HANDBOOK OF

GRID GENERATION

Edited by

Joe F. Thompson Bharat K. Soni Nigel P. Weatherill



CRC PRESS

Handbook Of Grid Generation

William L. Oberkampf, Christopher J. Roy

Handbook Of Grid Generation:

Immerse yourself in the artistry of words with Crafted by is expressive creation, Discover the Artistry of **Handbook Of Grid Generation**. This ebook, presented in a PDF format (Download in PDF: *), is a masterpiece that goes beyond conventional storytelling. Indulge your senses in prose, poetry, and knowledge. Download now to let the beauty of literature and artistry envelop your mind in a unique and expressive way.

http://www.armchairempire.com/data/publication/Documents/Hunters Trail Scarlett Bernard.pdf

Table of Contents Handbook Of Grid Generation

- 1. Understanding the eBook Handbook Of Grid Generation
 - The Rise of Digital Reading Handbook Of Grid Generation
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Handbook Of Grid Generation
 - $\circ \ Exploring \ Different \ Genres$
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Handbook Of Grid Generation
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Handbook Of Grid Generation
 - Personalized Recommendations
 - Handbook Of Grid Generation User Reviews and Ratings
 - Handbook Of Grid Generation and Bestseller Lists
- 5. Accessing Handbook Of Grid Generation Free and Paid eBooks
 - Handbook Of Grid Generation Public Domain eBooks
 - Handbook Of Grid Generation eBook Subscription Services
 - Handbook Of Grid Generation Budget-Friendly Options

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

Handbook Of Grid Generation Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In todays fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Handbook Of Grid Generation PDF books and manuals is the internets largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-touse website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Handbook Of Grid Generation PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries,

ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Handbook Of Grid Generation free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAOs About Handbook Of Grid Generation Books

What is a Handbook Of Grid Generation 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 Handbook Of Grid Generation 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 Handbook Of Grid Generation 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 Handbook Of Grid Generation 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 Handbook Of Grid Generation 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 Handbook Of Grid Generation:

hunter strail scarlett bernard
hunter icc manual
hunter x hunter vol 4
human geography study guide answers
hummelo a journey through a plantsmans life
hunger games character graphic organizer

hurricane hot tub manual human geo guide answers huntress crossbow at the crossroads

human bullets a soldiers story of the russo japanese war

httpmatic com booktag n2 diesel trade theory question papers hughes hallett calculus 2nd edition solutions manual hungry ghosts chinas secret famine

human from another outlook human physiology stuart ira fox 12th edition test bank

Handbook Of Grid Generation:

the house at old vine the suffolk trilogy book 2 kindle edition - $Mar\ 08\ 2023$

web the house at old vine the suffolk trilogy book 2 ebook lofts norah amazon com au books amazon com au customer reviews the house at old vine the suffolk - Jun 30 2022

web find helpful customer reviews and review ratings for the house at old vine the suffolk trilogy book 2 at amazon com read honest and unbiased product reviews from our users

the town house the house at old vine the house at sunset - Sep 02 2022

web the town house the house at old vine the house at sunset written by norah lofts review by ann oughton this trilogy spanning six centuries is the story of a suffolk house and the people who lived in it from the late 14th century until the middle of the 20th

the house at old vine the suffolk trilogy book 2 - Sep 14 2023

web nov 21 2013 the house at old vine the suffolk trilogy book 2 kindle edition by lofts norah download it once and read it on your kindle device pc phones or tablets use features like bookmarks note taking and highlighting while reading the house at old vine the suffolk trilogy book 2

the house at old vine paperback barnes noble - Jan 06 2023

web nov 18 2013 the house at old vine is the second in norah lofts enduringly popular suffolk trilogy which began with the town house and concludes with the house at sunset fans of norah lofts work particularly appreciate how her characters who live around the suffolk town of baildon interact with one another between different books

the house at old vine 2 the suffolk trilogy amazon in - Nov 04 2022

web books select the department you want to search in search amazon in en hello sign in account lists returns orders cart all amazon minity

the house at old vine the suffolk trilogy book 2 - Jul 12 2023

web the house at old vine is the second in norah lofts enduringly popular suffolk trilogy which began with the town house and concludes with the house at sunset fans of norah lofts work particularly appreciate how her characters who live around the suffolk town of baildon interact with one another between different books

the house at old vine the suffolk trilogy by norah lofts 11 - Dec 05 2022

web nov 11 2013 buy now secure transaction ships from ladylakebooks sold by ladylakebooks ships from ladylakebooks sold by ladylakebooks return policy returnable until jan 31 2023 buy used 14 26 have one to sell other sellers on amazon add to cart 23 33 3 99 shipping sold by clearybooks 20 add to cart 23 33 3 99

