

## Starter:

In a box of 4 lightbulbs the number of faulty light bulb are given by the probability density function below

X	0	1	2	3	4
P(X=x)	0.45	0.25	0.17	0.08	0.05

- Find summary statistics for the data above ( $E[X]$  and  $\text{Var}[X]$ )
- Comment on the reliability of the light bulbs

$$E[X] = (0 \times 0.45) + (1 \times 0.25) + (2 \times 0.17) + (3 \times 0.08) + (4 \times 0.05) = 1.03$$

$$E[X^2] = (0^2 \times 0.45) + (1^2 \times 0.25) + (2^2 \times 0.17) + (3^2 \times 0.08) + (4^2 \times 0.05) = 2.51$$

$$\text{Var}[X] = 1^2 \times \frac{1}{17} + 2^2 \times \frac{2}{17} + 3^2 \times \frac{3}{17} + 4^2 \times \frac{5}{17} + 5^2 \times \frac{6}{17} = \frac{266}{17}$$

$$\text{Var}(x) = \frac{266}{17} = 1.4471$$

# Mei Edexcel Statistics Discrete Random Values

**Joacim Rocklöv**



## **Mei Edexcel Statistics Discrete Random Values:**

This book delves into Mei Edexcel Statistics Discrete Random Values. Mei Edexcel Statistics Discrete Random Values is an essential topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Mei Edexcel Statistics Discrete Random Values, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
    - Chapter 1: Introduction to Mei Edexcel Statistics Discrete Random Values
    - Chapter 2: Essential Elements of Mei Edexcel Statistics Discrete Random Values
    - Chapter 3: Mei Edexcel Statistics Discrete Random Values in Everyday Life
    - Chapter 4: Mei Edexcel Statistics Discrete Random Values in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Mei Edexcel Statistics Discrete Random Values. This chapter will explore what Mei Edexcel Statistics Discrete Random Values is, why Mei Edexcel Statistics Discrete Random Values is vital, and how to effectively learn about Mei Edexcel Statistics Discrete Random Values.
  3. In chapter 2, this book will delve into the foundational concepts of Mei Edexcel Statistics Discrete Random Values. This chapter will elucidate the essential principles that must be understood to grasp Mei Edexcel Statistics Discrete Random Values in its entirety.
  4. In chapter 3, the author will examine the practical applications of Mei Edexcel Statistics Discrete Random Values in daily life. The third chapter will showcase real-world examples of how Mei Edexcel Statistics Discrete Random Values can be effectively utilized in everyday scenarios.
  5. In chapter 4, the author will scrutinize the relevance of Mei Edexcel Statistics Discrete Random Values in specific contexts. This chapter will explore how Mei Edexcel Statistics Discrete Random Values is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Mei Edexcel Statistics Discrete Random Values. The final chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Mei Edexcel Statistics Discrete Random Values.

[https://staging.conocer.cide.edu/results/virtual-library/HomePages/Harnessing\\_3d\\_Studio\\_Max.pdf](https://staging.conocer.cide.edu/results/virtual-library/HomePages/Harnessing_3d_Studio_Max.pdf)

## **Table of Contents Mei Edexcel Statistics Discrete Random Values**

1. Understanding the eBook Mei Edexcel Statistics Discrete Random Values
  - The Rise of Digital Reading Mei Edexcel Statistics Discrete Random Values
  - Advantages of eBooks Over Traditional Books
2. Identifying Mei Edexcel Statistics Discrete Random Values
  - 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 Mei Edexcel Statistics Discrete Random Values
  - User-Friendly Interface
4. Exploring eBook Recommendations from Mei Edexcel Statistics Discrete Random Values
  - Personalized Recommendations
  - Mei Edexcel Statistics Discrete Random Values User Reviews and Ratings
  - Mei Edexcel Statistics Discrete Random Values and Bestseller Lists
5. Accessing Mei Edexcel Statistics Discrete Random Values Free and Paid eBooks
  - Mei Edexcel Statistics Discrete Random Values Public Domain eBooks
  - Mei Edexcel Statistics Discrete Random Values eBook Subscription Services
  - Mei Edexcel Statistics Discrete Random Values Budget-Friendly Options
6. Navigating Mei Edexcel Statistics Discrete Random Values eBook Formats
  - ePub, PDF, MOBI, and More
  - Mei Edexcel Statistics Discrete Random Values Compatibility with Devices
  - Mei Edexcel Statistics Discrete Random Values Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Mei Edexcel Statistics Discrete Random Values
  - Highlighting and Note-Taking Mei Edexcel Statistics Discrete Random Values
  - Interactive Elements Mei Edexcel Statistics Discrete Random Values

