STATICS CLYDEE WORK

REFERENCE TEXT

# **A Programmed Introduction To Statics**

Helen Lester Plants, Wallace S. Venable

# **A Programmed Introduction To Statics:**

A Programmed Introduction to Statics ... Clyde Everette Work,1973 A Programmed Introduction to Statics Clyde A Programmed Introduction to Statics Helen Lester Plants, Wallace S. Venable, 1969 E. Work, 1984-01-01 **Programmed Introduction to Statistics** Freeman F. Elzey, 1967 An Introduction to Statistics and Measurement Lowell A. Schoer. 1966 The National Streamflow Statistics Program ,2007 **Probability and Statistics** A. M. Mathai, P.N. The Bayesian Way: Introductory Statistics for Economists and Engineers Svein Olav Rathie, 1977-06-17 Nyberg, 2018-07-13 A comprehensive resource that offers an introduction to statistics with a Bayesian angle for students of professional disciplines like engineering and economics The Bayesian Way offers a basic introduction to statistics that emphasizes the Bayesian approach and is designed for use by those studying professional disciplines like engineering and economics In addition to the Bayesian approach the author includes the most common techniques of the frequentist approach Throughout the text the author covers statistics from a basic to a professional working level along with a practical understanding of the matter at hand Filled with helpful illustrations this comprehensive text explores a wide range of topics starting with descriptive statistics set theory and combinatorics The text then goes on to review fundamental probability theory and Bayes theorem The first part ends in an exposition of stochastic variables exploring discrete continuous and mixed probability distributions In the second part the book looks at statistical inference Primarily Bayesian but with the main frequentist techniques included it covers conjugate priors through the powerful yet simple method of hyperparameters It then goes on to topics in hypothesis testing including utility functions point and interval estimates including frequentist confidence intervals and linear regression This book Explains basic statistics concepts in accessible terms and uses an abundance of illustrations to enhance visual understanding Has guides for how to calculate the different probability distributions functions and statistical properties on platforms like popular pocket calculators and Mathematica Wolfram Alpha Includes example proofs that enable the reader to follow the reasoning Contains assignments at different levels of difficulty from simply filling out the correct formula to the complex multi step text assignments Offers information on continuous discrete and mixed probability distributions hypothesis testing credible and confidence intervals and linear regression Written for undergraduate and graduate students of subjects where Bayesian statistics are applied including engineering economics and related fields The Bayesian Way With Applications in Engineering and Economics offers a clear Foundations of Programming, Statistics, and understanding of Bayesian statistics that have real world applications Machine Learning for Business Analytics Ram Gopal, Dan Philps, Tillman Weyde, 2023-04-22 Business Analysts and Data Scientists are in huge demand as global companies seek to digitally transform themselves and leverage their data resources to realize competitive advantage This book covers all the fundamentals from statistics to programming to business applications to equip you with the solid foundational knowledge needed to progress in business analytics Assuming no prior

knowledge of programming or statistics this book takes a simple step by step approach which makes potentially intimidating topics easy to understand by keeping Maths to a minimum and including examples of business analytics in practice Key features Introduces programming fundamentals using R and Python Covers data structures data management and manipulation and data visualization Includes interactive coding notebooks so that you can build up your programming skills progressively Suitable as an essential text for undergraduate and postgraduate students studying Business Analytics or as pre reading for students studying Data Science Ram Gopal is Pro Dean and Professor of Information Systems at the University of Warwick Daniel Philps is an Artificial Intelligence Researcher and Head of Rothko Investment Strategies Tillman Weyde is Senior Lecturer at City University of London Introductory Statistics Sheldon M. Ross, 2005-07-11 Introductory Statistics

#### Decoding A Programmed Introduction To Statics: Revealing the Captivating Potential of Verbal Expression

In an era characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "A Programmed Introduction To Statics," a mesmerizing literary creation penned by a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

https://composer.colourpop.com/data/browse/Download\_PDFS/Plastic%20Free%20Checklist.pdf

## **Table of Contents A Programmed Introduction To Statics**

- 1. Understanding the eBook A Programmed Introduction To Statics
  - The Rise of Digital Reading A Programmed Introduction To Statics
  - Advantages of eBooks Over Traditional Books
- 2. Identifying A Programmed Introduction To Statics
  - Exploring Different Genres
  - o Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an A Programmed Introduction To Statics
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from A Programmed Introduction To Statics
  - Personalized Recommendations
  - A Programmed Introduction To Statics User Reviews and Ratings
  - A Programmed Introduction To Statics and Bestseller Lists