amazon com customer reviews the house at old vine the suffolk - Apr 28 2022

web 4 4 out of 5 stars 322 global ratings the house at old vine the suffolk trilogy book 2 how customer reviews and ratings work see all buying options this page works best with javascript disabling it will result in some disabled or missing features you can still see all customer reviews for the product

the house at old vine the house trilogy book 2 of 3 abebooks - May 10 2023

web the second volume of a trilogy set in suffolk and spanning five centuries of a family s history in 1496 josiana greenwood an illegitimate descendent of martin reed awaits her secret lover s public execution the house at old vine suffolk house trilogy 2 by norah lofts - Feb 07 2023

web toggle book search form click to open or close main menu search search browse home brit books ltd the house at old vine suffolk house trilogy 2 the house at old vine suffolk house trilogy 2 add to cart buy now stock photo cover may be different click for full size

the house at old vine the house trilogy book 2 of 3 - Oct 03 2022

web jan 1 1991 the house at old vine the house trilogy book 2 of 3 lofts norah on amazon com free shipping on qualifying offers the house at old vine the house trilogy book 2 of 3

the house at old vine 2 the suffolk trilogy abebooks - Apr 09 2023

web the house at old vine 2 the suffolk trilogy by lofts norah at abebooks co uk isbn 10 1905806744 isbn 13 9781905806744 tree of life publishing 2013 softcover

the house at old vine 2 the suffolk trilogy softcover - Feb 24 2022

web the house at old vine 2 the suffolk trilogy von norah lofts bei abebooks de isbn 10 1905806744 isbn 13 9781905806744 new publisher 2021 softcover

the house at old vine 2 the suffolk trilogy paperback - Aug 13 2023

web the house at old vine 2 the suffolk trilogy paperback illustrated 11 nov 2013 the doomed love story of josiana greenwood and walter rancon sets the scene as the destiny of the great suffolk house known as the old vine continues to unfold $suffolk\ trilogy\ by\ norah\ lofts\ book\ of\ a\ lifetime\ an\ outstanding$ - May 30 2022

web jul 3 2014 my top choice would have to be norah lofts s suffolk trilogy the town house 1959 the house at old vine 1961 and the house at sunset 1963 they are essentially one continuous book

the house at old vine house 2 by norah lofts goodreads - Oct 15 2023

web 4 24 860 ratings50 reviews the house at old vine is the second in a trilogy of novels by norah lofts about the inhabitants of a country house in suffolk from the late fourteenth century to the middle of the twentieth covering the turbulent years of 1496 to 1680

the house at old vine the suffolk trilogy book 2 kindle edition - Aug 01 2022

web the house at old vine the suffolk trilogy book 2 ebook lofts norah amazon in kindle store

9781905806744 the house at old vine suffolk trilogy - Mar 28 2022

web abebooks com the house at old vine suffolk trilogy 9781905806744 by lofts norah and a great selection of similar new used and collectible books available now at great prices 9781905806744 the house at old vine suffolk trilogy lofts norah 1905806744 abebooks

the house at old vine the house trilogy book 2 of 3 - Jun 11 2023

web buy the house at old vine the house trilogy book 2 of 3 by lofts norah from amazon s fiction books store everyday low

prices on a huge range of new releases and classic fiction the house at old vine the house trilogy book 2 of 3 amazon co uk lofts norah 9780891902263 books

contemporary disney easy guitar with notes and tab - Oct 08 2022

contemporary disney easy guitar with notes and tab sheet music guitar tab this collection includes 30 fun disney hits arranged in notes andtab

contemporary disney presto music - Jul 05 2022

contemporary disney easy guitar with tab guitare ebook amazon com au kindle store

contemporary disney easy guitar with tab hal leonard corp - Dec 30 2021

19 99 easy guitar with tab composed by various easy guitar softcover with guitar tablature 128 pages published by hal leonard

contemporary disney easy guitar with notes tab cookes - Mar 01 2022

contemporary disney easy guitar with tab hal leonard corp 9781495075216 books amazon ca

contemporary disney easy guitar with notes and tab 30 - Feb 12 2023

jan 1 2017 buy contemporary disney easy guitar with tab guitare read books reviews amazon com

contemporary disney easy guitar with tab guitare kindle - May 03 2022

contemporary disney easy guitar with notes tab 0 finance available top uk retailer order before 2pm for same day despatch contemporary disney easy guitar with tab amazon com - Sep 19 2023