- 
8. Staying Engaged with Mei Edexcel Statistics Discrete Random Values
    - Joining Online Reading Communities
    - Participating in Virtual Book Clubs
    - Following Authors and Publishers Mei Edexcel Statistics Discrete Random Values
  9. Balancing eBooks and Physical Books Mei Edexcel Statistics Discrete Random Values
    - Benefits of a Digital Library
    - Creating a Diverse Reading Collection Mei Edexcel Statistics Discrete Random Values
  10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
  11. Cultivating a Reading Routine Mei Edexcel Statistics Discrete Random Values
    - Setting Reading Goals Mei Edexcel Statistics Discrete Random Values
    - Carving Out Dedicated Reading Time
  12. Sourcing Reliable Information of Mei Edexcel Statistics Discrete Random Values
    - Fact-Checking eBook Content of Mei Edexcel Statistics Discrete Random Values
    - 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

## Mei Edexcel Statistics Discrete Random Values Introduction

In the digital age, access to information has become easier than ever before. The ability to download Mei Edexcel Statistics Discrete Random Values has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Mei Edexcel Statistics Discrete Random Values has opened up a world of possibilities. Downloading Mei Edexcel Statistics Discrete Random Values provides numerous advantages over physical copies of books and documents. Firstly, it is

incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Mei Edexcel Statistics Discrete Random Values has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Mei Edexcel Statistics Discrete Random Values. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Mei Edexcel Statistics Discrete Random Values. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Mei Edexcel Statistics Discrete Random Values, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Mei Edexcel Statistics Discrete Random Values has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

### **FAQs About Mei Edexcel Statistics Discrete Random Values Books**

**What is a Mei Edexcel Statistics Discrete Random Values 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 Mei Edexcel Statistics Discrete Random Values 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 Mei Edexcel Statistics Discrete Random Values 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 Mei Edexcel Statistics Discrete Random Values 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 Mei Edexcel Statistics Discrete Random Values 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 Mei Edexcel Statistics Discrete Random Values :

[harnessing 3d studio max](#)

**hanukkah story**

[happy anniversary 007](#)

*hans richter new living*

~~hardball how politics is played - told by one who knows the game~~

**hardball on the hill**

*hannahs fancy notions hbj treasury of literature*

*happy holidays to you easy piano solos*

**hard disk manager**

hardy operators function spaces and embeddings

hardcover volume of ... shipman-an introduction to physical science

**happy children**

happy times the road to safety b

**harmonised mathematics pb1**

**happy birthday present by**

### **Mei Edexcel Statistics Discrete Random Values :**

*150 impressive architecture thesis topics to focus on* - Dec 28 2021

web aug 8 2023 list of architecture thesis topics and ideas as the architecture subject is wide to help you with the thesis topic selection process here we have compiled a list of a few top architecture thesis topics that will help

95 architecture thesis topics - Feb 27 2022

web below are several examples of thesis titles and topics for research paper in both a qualitative and quantitative approach to architecture thesis examples of titles topics for architecture thesis or research paper vertical housing as an alternative in l a executive hotel in corona usa prototype of prefabricated and progressive housing

*115 comprehensive architecture research topics to pick from* - Apr 12 2023

web nov 4 2021 architecture thesis topics in case you ve ran out of ideas for a topic we have some of the best architecture thesis topics on the internet check out these original ideas talk about the latest trends in environmental tech discuss urban intensification challenges design a brand new shopping mall in your area

