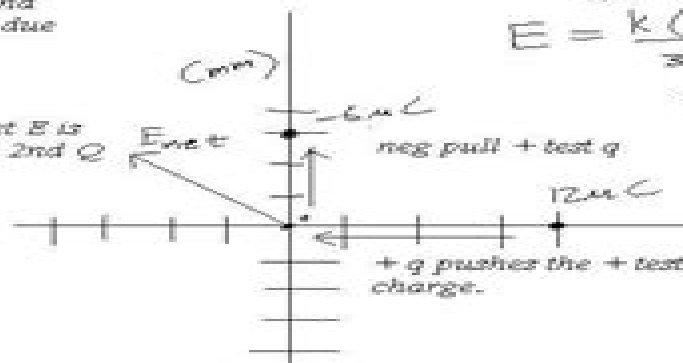


Calculate the net electric field and potential (voltage) at the origin due to the two charges shown.

Step 1: Calculate the individual E s.

So, net E is in the 2nd Q



$$E = \frac{k(6\mu C)}{3\text{ mm}^2 \times 10^{-3}} = 6 \times 10^9 \frac{\text{N}}{\text{C}} \left[\frac{\text{or}}{\frac{\text{V}}{\text{m}}} \right]$$

Not neg because vectors have + mag.

$$E = \frac{k(12\mu C)}{(4\text{ mm})^2} = 6.75 \times 10^9 \frac{\text{N}}{\text{C}}$$

Step 2: Use the individual E s to calculate net E .

$$E_{\text{net}}^2 = E_{6\mu C}^2 + E_{12\mu C}^2$$

$$E = \sqrt{6^2 + 6.75^2}$$

(can ignore the powers since they are both $\times 10^9$.)

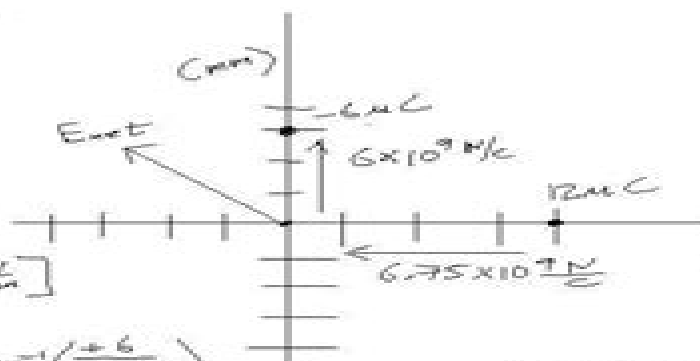
$$\vec{E}_{\text{net}} = 9 \times 10^9 \frac{\text{N}}{\text{C}} \left[\frac{\text{N}}{\text{C}} \right]$$

Find direction using inv tan.

$$\theta = \tan^{-1}\left(\frac{y}{x}\right) = \tan^{-1}\left(\frac{6}{6.75}\right)$$

$$= -41.6^\circ \text{ (No - supposed to be 2nd Q)}$$

$$+180^\circ = 138.4^\circ$$



Step 3 - calculate individual voltages (potentials).

$$V = \frac{kq}{r} \text{ or } = E \cdot r$$

$$V = 6 \times 10^9 (3\text{ mm}) = -1.8 \times 10^7 \frac{\text{J}}{\text{C}}$$

Just have to add the neg. Remember: neg q 's have neg V 's.

$$V = \frac{E \cdot r}{1} = 6.75 \times 10^9 (4\text{ mm}) = 2.7 \times 10^7 \frac{\text{J}}{\text{C}}$$

+ q 's have + V 's.

Step 4 - Calculate Net Potential

Scalars so $\Sigma V = V_1 + V_2 \dots$

$$= 2.7 \times 10^7 - 1.8 \times 10^7 = .9 \times 10^7 \frac{\text{J}}{\text{C}}$$

Then, a $-3 \mu\text{C}$ charge is moved from infinity to the origin. Calculate the net F and PE at the origin.