buy the official hal leonard easy guitar contemporary disney easy guitar with tab sheet music this series includes official hal leonard sheet music for the following songs available

contempory disney easy guitar with notes tab - Apr 02 2022

easy guitar 30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy including almost there be our guest beauty and the beast can you feel the love

contemporary disney easy guitar with tab google books - Jun 04 2022

variousinstrumental music guitar disneyaccompaniment solo unaccompanied format musicbook songbookcatalog 00196954 publisher hal leonard publisher hal leonard

contemporary disney easy guitar with notes and tab - Aug 06 2022

easy guitar 30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy including almost there be our guest beauty and the beast can you feel the love

sheet music contemporary disney easy guitar with tab - Oct 28 2021

contemporary disney easy guitar notes - Mar 13 2023

hal leonard contemporary disney book easy guitar with tab hal leonard corp amazon com au musical instruments musical instruments

contemporary disney easy guitar with tab hal leonard online - Aug 18 2023

30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy including almost there be our guest beauty and the beast can you feel the love tonight colors of the

hal leonard contemporary disney book easy guitar with tab - Jan 11 2023

contemporary disney easy guitar with tab series easy guitar with notes tab format softcover tab composer various 30 fun disney hits arranged in notes and tab for

contemporary disney easy guitar with tab granata - Nov 09 2022

jan 1 2017 contemporary disney easy guitar with tab by hal leonard llc 3 5 5 7 ratings easy guitar 30 fun disney hits for beginning guitarists to enjoy including almost

contemporary disney easy guitar with tab alibris - Jan 31 2022

title contemporary disney easy guitar with notes tabauthor hal leonard publishing corporation corporate author new book ships from united kingdom via airmail with tracking

sheet music contemporary disney easy guitar with notes - Apr 14 2023

30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy including almost there be our guest beauty and the beast can you feel the love tonight colors of the

contemporary disney easy guitar with tab groove3 com - May 15 2023

24 64 this collection includes 30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy contemporary disney includes the songs almost there be our guest

contemporary disney easy guitar with tab scribd - Sep 07 2022

30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy including almost there be our guest beauty and the beast can you feel the love tonight colors of the

contemporary disney easy guitar with notes tab hal - Nov 28 2021

contemporary disney easy guitar with tab guitare - Dec 10 2022

contemporary disney easy guitar with notes and tab easy guitar music score with tabs fast and reliable delivery worldwide contemporary disney easy guitar with notes

contemporary disney easy guitar with tab reverb - Jul 17 2023

disney hits for beginning guitarists get ready to strum along and sing your favorite disney tunes with this collection of 30 fun hits specially arranged for beginning guitarists whether

contemporary disney easy guitar with tab reverb - Jun 16 2023

30 fun disney hits arranged in notes and tab for beginning guitarists to enjoy contemporary disney easy guitar with tab groove3 com digital toggle navigation

i have more souls than one paperback 26 february 2018 - Apr 17 2023

web fifty new books at e1 each celebrating the pioneering spirit of the penguin modern classics series from inspiring essays to groundbreaking fiction and poetry but no she s abstract is a bird of sound in the air of air soaring and her soul sings unencumbered because the song s what makes her sing

i have more souls than one penguin books australia - May 18 2023

web feb 26 2018 fifty new books at 1 each celebrating the pioneering spirit of the penguin modern classics series from inspiring essays to groundbreaking fiction and poetry but no she s abstract is a bird of sound in the air of air soaring and her soul sings unencumbered because the song s what makes her sing

i have more souls than one penguin books uk - Jul 20 2023

web i have more souls than one select a format paperback ebook retailers amazon blackwells bookshop org foyles hive waterstones whsmith summary but no she s abstract is a bird of sound in the air of air soaring and her soul sings unencumbered because the song s what makes her sing

i have more souls than one penguin modern ebook - Nov 12 2022

web i have more souls than one penguin modern ebook pessoa fernando amazon com au books

 $\square \square \square \square \square \square$ i have more souls than one fernando pessoa $\square \square \square \square \square \square \square$ - Jan 02 2022

web dramatic lyrical and ranging over four distinct personae these poems by one of portugal s greatest poets trace a mind shaken by intense suffering and a tireless search for meaning penguin modern fifty new books celebrating the pioneering spirit of the iconic penguin modern classics series with each one offering a concentrated hit of its contemporary i have more souls than one fernando pessoa penguin modern - Jan 14 2023

web isbn 13 9780241339602 i have more souls than one fernando pessoa penguin modern pessoa fernando 3 95 avg rating 1 410 ratings by goodreads softcover isbn 10 024133960xisbn 13 9780241339602 publisher penguin classics 2018 this specific isbn edition is currently not available

i have more souls than one penguin modern amazon com - Oct 23 2023

web feb 22 2018 these pages contain just poems by the portuguese poet fernando pessoa 1888 1935 under his own name and three other names these are more than just pen names they are almost different personas there is no introduction or

background information about the poet and his poems just the poems

i have more souls than one by fernando pessoa the storygraph - Jun 07 2022

web penguin modern 19 fernando pessoa with jonathan griffin translator jonathan griffin translator 64 pages first pub 2018 editions