60 first class architecture thesis topics for engineers - Jan 29 2022

web list of thesis topics in architecture how to design using parametric architecture the use of architecture robots and 3d printers in design ways in which the internet of spaces is shaping the architectural world rethinking architecture in place of

**2020 student thesis showcase part i study architecture** - Mar 11 2023

web jul 16 2020 in this series we are featuring thesis projects of recent graduates to give you a glimpse into what architecture students create while in school each week for the rest of the summer we will be curating five projects that highlight unique aspects of design

architecture thesis topics leverage edu - Jan 09 2023

web feb 26 2022 damanpreet kaur vohra updated on feb 26 2022 6 minute read being an architecture student you are

supposed to submit a dissertation or thesis based on topics related to architecture it takes a lot more time to complete a

[10 award winning architecture thesis projects novatr](#) - Jul 03 2022

web it is always interesting to see the architecture thesis projects students come up with every year with each passing batch there is more knowledge passed down and a better base to begin the result is a rise in innovation and creativity by students and overall a better mix architecture thesis is an ordeal all students are intimidated by

[10 inspiring architecture thesis topics for 2023 exploring](#) - Jun 14 2023

web we propose 10 interesting architecture thesis topics and projects in this post that embrace these trends while embracing technology experimentation and significant architectural examples the urban village project by effekt  
*the newest list of 170 architecture thesis topics in 2023* - Aug 16 2023

web pick architecture thesis topics that solve a real problem your thesis topics architecture ideas shouldn't just be theoretical they should also solve a real world problem the world struggles with several issues such as population growth climate change and a lack of proper distribution of resources

*innovative architecture thesis topics list for b arch final year* - Jun 02 2022

web dec 1 2022 best thesis topics architecture let's get clear architectural thesis proposal titles because best architectural thesis topics will futuristic innovative as well act in local context with globe vision here you will find architecture thesis topics 2015 2016 2017 2018 2019 2020 and continue

[architecture thesis topics for 2021 dissertation team](#) - May 01 2022

web get some of the best architecture thesis topics right here for free these thesis topics for architecture students are original and easy to research

**successful thesis proposals in architecture and urban planning** - Feb 10 2023

web may 1 2020 the experts had several focus areas namely architecture history and theories of architecture assessment of designed environments design methods pedagogy architecture and digital technologies heritage conservation middle east architecture and cities construction project management urban design spatial

[architecture dissertation topics thesis topics 100 examples](#) - Mar 31 2022

web jun 29 2023 list of latest dissertation topics for your architectural thesis report development of waterfront timber structure steel structures for large spans doubly covered curvilinear rcc structure construction technology painting on old and new structures external cladding finishes maintenance of the building

*30 architecture thesis topics to pick from in 2022 novatr* - Jul 15 2023

web choosing an architecture thesis topic can be quite challenging make it easy by checking out this list of 30 architecture thesis projects with examples

*learning by doing architecture thesis projects that break the mold* - Nov 07 2022

web sep 2 2020 the bachelor in architectural studies thesis projects at the ie school of architecture and design are exciting displays following students years of study exploration and hard work this

**architecture masters theses collection architecture university** - May 13 2023

web theses from 2023 pdf music as a tool for ecstatic space design pranav amin architecture pdf creating dormitories with a sense of home johnathon a brousseau architecture pdf the tectonic evaluation and design implementation of 3d printing technology in architecture robert buttrick architecture pdf

**how to choose an undergraduate architecture thesis topic** - Dec 08 2022

web sep 11 2017 1 dare to be un original thesis work at the undergraduate level strongly differs from that at the graduate or doctoral level and it is important to understand the rationale behind its inclusion

*excellent dissertation topics in architecture papersowl com* - Sep 05 2022

web mar 15 2022 quick navigation architecture dissertation topics eco friendly risk management landscape architecture urban planning and transport interesting modern design sustainable topics

**thesis topics for architecture 20 topics related to sustainable** - Oct 06 2022

web sep 11 2023 here are 20 thesis topics for architecture related to sustainable architecture 1 urban park thesis topics for architecture to make a city livable and sustainable urban parks play a key role to provide a healthy lifestyle for the residents of the city it provides transformative spaces for the congregation and community development

