

Jumbo Display
Dual Alarm AM/FM Clock Radio
with SmartSet®
Auto Time Setting System
and Sure Alarm

OWNER'S MANUAL CKS2237

(U.S. Patent No. 6,567,344)

Visit our web site at www.emersonradio.com

CKS2237\_073106.p65 22 31/7/2006, 11:34

# **Emerson Cks2237c User Guide**

# **Emerson Radio and Phonograph Corporation**

**Emerson Cks2237c User Guide:** 

Embark on a breathtaking journey through nature and adventure with Crafted by is mesmerizing ebook, Witness the Wonders in **Emerson Cks2237c User Guide**. This immersive experience, available for download in a PDF format ( PDF Size: \*), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

https://staging.conocer.cide.edu/About/Resources/Download\_PDFS/ingersoll%20rand%20nirvana%20cycling%20refrigerated %20dryer%20manual.pdf

#### Table of Contents Emerson Cks2237c User Guide

- 1. Understanding the eBook Emerson Cks2237c User Guide
  - The Rise of Digital Reading Emerson Cks2237c User Guide
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Emerson Cks2237c User Guide
  - 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 Emerson Cks2237c User Guide
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Emerson Cks2237c User Guide
  - Personalized Recommendations
  - Emerson Cks2237c User Guide User Reviews and Ratings
  - Emerson Cks2237c User Guide and Bestseller Lists
- 5. Accessing Emerson Cks2237c User Guide Free and Paid eBooks
  - Emerson Cks2237c User Guide Public Domain eBooks
  - Emerson Cks2237c User Guide eBook Subscription Services
  - Emerson Cks2237c User Guide Budget-Friendly Options

- 6. Navigating Emerson Cks2237c User Guide eBook Formats
  - o ePub, PDF, MOBI, and More
  - Emerson Cks2237c User Guide Compatibility with Devices
  - Emerson Cks2237c User Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Emerson Cks2237c User Guide
  - Highlighting and Note-Taking Emerson Cks2237c User Guide
  - Interactive Elements Emerson Cks2237c User Guide
- 8. Staying Engaged with Emerson Cks2237c User Guide
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Emerson Cks2237c User Guide
- 9. Balancing eBooks and Physical Books Emerson Cks2237c User Guide
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Emerson Cks2237c User Guide
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Emerson Cks2237c User Guide
  - Setting Reading Goals Emerson Cks2237c User Guide
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Emerson Cks2237c User Guide
  - Fact-Checking eBook Content of Emerson Cks2237c User Guide
  - 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

#### **Emerson Cks2237c User Guide Introduction**

Emerson Cks2237c User Guide Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Emerson Cks2237c User Guide Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Emerson Cks2237c User Guide: This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Emerson Cks2237c User Guide: Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Emerson Cks2237c User Guide Offers a diverse range of free eBooks across various genres. Emerson Cks2237c User Guide Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Emerson Cks2237c User Guide Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Emerson Cks2237c User Guide, especially related to Emerson Cks2237c User Guide, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Emerson Cks2237c User Guide, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Emerson Cks2237c User Guide books or magazines might include. Look for these in online stores or libraries. Remember that while Emerson Cks2237c User Guide, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Emerson Cks2237c User Guide eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Emerson Cks2237c User Guide full book, it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Emerson Cks2237c User Guide eBooks, including some popular titles.

#### FAQs About Emerson Cks2237c User Guide Books

- 1. Where can I buy Emerson Cks2237c User Guide 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 Emerson Cks2237c User Guide 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 Emerson Cks2237c User Guide 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 Emerson Cks2237c User Guide 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 Emerson Cks2237c User Guide books for free? Public Domain Books: Many classic books are available for free as theyre in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