<u>i have more souls than one penguin modern kinokuniya</u> - Mar 04 2022

web dramatic lyrical and ranging over four distinct personae these poems by one of portugal s greatest poets trace a mind shaken by intense suffering and a tireless search for meaning penguin modern fifty new books celebrating the pioneering spirit of the iconic penguin modern classics series with each one offering a concentrated hit of its contemporary penguin modern 19 i have more souls than one fernando - May 06 2022

web penguin modern 19 i have more souls than one fernando pessoa pessoa fernando amazon nl books i have more souls than one fernando pessoa blackwell s - Oct 11 2022

web feb 22 2018 dramatic lyrical and ranging over four distinct personae these poems by one of portugal s greatest poets trace a mind shaken by intense suffering and a tireless search for meaning penguin modern fifty new books celebrating the pioneering spirit of the iconic penguin modern classics series with each one offering a concentrated amazon com customer reviews i have more souls than one penguin modern - Jul 08 2022

web find helpful customer reviews and review ratings for i have more souls than one penguin modern at amazon com read honest and unbiased product reviews from our users

i have more souls than one fernando pessoa penguin modern - Aug 21 2023

web i have more souls than one fernando pessoa penguin modern paperback 22 feb 2018 because the song s what makes her sing dramatic lyrical and ranging over four distinct personae these poems by one of portugal s greatest poets trace a mind shaken by intense suffering and a tireless search for meaning

i have more souls than one by fernando pessoa goodreads - Sep 22 2023

web collected in the nineteenth penguin modern fernando pessoa s i have more souls than one are a series of poems which were written by fernando pessoa under four separate names or souls his own alberto caiero ricardo reis and alvaro de campos

buy i have more souls than one book online at low prices in - Apr 05 2022

web penguin modern fifty new books celebrating the pioneering spirit of the iconic penguin modern classics series with each one offering a concentrated hit of its contemporary international flavour

i have more souls than one penguin modern softcover - Mar 16 2023

web i have more souls than one penguin modern by pessoa fernando isbn 10 024133960x isbn 13 9780241339602 penguin uk

2018 softcover

i have more souls than one penguin modern ebook amazon in - Sep 10 2022

web of sound in the air of air soaring and her soul sings unencumbered because the song s what makes her sing dramatic lyrical and ranging over four distinct personae these poems by one of portugal s greatest poets trace a mind shaken by intense suffering and a tireless search for meaning

i have more souls than one penguin co nz - Aug 09 2022

web fifty new books at 1 each celebrating the pioneering spirit of the penguin modern classics series from inspiring essays to groundbreaking fiction and poetry

i have more souls than one penguin modern amazon com - Dec 01 2021

web feb 22 2018 i have more souls than one penguin modern 01 edition kindle edition by fernando pessoa author format kindle edition $4\ 6\ 359$ ratings see all formats and editions paperback $7\ 87\ 6$ used from $4\ 77\ 7$ new from $3\ 82$ but no she s abstract is a bird of sound in the air of air soaring and her soul sings unencumbered

i have more souls than one penguin modern by fernando - Dec 13 2022

web feb 26 2018 i have more souls than one penguin modern by fernando pessoa 9780241339602 booktopia books non fiction literature poetry plays poetry individual poets book ebook 1 99 selling fast i have more souls than one penguin modern by fernando pessoa 0 0 no reviews write the first review edition number 1

i have more souls than one by fernando pessoa waterstones - $Feb\ 15\ 2023$

web feb 22 2018 i have more souls than one penguin modern paperback fernando pessoa author

i have more souls than one little modern classics penguin - Feb $03\ 2022$

web dramatic lyrical and ranging over four distinct personae these poems by one of portugal s greatest poets trace a mind shaken by intense suffering and a tireless search for meaning buy now takealot com

i have more souls than one penguin modern amazon co uk - Jun 19 2023

web i have more souls than one penguin modern 01 edition kindle edition by fernando pessoa author format kindle edition 4 5 4 5 out of 5 stars 359 ratings