2021 master of architecture thesis issuu - Aug 04 2022

web apr 30 2021 said 2021 2 university of cincinnati school of architecture and interior design master of architecture thesis catalog said 2021 3 acknowledgements said director

*a concise history of the common law by t f t plucknett* - Nov 25 2021

*a concise history of the common law online library of liberty* - Mar 10 2023

web aug 1 2001 a concise history of the common law fifth edition hardcover august 1 2001 reprint of the fifth final and best edition originally published boston little brown

*project muse a concise history of the common law* - Jul 14 2023

web the best edition of this classic history a comprehensive legal history of england from the anglo saxon period through the 19th century theodore frank thomas plucknett

a concise history of the common law amazon com - Feb 09 2023

web a concise history of the common law traces the history of common law back to the time of the romans and how it has

over the centuries developed into what it is today

**a concise history of the common law google books** - Jun 13 2023

web a concise history of the common law provides a source for common law understanding of individual rights not in theory only but protected through the confusing and messy

**a concise history of the common law google books** - Dec 27 2021

a concise history of the common law google books - Apr 11 2023

web dec 31 2010 a concise history of the common law traces the history of common law back to the time of the romans and how it has over the centuries developed into what it

a concise history of the common law oxford academic - Aug 03 2022

web it might equally well have been a concise history of english law in conjunction with readings on the history and system of the common law by dean pound this book

*a concise history of the common law liberty fund* - Jan 08 2023

web a concise history of the common law theodore frank thomas plucknett little brown 1956 common law 802 pages 1 review reviews aren t verified but google checks

*a concise history of the common law plucknett theodore f t* - Sep 04 2022

web oct 13 2010 a concise history of the common law fifth edition by theodore frank thomas plucknett waterstones this item can be found in business finance law

a concise history of the common law amazon com au - Jan 28 2022

a concise history of the common law fifth edition - Dec 07 2022

web a concise history of the common law bookreader item preview law in general dc title a concise history of the common law addeddate 2017 01 18 09 59 49

*a concise history of the common law coursebook* - Mar 30 2022

web a concise history of the common law provides a source for common law understanding of individual rights not in theory only but protected through the confusing and messy

a concise history of the common law fifth edition hardback - Jun 01 2022

web recommended citation charles h kinnane a concise history of the common law 36 w va l rev 1930 available at researchrepository wvu edu wvlr vol36 iss3 12

**a concise history of the common law cambridge** - May 12 2023

web mar 9 2022 a concise history of the common law plucknett s work provides a common law understanding of individual rights not in theory only but protected through

**concise history of the common law paperback 19** - Nov 06 2022

web a concise history of the common law 5th ed boston little brown co 1956 xxvi 746 pp 12 50 earl finbar murphy american journal of legal history volume 1

**a concise history of the common law fifth edition 1** - Apr 30 2022

web a concise history of the common law is a must for any community library collection touching on the history of law sirreadalot org february 2011 a detailed table of

a concise history of the common law online - Aug 15 2023

web a concise history of the common law provides a source for common law understanding of individual rights not in theory only but protected through the confusing and messy

a concise history of the common law core - Feb 26 2022

web jan 16 2009 a concise history of the common law by t f t plucknett m a lond ll b cantab professor of legal history in the university of london 3 edition

*a concise history of the common law amazon com* - Oct 25 2021

*concise history of the common law by theodore f t plucknett* - Jul 02 2022

web a concise history of the common law coursebook plucknett theodore f t amazon com tr kitap

*a concise history of the common law google books* - Oct 05 2022

web brown robert c 1931 a concise history of the common law by theodore f t plucknett indiana law journal vol 6 iss 5 article 9 this book review is brought to

lm2500 marine gas turbine ge aerospace - Jul 13 2023

web lm2500 gas turbine manual read more subscribe to lm2500 gas turbine manual

**lm2500 gas turbine manual general electric** - Jun 12 2023

web 2 17 lm2500 gas turbine bulletin gtb no 22 inspection of first stage compressor bladecarboloypads 2 129 2 18 planned maintenance system and in spection