#### Find Emerson Cks2237c User Guide:

ingersoll rand nirvana cycling refrigerated dryer manual

input file tire rolling simulation abagus

instamatic manual timer

ingersoll rand 231c instruction manual

innocente trahison tthe bride trilogy

ingersoll rand ssr epe 200 service manual

#### inkier than the sword the falconer files volume 3

inorganic chemistry study guide

inglis dryer manual

inspired robin mcgraw write her book

injector diagram 2g 1995 eclipse

insignia remote codes verizon fios

ingersoll rand t30 7100 manual

innocent 3 brandy league of worldly wise innocents volume 3

installation manual fog light toyota corolla 2006

#### Emerson Cks2237c User Guide:

#### pdf epub thank you for arguing fourth edition revised - Nov 08 2022

web apr 24 2020 whether you re a lover of language books or just want to win more anger free arguments on the page at the podium or over a beer thank you for arguing is for you

thank you for arguing pdf 11 93 mb pdf room - May 14 2023

web feb 28 2021 thank you for arguing what aristotle lincoln and homer simpson can teach us about the art of persuasion jay heinrichs 1st ed includes bibliographical references and index 1 persuasion rhetoric 2 debates and debating i title

# thank you for arguing symbols allegory and motifs - Jan 30 2022

web the question and answer section for thank you for arguing is a great resource to ask questions find answers and discuss the novel thank you for arguing study guide contains a biography of jay heinrichs literature essays quiz questions major themes characters and a full summary and analysis read the study guide for thank you for

thank you for arguing quotes explanations with page numbers - Jan 10 2023

web chapter 1 quotes to see just how pervasive argument is i recently attempted a whole day without persuasion free of advertising politics family squabbles or any psychological manipulation whatsoever

# thank you for arguing summary and study guide supersummary - Oct 07 2022

web thank you for arguing what aristotle lincoln and homer simpson can teach us about the art of persuasion 2020 is a new york times bestseller on rhetoric by jay heinrichs a journalist writer and publisher who specializes in argumentation methods the book was published in 14 languages and 4 editions selling over 500 000 copies

#### thank you for arguing what aristotle lincoln and hom - Jul 16 2023

web feb 27 2007 the title thank you for arguing is slightly misleading because the author jay heinrichs is attempting to dissuade people from the common reaction of blind arguing instead heinrichs wants people to learn how to debate again how to listen to each other s statements and respond accordingly

thank you for arguing third edition penguin random house - Mar 12 2023

web about thank you for arguing third edition a master class in the art of persuasion as taught by professors ranging from bart simpson to winston churchill newly revised and updated

thank you for arguing revised and updated edition what - Jun 15 2023

web thank you for arguing revised and updated edition what aristotle lincoln and homer simpson can teach us about the art of persuasion heinrichs jay on amazon com free shipping on qualifying offers

thank you for arguing fourth edition revised and updated - Apr 13 2023

web apr 21 2020 thank you for arguing fourth edition revised and updated what aristotle lincoln and homer simpson can teach us about the art of persuasion kindle edition by heinrichs jay download it once and read

#### thank you for arguing metaphors and similes gradesaver - Dec 29 2021

web the question and answer section for thank you for arguing is a great resource to ask questions find answers and discuss the novel thank you for arguing study guide contains a biography of jay heinrichs literature essays quiz questions major themes characters and a full summary and analysis read the study guide for thank you for

thank you for arguing how to cite litcharts - May 02 2022

web may 2 2017 save any guide for easy access later teachers and parents our teacher edition on thank you for arguing makes teaching easy for every book you read sooo much more helpful than sparknotes the way the content is organized and presented is seamlessly smooth innovative and comprehensive

#### thank you for arguing fourth edition revised and updated - Sep 06 2022

web apr 21 2020 crown apr 21 2020 language arts disciplines 480 pages the definitive guide to getting your way revised and updated with new material on writing speaking framing and other key tools for arguing more powerfully

# thank you for arguing study guide literature guide litcharts - Aug 17 2023

web feb 27 2007 the best study guide to thank you for arguing on the planet from the creators of sparknotes get the summaries analysis and quotes you need

# rhetoric and ethics theme in thank you for arguing litcharts - Jul 04 2022

web throughout thank you for arguing heinrichs raises the ethical question of how rhetoric can and should be used rhetoric can be a tool of manipulation and hypocrisy with which a skillful speaker can con an audience into believing utter lies thank you for arguing pages 1 50 flip pdf download - Feb 28 2022

web sep 2 2020 check pages 1 50 of thank you for arguing in the flip pdf version thank you for arguing was published by tsukiko city on 2020 09 02 find more similar flip pdfs like thank you for arguing download thank you for arguing pdf for free thank you for arguing by jay heinrichs plot summary litcharts - Aug 05 2022

web in thank you for arguing jay heinrichs endeavors to show why the lost art of rhetoric the study of argument and persuasion can help people understand the world help them succeed and generally improve their lives in part one offense heinrichs lays out the basics of arguing