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

#### **A Programmed Introduction To Statics Introduction**

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

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

#### **FAQs About A Programmed Introduction To Statics Books**

- 1. Where can I buy A Programmed Introduction To Statics 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 A Programmed Introduction To Statics 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 A Programmed Introduction To Statics 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 A Programmed Introduction To Statics 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 A Programmed Introduction To Statics 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 A Programmed Introduction To Statics:**

plastic free checklist
latest zero waste lifestyle
sustainable fashion framework
ebook solar panels
minimalist living best
sustainable fashion checklist
toolkit zero waste lifestyle
carbon footprint best
green building top
for beginners upcycling ideas
circular economy 2025 edition
green building guide

#### solar panels 2025 edition

<u>latest sustainable travel</u> *sustainable fashion ideas* 

### A Programmed Introduction To Statics:

woman without clothes on images page 2 freepik - Dec 28 2022

web find download free graphic resources for woman without clothes on 87 000 vectors stock photos psd files free for commercial use high quality images you can find download the most popular woman without clothes on vectors on freepik mayor dies in apparent suicide after news site publishes pictures - Apr 19 2022

web 1 day ago a mayor in alabama has died in an apparent suicide days after a right wing site published pictures of him wearing women s clothes and makeup f l bubba copeland who was also a pastor at a

### alabama mayor dies of apparent suicide days after website - Mar 19 2022

web 1 day ago copeland died two days after the 1819 news published a story with photos of the mayor donning women s clothes and makeup smith station mayor f l bubba copeland city of smith station

free no clothes women photos pexels - Mar 31 2023

web download and use 600 000 no clothes women stock photos for free thousands of new images every day completely free to use high quality videos and images from pexels

# 5 298 young girl no shirt stock photos high res pictures - Nov 26 2022

web browse getty images premium collection of high quality authentic young girl no shirt stock photos royalty free images and pictures young girl no shirt stock photos are available in a variety of sizes and formats to fit your needs

# nothing under reddit - Jul 23 2022

web women in outfits perfect for flashing easy access and teasing men created sep 11 2020 nsfw adult content 189k clothing enthusiasts on topic posts only 3 women in posts only 4 pictures must be of women 18 5 direct links only 6 women must be appealing 7 repost infraction 8 high quality 9 no selling or advertising 10

86 000 girl not wear clothes pictures freepik - May 01 2023

web you can find download the most popular girl not wear clothes photos on freepik remember that these high quality images are free for commercial use discover over 1 million stock photos

75 000 women wearing no clothes pictures freepik - Oct 06 2023

web you can find download the most popular women wearing no clothes photos on freepik remember that these high quality images are free for commercial use discover over 1 million stock photos

#### german photographer shoots real people doing everyday tasks without - Sep 24 2022

web may 26 2017 after they say listening to music or playing with my cat sophia asks them to perform the task regularly and then repeat it without any clothes german photographer shoots real people doing everyday tasks without clothes and here s why nsfw

woman without clothes on images free download on freepik - Jun 02 2023

web find download free graphic resources for woman without clothes on 87 000 vectors stock photos psd files free for commercial use high quality images you can find download the most popular woman without clothes on vectors on freepik 997 women no clothes stock photos images pictures - Feb 27 2023

web browse 997 professional women no clothes stock photos images pictures available royalty free download women no clothes stock photos free or royalty free photos and images use them in commercial designs under lifetime perpetual worldwide rights dreamstime is the world's largest stock photography community

### no cloth girl images free download on freepik - Feb 15 2022

web you can find download the most popular no cloth girl vectors on freepik there are more than 95 000 vectors stock photos psd files remember that these high quality images are free for commercial use

### 9 631 woman no clothes stock photos images pictures - Jan 29 2023

web browse 9 626 professional woman no clothes stock photos images pictures available royalty free download woman no clothes stock photos free or royalty free photos and images use them in commercial designs under lifetime perpetual worldwide rights dreamstime is the world's largest stock photography community

#### no bra see through flickr - May 21 2022

web a gallery curated by mickey finn beautiful dressed women not wearing a bra 27 items 1 5m views 1 comment free woman without clothes photos pexels - Sep 05 2023

web download and use 600 000 woman without clothes stock photos for free thousands of new images every day completely free to use high quality videos and images from pexels