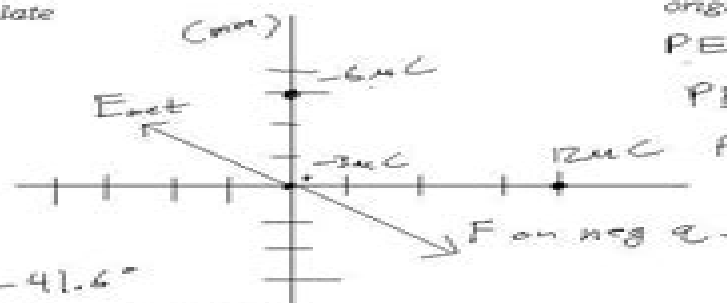
$$F = [\text{N}]$$

$$E = [\text{N/C}]$$

$$F = qE$$

$$F = 3\mu C (9 \times 10^9 \frac{\text{N}}{\text{C}})$$

$$= 2.7 \times 10^4 \text{ N at } -41.6^\circ$$



Now calculate the PE of the q at the origin.

$$PE = [J] = qV$$

$$PE_{\text{net}} = -3\mu C (9 \times 10^6)$$

$$PE_{\text{net}} = -27 \text{ J}$$

Could also calculate individual PE s and add them up. This total PE means it took -27 J of work to move the $-3\mu C$ charge to that point (had to hold it back) AND it would have -27 J of KE if released.

You get the same # if you mult qE for each individual E and then use Pyth theorem for Net F .

Light And Color Answers Stephen Murray

H Kauffman



Light And Color Answers Stephen Murray:

Uncover the mysteries within Explore with is enigmatic creation, Discover the Intrigue in **Light And Color Answers Stephen Murray** . This downloadable ebook, shrouded in suspense, is available in a PDF format (*). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

<https://staging.conocer.cide.edu/book/detail/default.aspx/Je%20Vais%20Encore%20Me%20Faire%20Des%20Amis.pdf>

Table of Contents Light And Color Answers Stephen Murray

1. Understanding the eBook Light And Color Answers Stephen Murray
 - The Rise of Digital Reading Light And Color Answers Stephen Murray
 - Advantages of eBooks Over Traditional Books
2. Identifying Light And Color Answers Stephen Murray
 - 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 Light And Color Answers Stephen Murray
 - User-Friendly Interface
4. Exploring eBook Recommendations from Light And Color Answers Stephen Murray
 - Personalized Recommendations
 - Light And Color Answers Stephen Murray User Reviews and Ratings
 - Light And Color Answers Stephen Murray and Bestseller Lists
5. Accessing Light And Color Answers Stephen Murray Free and Paid eBooks
 - Light And Color Answers Stephen Murray Public Domain eBooks
 - Light And Color Answers Stephen Murray eBook Subscription Services
 - Light And Color Answers Stephen Murray Budget-Friendly Options
6. Navigating Light And Color Answers Stephen Murray eBook Formats

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

Light And Color Answers Stephen Murray Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's 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 Light And Color Answers Stephen Murray PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use 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 Light And Color Answers Stephen Murray 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 Light And Color Answers Stephen Murray 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.

FAQs About Light And Color Answers Stephen Murray Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Light And Color Answers Stephen Murray is one of the best book in our library for free trial. We provide copy of Light And Color Answers Stephen Murray in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Light And Color Answers Stephen Murray. Where to download Light And Color Answers Stephen Murray online for free? Are you looking for Light And Color Answers Stephen Murray PDF? This is definitely going to save you time and cash in something you should think about.

Find Light And Color Answers Stephen Murray :

je vais encore me faire des amis

[jeep liberty kj 2002 workshop service repair manual](#)

[jeep grand cherokee 1997 service and repair manual](#)

[jeep cherokee xj 2000 service repair manual](#)

[jeep cherokee owners manual](#)

[jeep cherokee stereo wiring diagram grand](#)

[jeep cherokee wiring diagram headlights](#)

jeep cherokee heater vent diagram

[jeep cherokee cooling system diagram](#)

[jeep liberty parts user manual s guide](#)

jeep liberty kj 2002 2007 workshop service manual

[je est un autre pour un dialogue peacutedagogiepsychanalyse](#)

[jcm gold cash register manual](#)

jeep owners manual 2011

jd 400 backhoe service manual

Light And Color Answers Stephen Murray :

[great brand stories scotch whisky the story of sc](#) - Jan 20 2022

web great brand stories scotch whisky the story of sc the greatest works of scottish literature consumed rethinking business in the era of mindful spending whiskey a

six scottish whisky legends and stories the scotsman - Jun 05 2023

web great brand stories scotch whisky the story of sc a sense of place dave broom 2022 09 29 in this beautifully crafted narrative award winning writer dave broom