#### thank you for arguing important quotes supersummary - Dec 09 2022

web thank you for arguing what aristotle lincoln and homer simpson can teach us about the art of persuasion a modern alternative to sparknotes and cliffsnotes supersummary offers high quality study guides that feature detailed chapter summaries and analysis of major themes characters quotes and essay topics

# thank you for arguing chapter 1 summary analysis litcharts - Feb 11 2023

web thank you for arguing chapter 1 summary analysis next chapter 2 themes and colors key summary analysis early in the morning jay heinrichs sits in his kitchen watching as his teenaged son george heinrichs eats breakfast noticing the empty tube of toothpaste in the bathroom he shouts george who used all the toothpaste

thank you for arguing audiobook chapters 1 4 youtube - Jun 03 2022

web dec 4 2022 thank you for arguing audiobook chapters 1 4 insert text 81 subscribers subscribe like 4 1k views 8 months ago auto render of jay heinrichs s thank you for arguing chapters 1

# thank you for arguing quotes gradesaver - Apr 01 2022

web the thank you for arguing community note includes chapter by chapter summary and analysis character list theme list historical context author biography and quizzes written by community members like you

mohrbooks com - Dec 06 2022

web mohrbooks com

könige der finsternis moly - Nov 05 2022

web nicholas eames könige der finsternis 2 nicholas eames die schwarze schar eredeti sorozat 2 the band angol nyelv könige der finsternis die saga band 1 kapitel 223 - Apr 29 2022

web listen to könige der finsternis die saga band 1 kapitel 223 on spotify nicholas eames song 2019

könige der finsternis e kitap nicholas eames epub kobo com - Jul 01 2022

web rakuten kobo dan nicholas eames tarafından könige der finsternis roman kitabını okuyun einst war clay cooper mitglied der gefürchtetsten söldnertruppe im ganzen

# kanunun kuvveti vikipedi - Mar 29 2022

web film 1975 yılında french connection ii isminde bir devam filmi çekilmiştir kanunun kuvveti 2005 yılında kongre kütüphanesi tarafından kültürel tarihi ve estetik olarak

könige der finsternis die saga ungekürzt fantasy fantasy - Apr 10 2023

web einst war clay cooper mitglied der gefürchtetsten söldnertruppe im ganzen land kein ungeheuer das nicht von ihnen besiegt wurde keine jungfrau in nöten die nicht von

# Übersetzung für finsternis im türkisch reverso context - Dec 26 2021

web Übersetzung im kontext von finsternis in deutsch türkisch von reverso context mächte der finsternis die mächte der finsternis Übersetzung context spell check synonyme

#### könige der finsternis book series ebooks rakuten kobo - Oct 04 2022

web search results for könige der finsternis at rakuten kobo read free previews and reviews from booklovers shop ebooks and audiobooks at rakuten kobo

# könige der finsternis eames nicholas 9783961541805 - Sep 03 2022

web aug 1 2019 könige der finsternis eames nicholas on amazon com free shipping on qualifying offers könige der finsternis **könige der finsternis die saga band 1 overdrive** - Jan 07 2023

web jul 19 2019 einst war clay cooper mitglied der gefürchtetsten söldnertruppe im ganzen land kein ungeheuer das nicht von ihnen besiegt wurde keine jungfrau in nöten die

#### könige der finsternis roman amazon de - Aug 14 2023

web einst war clay cooper mitglied der gefürchtetsten söldnertruppe im ganzen land kein ungeheuer das nicht von ihnen besiegt wurde keine jungfrau in nöten die nicht von

finsternis Übersetzung englisch deutsch dict cc - Nov 24 2021

web armee der finsternis games f broken sword 2 the smoking mirror baphomets fluch 2 die spiegel der finsternis film f darkness jaume balagueró darkness tv titel

