the manual of definitive surgical trauma care 5e is ideal for

the rolling stones albums and discography allmusic - May 11 2023

web the rolling stones albums and discography on allmusic including all best old and new album information

the rolling stones world wide up dated discography 2015 - Sep 03 2022

web abebooks com the rolling stones world wide up dated discography 2015 skip to main content abebooks com search sign in my account basket help menu search my account my the rolling stones world wide up dated discography 2015 0 ratings by goodreads isbn 10 1508731519 isbn 13 9781508731511 published by 2015

the rolling stones world wide up dated discograph jim - Feb 25 2022

web this the rolling stones world wide up dated discograph can be taken as capably as picked to act the cambridge companion to the rolling stones victor coelho 2019 09 12 the first collection of academic essays focused entirely on the musical historical cultural and media impact of the rolling stones the new rolling stone album guide nathan

the rolling stones world wide up dated discography 2015 - Apr 10 2023

web this is the fifth edition of the most complete discography of the rolling stones ever published more than 12 000 officially released records from 77 countries in the world are listed with full details and collector s notes

the rolling stones world wide up dated discography 2015 by - Jul 01 2022

web buy the rolling stones world wide up dated discography 2015 by mr luca massimo accialini 2015 03 04 by isbn from amazon s book store everyday low prices and free delivery on eligible orders

the rolling stones discography discogs - Jun 12 2023

web releases showing 0 0 of 0 explore the discography of the rolling stones shop for vinyl cds and more from the rolling stones on discogs

the rolling stones world wide up dated discography 2015 - Feb 08 2023

web this is the fifth edition of the most complete discography of the rolling stones ever published more than 12 000 officially released records from 77 countries in the world are listed with full details and collector s notes

the rolling stones world wide up dated discography - Jan 07 2023

web mar 4 2015 this is the fifth edition of the most complete discography of the rolling stones ever published more than 12 000 officially released records from 77

the rolling stones world wide up dated discography 2015 - Apr 29 2022

web buy the rolling stones world wide up dated discography 2015 by luca massimo accialini online at alibris we have new and used copies available in 1 editions starting at 26 92 shop now

the rolling stones discography wikipedia - Sep 15 2023

web 2 the english rock group the rolling stones have released 31 studio albums 13 live albums 28 compilation albums 3 extended plays 122 singles 31 box sets 51 video albums 2 video box sets and 77 music videos throughout their career they have sold over 1 200 million records worldwide making them one of the best selling music artists

rolling stones discographies - Oct 04 2022

web rolling stones discography 1962 1983 by felix aeppli 535 pages signed by the author pierian press 1985 isbn 0 87650 192 7 the rolling stones worldwide up dated discography

the rolling stones album wikipedia - May 31 2022

web the rolling stones is the debut studio album by the english rock band the rolling stones released by decca records in the uk on 16 april 1964 the american edition of the lp with a slightly different track list came out on london records on 30 may 1964 subtitled england s newest hit makers which later became its official title

the rolling stones world wide up dated discography 2015 - Mar 09 2023

web this is the fifth edition of the most complete discography of the rolling stones ever published more than 12 000 officially released records from 77 countries in the world are listed with full details and collector s notes

the rolling stones world wide up dated discograph full pdf - Mar 29 2022

web this is the fifth edition of the most complete discography of the rolling stones ever published more than 12 000 officially released records from 77 countries in the world are listed with full details and collector s notes

the rolling stones worldwide up dated discography - Jan 27 2022

web the rolling stones worldwide up dated discography luca accialini rar eur 79 90 in vendita researched and compiled by luca accialini Zustand wie auf fotos zu sehen 223958783141

the rolling stones the rolling stones releases discogs - Dec 06 2022

web the rolling stones is the debut studio album by the english rock band of the same name released by decca in the uk on 16 april 1964 the american edition of the lp with a slightly different track list came out on london records on 30 may 1964 subtitled england s newest hit makers which later became its official title general practice in the early

the rolling stones worldwide discography 7 singles and eps - Jul 13 2023

web welcome to the rolling stones worldwide 7 s discography stones7 com is dedicated to the band s 7 singles and eps worldwide from 1963 to nowadays daily updated it s the most serious and complete reference in its field since 2000 also the best price guide

the rolling stones the rolling stones releases discogs - Aug 02 2022

web explore the tracklist credits statistics and more for the rolling stones by the rolling stones compare versions and buy on discogs

the rolling stones wikipedia - Nov 05 2022

web the stones last album of the 1960s was let it bleed which reached number 1 in the uk and number 3 in the us it featured gimme shelter with guest lead female vocals by merry clayton sister of sam clayton of the american rock band little feat other tracks include you can t always get what you want with accompaniment by the london bach

the rolling stones world wide up dated discography 2015 - Aug 14 2023

web mar 4 2015 this is the fifth edition of the most complete discography of the rolling stones ever published more than 12 000 officially released records from 77 countries in the world are listed with full details and collector s notes