**lm2500 g4 marine gas turbine ge aerospace** - Nov 24 2021

general electric lm2500 wikipedia - Apr 29 2022

web manual lm2500 free download as pdf file pdf text file txt or read online for free manual para generator lm 2500

[ge lm2500 g4 aero gas turbine marine industrial applications](#) - Feb 08 2023

web operating hours ge s lm2500 is the top selling gas turbine globally the lm2500 works well for chp applications between 20 and 40 mw and it s greater than 85 percent

**engineering training federation of american scientists** - Mar 29 2022

web dec 28 2017 get lm2500 technical manuals pdf file for free from our online library lm2500 technical manuals the following pdf file discuss about the subject of

*ge lm2500 gas turbine generator drive* - May 31 2022

web lm2500 gas turbine training manual click the start the download download pdf report this file description lm2500 gas turbine training manual account

**lm2500 lm2500xpress gas turbines ge gas power** - Aug 14 2023

web proven design two spool engine has no restrictions for cold start up or operation in harsh environments full enclosure for optimal noise and thermal protection for the crew every

*lm2500 technical manuals by szerz60 issuu* - Dec 26 2021

web ge aerospace provides complete technical manuals for engines lines ge s customer web center allows you to browse engine shop manuals illustrated parts catalogs

**technical manuals indexes ge aerospace** - Sep 22 2021

**pdf lm2500 gas turbine training manual free download pdf** - Feb 25 2022

web the ge lm2500 g4 aeroderivative marine gas turbine is naval propulsion s latest technology as part of ge s lm2500 family of engines the lm2500 g4 is backed by a

[lm2500 engine ge aerospace](#) - Dec 06 2022

web lm2500 marine module ge s lm2500 gas turbine is based on the industry standard setting ge lm2500 marine gas turbine the lm2500 main features are increased

**ge gas turbine manual pdf download manualslib** - Oct 04 2022

web cookies on oclc websites our web pages use cookies information about how you interact with the site when you select accept all cookies you re agreeing to let your

*lm2500 power plants ge* - Mar 09 2023

web this paper presents an overall description of ge s latest lm2500 series aeroderivative gas turbine with rated iso shaft power output of 34 3 megawatts and 41 3 efficiency it

[the lm2500 engine ge aerospace](#) - Oct 24 2021

[lm2500 marine gas turbine installation design manual](#) - Jul 01 2022

web engineering training assignment sheet lm 2500 marine gas turbine engine assignment sheet number 1 16 introduction in this lesson we will cover the

[sailors lm2500 pocket guide table of contents](#) - May 11 2023

web the lm2500 s high efficiency helps reduce operating costs plant emissions and reliance on the local grid with its dual fuel capability including singular annular combustor sac or

[gek105054 lm2500 plus o m manual free download pdf](#) - Aug 02 2022

web the module consists of two general electric lm2500 gas turbine engines and a westinghouse gear reduction unit the lm2500 was first used on the us navy gts

[manual lm2500 pdf scribd](#) - Jan 27 2022

web the lm2500 engine is the next generation of the industry leading lm2500 it has all the same high reliability availability and high efficiency lower sfc as the original lm2500

[lm2500 power plants ge gas turbines pdf catalogs](#) - Nov 05 2022

web dec 13 2017 lm2500 sac ge industrial aeroderivative gas turbines gek 105054 volume i chapter 1 introduction 1 1 purpose and scope of technical

[lm2500 power plants ge](#) - Jan 07 2023

web ideal for chp applications between 20 to 40 mw the lm2500 s greater than 85 percent efficiency helps reduce operating costs plant emissions and reliance on the local grid a

**gea32937b lm2500 power plants** - Apr 10 2023

web operating hours ge s lm2500 is the top selling gas turbine globally the lm2500 works well for chp applications between 20 and 40 mw and it s greater than 85 percent

**ge com marine lm2500** - Sep 03 2022

web product bulletin 05004 ge lm2500 gas turbine generator drive application control package february 2016 ngg ngg 2 cit cdp