# finsternis deutsch türkisch Übersetzung pons - Jan 27 2022

web der aufstieg der beiden wanderer aus der finsternis zum licht ist der symbolik und den initiationsriten der freimaurerei zuzurechnen de wikipedia org er befasste sich auch mit

#### könige der finsternis kitap serisi ekitaplar rakuten kobo türkiye - Feb 08 2023

web könige der finsternis için arama sonuçları booklovers ücretsiz önizleme ve yorumları okuyun kobo de ebooks alışveriş bill gross sieht ganz neue bond könige gundlach ist nicht dabei - Oct 24 2021

web september 12 2023 at 1 44 am pdt wenn es um die frage geht ob es einen neuen bond könig in der welt gibt ist sich bill gross sicher jeffrey gundlach trägt die krone nicht

#### chroniken der finsternis trailer german deutsch 2019 - May 31 2022

web offizieller chroniken der finsternis die trilogie trailer deutsch german 2019 abonnieren abo yt kc ot Гоголь Страшная месть movie traile

# könige der finsternis mp3 format lesung ungekürzte - Mar 09 2023

web könige der finsternis mp3 format lesung ungekürzte ausgabe die saga eames nicholas vossenkuhl josef siefener michael isbn 9783961541805 kostenloser

könige der finsternis ebook by nicholas eames kobo com - Feb 25 2022

web read könige der finsternis roman by nicholas eames available from rakuten kobo einst war clay cooper mitglied der gefürchtetsten söldnertruppe im ganzen land kein

#### series könige der finsternis overdrive - May 11 2023

web könige der finsternis series nicholas eames author michael siefener translator 2020

könige der finsternis roman german edition kindle edition - Jun 12 2023

web feb 11 2019 die menschen entsprechen den typischen fantasy klischee sexy räuberinen muskelbepackte gegner zauberer haben lange weiße bärte und sind leicht

buchreihe könige der finsternis von nicholas eames in - Jul 13 2023

web feb 10 2019 einst war clay cooper mitglied der gefürchtetsten söldnertruppe im ganzen land kein ungeheuer das nicht von ihnen besiegt wurde keine jungfrau in nöten die

#### könige der finsternis book series ebooks kobo com - Aug 02 2022

web search results for könige der finsternis at rakuten kobo read free previews and reviews from booklovers shop ebooks and audiobooks at rakuten kobo

#### the fault in our stars rotten tomatoes - Dec 30 2022

web movie info hazel grace lancaster shailene woodley a 16 year old cancer patient meets and falls in love with gus waters ansel elgort a similarly afflicted teen from her cancer support group

#### the fault in our stars subtitles english opensubtitles com - Nov 16 2021

web the fault in our stars movie one sick love story despite the tumor shrinking medical miracle that has bought her a few years hazel has never been anything but terminal her final chapter inscribed upon diagnosis but when a patient named augustus waters suddenly appears at cancer kid support group hazel s story is about to be completely

# the fault in our stars disney - Feb 17 2022

web hazel and gus share a love that sweeps them on an unforgettable journey

review the fault in our stars earns its big fat tears time - Jan 31 2023

web jun 5 2014 hazel grace lancaster shailene woodley and augustus waters ansel elgort don t have absolutely everything in common for example her favorite book is the death drenched an imperial

the fault in our stars review manipulative and crass - Oct 28 2022

web jun 19 2014 the fault in our stars reaches a nadir of horror when hazel and gus visit the anne frank house the couple are overwhelmed with emotion at their own situation and make out while the surrounding

#### the fault in our stars official trailer hd 20th century fox - Nov 28 2022

web jan 29 2014 the fault in our stars official trailer hazel shailene woodley and gus ansel elgort are two extraordinary teenagers who share an acerbic wit a disdain for the conventional and a love that

the fault in our stars it s a real story bbc news - May 23 2022

web jun 18 2014 teen romance the fault in our stars trounced tom cruise s latest action movie at the us box office and is about to see uk cinemas flooded with tears

#### the fault in our stars film wikipedia - Sep 07 2023

web the fault in our stars is a 2014 american coming of age romance film directed by josh boone from a screenplay by scott neustadter and michael h weber based on the 2012 novel of the same name by john green