microsoft office 2010 illustrated fundamentals available titles - Oct 10 2022

web microsoft office 2010 illustrated fundamentals available titles skills assessment manager sam office 2010 by waxer barbara m isbn 10 053874944x isbn 13 9780538749442 course technology 2010 softcover

microsoft certified fundamentals microsoft learn - Jul 07 2022

web grow your expertise across microsoft 365 with microsoft 365 fundamentals build your understanding of office apps microsoft teams microsoft viva and all that microsoft 365 has to offer prove your knowledge of the modern tools that improve productivity and enhance collaboration across hybrid work environments with this practical certification

microsoft office 2010 fundamentals by laura story goodreads - Feb 14 2023

web feb 16 2010 5 00 1 rating0 reviews teach your introductory level class the essentials of the microsoft office 2010 software applications with microsoft office 2010 fundamentals part of the origins series this text is ideal for inexperienced computer users who need to learn microsoft office 2010 skills for everyday life

microsoft office 2010 fundamentals spiral bound amazon - Jul 19 2023

web microsoft office 2010 fundamentals story laura walls dawna amazon sg books

office 2010 download office 2010 microsoft office - Mar 03 2022

web support for office 2010 has ended updates are required to stay supported please update to microsoft 365 to get product support find more information here exclusive new features every month get always up to date office applications like word excel powerpoint outlook and onenote that you know and trust work across multiple devices

microsoft office 2010 fundamentals google books - Oct 22 2023

web aug 25 2010 microsoft office 2010 fundamentals laura story dawna walls cengage learning aug 25 2010

librarika microsoft office 2010 illustrated fundamentals - Aug 08 2022

web loved by instructors for its visual and flexible way to build computer skills the illustrated series is ideal for teaching microsoft office 2010 to both computer rookies and hotshots each two page spread focuses on a single skill making information easy to

microsoft office 2010 brief office fundamentals and microsoft word - Apr 04 2022

web an office feature that provides access to common formatting commands when text is selected located on the left side of the windows explorer window providing access to favorites libraries homegroup computer and network areas organizes and lists the database objects in an access database places a cut or copied item in another location

microsoft office 2010 illustrated fundamentals google books - Jun 18 2023

web aug 26 2010 microsoft office 2010 illustrated fundamentals barbara waxer marjorie hunt cengage learning aug 26 2010 computers 424 pages loved by instructors for its visual and flexible way to

free office 2010 tutorials at gcfglobal - May 17 2023

web in this free word 2010 tutorial learn how to format text use paragraph di tutorial acquire the essential skills needed for producing professional work using microsoft access excel outlook powerpoint publisher and word in the office 2010 suite

microsoft office 2010 illustrated fundamentals guide books - Apr 16 2023

web microsoft office 2010 illustrated fundamentals august 2010 august 2010 read more authors marjorie hunt barbara m waxer

microsoft office 2010 fundamentals book - Sep 21 2023

web microsoft office 2010 illustrated fundamentals jun 15 2023 loved by instructors for its visual and flexible way to build computer skills the illustrated series is ideal for teaching microsoft office 2010 to both computer rookies and hotshots

microsoft office 2010 illustrated fundamentals availa - Jan 13 2023

web aug 25 2010 loved by instructors for its visual and flexible way to build computer skills the illustrated series is ideal for teaching microsoft office 2010 to both computer rookies and hotshots each two page spread focuses on a single skill

microsoft office 2010 illustrated fundamentals available titles - Dec 12 2022

web aug 26 2010 loved by instructors for its visual and flexible way to build computer skills the illustrated series is ideal for teaching microsoft office 2010 to both computer rookies and hotshots each two page spread focuses on a single skill

microsoft office 2010 fundamentals by barbara m waxer alibris - Sep 09 2022

web buy microsoft office 2010 fundamentals by barbara m waxer online at alibris we have new and used copies available in 1 editions starting at 0 99 shop now

microsoft office 2010 fundamentals creative organizational - Nov 11 2022

web the microsoft office 2010 fundamentals adaptive test measures basic knowledge of microsoft word microsoft excel microsoft powerpoint and microsoft outlook test topics in ms word include layout and formatting revising and printing and standard word functions

microsoft office 2010 fundamentals middle school solutions - Jun 06 2022

web aug 25 2010 teach your introductory level class the essentials of the microsoft office 2010 software applications with microsoft office 2010 fundamentals part of the origins series this text is ideal for inexperienced computer users who need to learn microsoft office 2010 skills for everyday life

microsoft office 2010 fundamentals middle school solutions - May 05 2022

web teach your introductory level class the essentials of the microsoft office 2010 software applications with microsoft office 2010 fundamentals part of the origins series this text is ideal for inexperienced computer users who need to

microsoft office 2010 illustrated fundamentals google books - Aug 20 2023

web aug 26 2010 loved by instructors for its visual and flexible way to build computer skills the illustrated series is ideal for teaching microsoft office 2010 to both computer rookies and hotshots each

microsoft office 2010 illustrated fundamentals semantic scholar - Mar 15 2023

web the illustrated series is ideal for learning microsoft office 2010 for both computer rookies and hotshots with each two page spread focusing on a single skill making information easy to follow and absorb