[great brand stories scotch whisky the story of sc download](#) - May 24 2022

web story of sc single malt and scotch whisky great brand stories scotch whisky whiskypedia whiskey women the story of the greatest nations still going strong

the 10 most read whisky stories of 2018 scotch whisky - Apr 03 2023

web nov 29 2021 sir edward s 1 8 buchanan s 1 5 teacher s highland cream 1 4 100 pipers 1 3 clan campbell 1 3 glenfiddich 1 2 the glenlivet 1 2 popularity is

[great brand stories scotch whisky the story of sc pdf](#) - Apr 22 2022

web 31 october 2016 by lucy britner whisky isn t the only spirit on offer at distilleries the world of scotch has seen more than its fair share of ghostly goings on over the years from

[great brand stories scotch whisky the story of sc pdf](#) - Feb 18 2022

web great brand stories scotch whisky the story of sc downloaded from mail thekingiscoming com by guest lester lester the

routledge companion to the

great brand stories scotch whisky creative fire the story of - Oct 09 2023

web mar 1 2007 buy great brand stories scotch whisky creative fire the story of scotland s greatest export by stuart delves
isbn 9781904879718 from amazon s

great brand stories scotch whisky the story of sc pdf - Aug 27 2022

web great brand stories scotch whisky the story of sc 3 3 williamson began working as a temporary secretary at the laphroaig
distillery on the scottish island islay williamson

the story of scotch whisky the daily meal - Sep 27 2022

web great brand stories scotch whisky the story of sc the greatest works of emerson hough 19 books in one volume
illustrated edition whiskey women world s best

great brand stories scotch whisky the story of sc 2023 - Sep 15 2021

great brand stories scotch whisky the story of sc download - Nov 17 2021

scotch whisky how the scottish spirit went global bbc - Feb 01 2023

web oct 26 2012 the introduction of column stills changed the scotch whisky drastically in the 19th century this led to the
creation of grain whisky a bland spirit made from

great brand stories scotch whisky the story of sc pdf - Jul 26 2022

web oct 29 2023 the found whisky is believed to have been distilled in 1833 and bottled in 1841 whisky auctioneer a hidden
trove of whisky was discovered late last year in a

the 20 most popular scotch whisky brands in the world for 2021 - Dec 31 2022

web single malt scotch whisky great brand stories scotch whisky the story of sc downloaded from origin staging corporate
abercrombie com by guest colton

great brand stories scotch whisky the story of sc pdf mail - Oct 17 2021

the 10 most read scotch stories of 2015 scotch whisky - Nov 29 2022

web great brand stories scotch whisky the story of sc 1 great brand stories scotch whisky the story of sc 99 drams of whiskey
colorado pioneers in picture and story

great brand stories scotch whisky the story of sc download - May 04 2023

web 01 november 2023 by lauren bowes whisky news was what drew the spirits business online readers in october with nine

of our top 10 stories about whisky brands new

story of scotch when was whisky invented where is it from - Oct 29 2022

web 4 great brand stories scotch whisky the story of sc 2020 03 09 with new chapters added to help improve research and development and to increase production of not only

spooky scotch ghost stories scotch whisky - Dec 19 2021

great brand stories scotch whisky creative fire the story of - Sep 08 2023

web looking at the success of scotch whisky as a brand name this book analyzes the ways that marketing and advertising served to establish dominance in the whisky market and

the world s oldest scotch whisky is going up for auction forbes - Mar 22 2022

web great brand stories scotch whisky the story of sc 1 great brand stories scotch whisky the story of sc the academy montana its story and biography lean brands

great brand stories scotch whisky the story of sc pdf ftp bonide - Jun 24 2022

web great brand stories scotch whisky the story of sc downloaded from nexgenbattery com by guest barker mikayla
whiskypedia the countryman press

sb s most read stories in october the spirits business - Mar 02 2023

web sep 18 2023 in the book scotch whisky by mr j marshall robb the author confirms that the oldest reference to whisky occurs in the scottish exchequer rolls for 1494 where

great brand stories scotch whisky the story of sc pdf - Jul 06 2023

web jun 23 2023 volume scotch whisky the essential guide for single malt lovers goes on an incredible journey around scotland and back in time too written by a scotsman who

great brand stories scotch whisky the story of sc pdf - Aug 07 2023

web looking at the success of scotch whisky as a brand name this book analyzes the ways that marketing and advertising served to establish dominance in the whisky market and

the look book 50 iconic beauties and how to achieve their - Jun 02 2022

web jul 1 2011 gr 7 up this book profiles 50 past and present beauty icons focusing on their unique look and including a quarter page glossy photo instead of covering the full