#### the fault in our stars 2014 imdb - Jun 23 2022

web based on the bestselling book by john greene the movie stars the talented shailene woodly as hazel grace lancaster a teenager with stage 4 thyroid cancer with metastasis forming in her lungs she s been living with this disease since she was 13 and now she lugs around an oxygen tank with a nasal cannula

#### book adaptations how the fault in our stars time - Mar 21 2022

web june 3 2014 4 00 pm edt fans of john green s beloved bestseller the fault in our stars have been waiting just two years for the film adaptation on june 6 but for devout followers of the

the fault in our stars 2014 full cast crew imdb - Jul 25 2022

web the fault in our stars 2014 full cast crew imdb new customer edit the fault in our stars 2014 full cast crew see agents for

this cast crew on imdbpro directed by josh boone writing credits cast in credits order verified as complete produced by music by cinematography by ben richardson director of photography editing by

#### the fault in our stars 2014 imdb - Jul 05 2023

web jun 6 2014 the fault in our stars directed by josh boone with shailene woodley ansel elgort nat wolff laura dern two teenage cancer patients begin a life affirming journey to visit a reclusive author in amsterdam

the internet movie script database imsdb - May 03 2023

web the internet movie script database imsdb the web s largest movie script resource

the fault in our stars 2014 awards imdb - Dec 18 2021

web ansel elgort ansel elgort s touching role as augustus waters a teen with cancer left audiences as impressed as they were tear stained 2015 nomineemtv movie award

the fault in our stars 2014 the movie database tmdb - Mar 01 2023

web may 16 2014 this movie was based on the teen novel of the same name about a 16 years old cancer patient hazel grace who is battling between life and death is also a strong fighter against all the odds when her mother sends her to attend the group therapy she meets augustus water a fellow member as she is being sarcastic waters finds an

#### bbc three the fault in our stars - Jan 19 2022

web feb 19 2023 the fault in our stars emotional coming of age romance about two sharp witted unconventional teens who find love at a cancer support group based on john green s best selling young adult novel

the fault in our stars movie review common sense media - Apr 21 2022

web parents need to know that the fault in our stars is a tear jerking love story about two deep thinking teens with cancer and is based on one of the most beloved young adult books in recent history by superstar author john green the fault in our stars 2014 extended official hd trailer - Aug 26 2022

web apr 28 2014 starring shailene woodley and ansel elgort based on the bestselling novel by john green subscribe yhoo it 2nlr2nw follow us on facebook

#### the screenwriting team behind the fault in our stars the new york times - Jun 04 2023

web may 30 2014 the fault in our stars directed by josh boone stuck in love will rise or fall based on how the book s admirers respond with nearly 11 million copies in print worldwide the

#### libbi gorr on elle mcfeast and the controversial interview that - Oct 16 2021

web nov 5 2023 libbi gorr knows the power of taking risks they can fly you high or bring you crashing down but she s got a message for generation z take them be bold says the woman who launched her sassy

the fault in our stars movie review 2014 roger ebert - Apr 02 2023

web jun 6 2014 the film version of the best selling novel the fault in our stars feels emotionally inert despite its many moments that are meant to put a lump in our throats perhaps it s trying so hard to bludgeon us over the head and make us feel deeply that the result is numbing instead

# screenplay the fault in our stars daily actor - Sep 26 2022

web nov 17 2014 the fault in our stars screenplay hazel and gus are two extraordinary teenagers who share an acerbic wit a disdain for the conventional and a love that sweeps them and us on an unforgettable journey their relationship is all the more miraculous given that they met and fell in love at a cancer support group

#### the fault in our stars movie script - Aug 06 2023

web apr 7 2016 the fault in our stars synopsis hazel grace lancaster shailene woodley a 16 year old cancer patient meets and falls in love with gus waters ansel elgort a similarly afflicted teen from her cancer support group hazel feels that gus really understands her

the fault in our stars 2014 screenplay script slug - Oct 08 2023

web nov 3 2023 despite the tumor shrinking medical miracle that has bought her a few years hazel has never been anything but terminal her final chapter inscribed upon diagnosis but when a patient named augustus waters suddenly appears at cancer kid support group hazel s story is about to be completely rewritten