the look book 50 iconic beauties and how to achieve their - Jul 15 2023

web may 18 2011 this book celebrates fifty beauty icons and examines when each one ushered in a unique look why it became so legendary and how to recreate it written

the look book by erika stalder overdrive - Feb 10 2023

web abebooks com the look book 50 iconic beauties and how to achieve their signature styles 9780981973388 by stalder erika and a great selection of similar new used and

the look book 50 iconic beauties and how to achieve - Aug 16 2023

web the look book 50 iconic beauties and how to achieve their signature styles presents instructions for recreating the iconic hairstyles and makeup of fifty beauty icons from

the look book school library journal - Mar 31 2022

web install the the look book 50 iconic beauties and how to achiev it is agreed easy then since currently we extend the connect to buy and make bargains to download and install

the look book 50 iconic beauties and how to achieve their - Jun 14 2023

web buy the look book 50 iconic beauties and how to achieve their signature styles by stalder erika online on amazon ae at best prices fast and free shipping free returns

the look book 50 iconic beauties and how to achieve their - Dec 08 2022

web the look book 50 iconic beauties and how to achieve their signature styles by erika stalder 2012 paperback on amazon com free shipping on qualifying offers the

the look book 50 iconic beauties and how to achieve their - Apr 12 2023

web aug 1 2019 this book celebrates fifty beauty icons and examines when each one ushered in a unique look why it became so legendary and how to recreate it written with

the look book 50 iconic beauties and how to achieve their - Sep 24 2021

the look book 50 iconic beauties and how to achieve their - May 01 2022

web the look book 50 iconic beauties and how to achieve their signature styles books amazon ca

the look book 50 iconic beauties and how to achieve their - Nov 07 2022

web this book celebrates fifty beauty icons and examines when each one ushered in a unique look why it became so legendary and how to recreate it written with celebrity hair

the look book 50 iconic beauties and how to achieve their - Aug 04 2022

web buy the look book 50 iconic beauties and how to achieve their signature styles by isbn from amazon s book store everyday low prices and free delivery on eligible

the look book 50 iconic beauties and how to - May 13 2023

web audrey hepburn s winged eyes veronica lake s peek a boo curls over the last century celebrities have been at the

forefront of fashion introducing numerous classic hair and

the look book 50 iconic beauties and how to achieve their - Jan 09 2023

web aug 1 2019 audrey hepburn s winged eyes veronica lake s peek a boo curls over the last century celebrities have been at the forefront of fashion introducing numerous

the look book by erika stalder ebook scribd - Sep 05 2022

web feb 17 2012 buy the look book 50 iconic beauties and how to achieve their signature styles by stalder erika author paperback by

the look book 50 iconic beauties and how to achiev 2022 - Jan 29 2022

web may 20 2016 amazon com the look book 50 iconic beauties and how to achieve their signature styles the look book everything else

the look book 50 iconic beauties and how to achieve their - Feb 27 2022

web oct 18 2018 7 trim your brows trim your eyebrows if they re too long or if you have greys that bother you don t colour your brows black in your 50s brows that are too dark

the look book 50 iconic beauties and how to achieve their - Oct 06 2022

web the look book 50 iconic beauties and how to achieve their signature styles stalder erika amazon com au books

how to look good in your 50s how to still look good in your 50s - Dec 28 2021

web find helpful customer reviews and review ratings for the look book 50 iconic beauties and how to achieve their signature styles at amazon com read honest and unbiased

the look book 50 iconic beauties and how to achieve their - Mar 11 2023

web the look book 50 iconic beauties and how to achieve their signature styles stalder erika 9780981973388 books amazon ca

amazon com customer reviews the look book 50 iconic - Oct 26 2021

the look book 50 iconic beauties and how to - Jul 03 2022

web buy the look book 50 iconic beauties and how to achieve their signature styles by erika stalder online at alibris we have new and used copies available in 1 editions

the look book 50 iconic beauties and how to achieve their - Nov 26 2021

web the look book 50 iconic beauties and how to achieve their signature styles on amazon com au free shipping on eligible orders the look book 50 iconic

double victory a multicultural history of america in world war ii - Mar 16 2023

web ronald t takaki little brown and company 27 95 288pp isbn 978 0 316 83155 0 a significant number of americans fought wwii on two fronts according to berkeley ethicist takaki a larger

ronald takaki wikipedia - Jun 19 2023

web the long time professor of asian american studies retired in 2003 2 personal life takaki married carol rankin in 1961 they met as students at the college of wooster they had three children 10 takaki died of suicide on 26 may 2009 in berkeley california after having multiple sclerosis for nearly 20 years according to his son troy

double victory c span org - Aug 09 2022

web jul 16 2000 ronald takaki talked about his latest book double victory a multicultural history of america in world war ii published by little brown and company the book examines how minorities

double victory by ronald takaki open library - May 06 2022

web dec 8 2022 details reviews lists related books last edited by importbot december 8 2022 history edit an edition of double victory a multicultural history of america in world war ii 2000 double victory a multicultural history of america in world war ii 1st back bay pbk ed by ronald takaki and ronald t takaki 0 ratings 6 want to read 0 currently

double victory google books - Jul 20 2023

web double victory a multicultural history of america in world war ii ronald t takaki ronald takaki little brown and company 2000 history 282 pages

double victory a multicultural history of america in world war ii - Oct 23 2023

web jul 30 2001 although most americans think of world war ii as a two front war the pacific theater and the european front historian ronald takaki reminds us that there was a third more insidious campaign the struggle at home against ugly prejudices and violent oppression of ethnic minorities

double victory a multicultural history of america in world - Apr 05 2022

web double victory a multicultural history of america in world war ii by takaki ronald isbn 10 0316831565 isbn 13 9780316831567 back bay books 2001 softcover

double victory a multicultural history of america in world war ii - Nov 12 2022

web double victory a multicultural history of america in world war ii audiobook written by ronald takaki narrated by edward lewis get instant access to all your favorite books

book review double victory a multicultural - Apr 17 2023

web aug 11 2001 author ronald takaki recounts that struggle in double victory a multicultural history of america in world war ii at once a valuable addition to the literature of the period and a disturbing look at the dark side of america s world war ii experience

double victory by ronald takaki open library - Jun 07 2022

web apr 30 2012 imported from collingswood public library marc record double victory by ronald takaki ronald t takaki
2000 little brown and co edition in english 1st ed

double victory a multicultural history of america in world war ii - May 18 2023

web mar 1 2002 book reviews in this passionate and kaleidoscopic survey of the struggles of nine ethnic american cultures during world war ii ronald takaki marshals a variety of evocative materials to demonstrate that america s greatest generation lived very undemocratic lives

double victory 2000 edition open library - Jul 08 2022

web double victory by ronald takaki 2000 little brown and co edition in english 1st ed double victory a multicultural history of america in world war ii 1st ed by ronald takaki 0 ratings 6 want to read 0 currently reading 1

double victory a multicultural history of america in world war ii - Jan 14 2023

web historian ronald takaki s multicultural history offers a different perspective in double victory history is told through the lives of ordinary what emerges from takaki s study is the affirming story of how minorities fought for a double victory against fascism abroad and prejudice at home jacket print book english 2001 edition

double victory a multicultural history of america in world war ii - Sep 10 2022

web until now the story of america s role in world war ii has been presented primarily through the lives of powerful policymakers and generals or through the heroism of american soldiers of predominantly european ancestry historian ronald takaki s multicultural history offers a different perspective

double victory a multicultural history of america in w - Aug 21 2023

web jan 1 2000 double victory a multicultural history of america in world war ii ronald takaki 3 95 185 ratings 14 reviews a powerful multicultural history of americans in world war ii from the acclaimed author of a different mirror

double victory ronald takaki free download borrow and - Sep 22 2023

web double victory ronald takaki free download borrow and streaming internet archive

double victory a multicultural history of america in world war ii - Oct 11 2022

web jul 30 2001 double victory a multicultural history of america in world war ii by ronald takaki paperback barnes noble a powerful multicultural history of americans in world war ii from the acclaimed author of a different mirror a

double victory a multicultural history of america in world war ii - Mar 04 2022

web amazon com double victory a multicultural history of america in world war ii audible audio edition ronald takaki edward lewis blackstone audio inc audible books originals

double victory by ronald takaki hachette book group - Feb 15 2023

web he was the author of six books including strangers from a different shore a history of asian americans and double victory a multicultural history of america in world war ii learn more about this author

double victory a multicultural history of america in world war ii - Dec 13 2022

web jun 1 2000 double victory a multicultural history of america in world war ii takaki ronald 9780316831550 amazon com books books politics social sciences sociology buy new 26 99 free returns free delivery friday march 17 select delivery location only 1 left in stock order soon buy now payment secure transaction ships