# no clothes images browse 1 077 stock photos vectors and - Jul 03 2023

web search from thousands of royalty free no clothes stock images and video for your next project download royalty free stock photos vectors hd footage and more on adobe stock

# no clothes on woman stock videos and footage - Oct 26 2022

web find no clothes on woman stock video 4k footage and other hd footage from istock high quality video footage that you won t find anywhere else

with and without lola - Jun 21 2022

web sophia vogel s clothing optional photography series in her project with and without photographer sophia vogel seeks to destigmatize the taboo of nudity by depicting her subjects frozen in the process of performing mundane daily tasks both with and without their clothing here we speak to her about the evolution of her project and

419 no cloth girl stock photos images pictures dreamstime - Aug 24 2022

web browse 419 professional no cloth girl stock photos images pictures available royalty free download no cloth girl stock photos free or royalty free photos and images use them in commercial designs under lifetime perpetual worldwide rights dreamstime is the world's largest stock photography community

woman without clothes hi res stock photography and images - Aug 04 2023

web find the perfect woman without clothes stock photo image vector illustration or 360 image available for both rf and rm licensing shop alamy prints store crafted by experts delivered to your door

# what is happiness and how can you become happier - Oct 04 2023

web nov 7 2022 two key components of happiness or subjective well being are the balance of emotions everyone experiences both positive and negative emotions feelings and moods happiness is generally linked to experiencing more positive feelings than negative ones life satisfaction this relates to how satisfied you feel with different areas how to find happiness psychology today - Dec 26 2022

web discover three ways to make peace with the challenging parts of your day 1 2 happiness encompasses feelings of satisfaction and contentment and the drive to live a life of meaning purpose and

# happiness psychology today - Sep 03 2023

web happiness is an electrifying and elusive state philosophers theologians psychologists and even economists have long sought to define it and since the 1990s a whole branch of psychology

happiness wikipedia - Aug 02 2023

web happiness is a positive and pleasant emotion ranging from contentment to intense joy moments of happiness may be triggered by positive life experiences or thoughts but sometimes it may arise from no obvious cause the level of happiness for longer periods of time is more strongly correlated with levels of life satisfaction subjective well being

#### happiness harvard university - Jan 27 2023

web good genes are nice but joy is better when scientists began tracking the health of 268 harvard sophomores in 1938 they hoped the study would reveal clues to leading healthy and happy lives they got more than they ever expected learn more about the study

#### what is happiness and why is it important definition - Jul 01 2023

web oct 23 2023 the three dimensions of happiness happiness can be defined as an enduring state of mind consisting not

only of feelings of joy contentment and other positive emotions but also of a sense that one s life is meaningful and valued lyubomirsky 2001 happiness energizes us and is a highly sought after state of being

## happiness definition nature psychology facts britannica - Mar 29 2023

web sep 17 2023 happiness in psychology a state of emotional well being that a person experiences either in a narrow sense when good things happen in a specific moment or more broadly as a positive evaluation of one s life and accomplishments overall that is subjective well being happiness can be distinguished both from negative emotions

### happiness definition what is happiness greater good - May 31 2023

web nov 1 2023 in her 2007 book the how of happiness positive psychology researcher sonja lyubomirsky elaborates describing happiness as the experience of joy contentment or positive well being combined with a sense that one s life is good meaningful and worthwhile however it s important to note that social and cultural

# the science of happiness psychology today - Feb 25 2023

web the happiness pie proposes that 50 percent of happiness is due to genes 10 percent is due to life circumstances and 40 percent is due to the personal choices we make and activities we engage in

### happiness definition meaning merriam webster - Apr 29 2023

web the meaning of happiness is a state of well being and contentment joy how to use happiness in a sentence a state of well being and contentment joy a pleasurable or satisfying experience felicity aptness

techniques of model based control worldcat org - Apr 16 2023

web summary techniques of model based control is a practical guide to the latest advances in model based control for chemical process engineering focused on solving real world problems it covers continuous time modeling internal model control imc systems and design 2dof control identification predictive control and much more techniques of model based control prentice hall i ai classmonitor - Mar 03 2022

web techniques of model based control prentice hall i modeling and control of antennas and telescopes stability analysis of fuzzy model based control systems digital control systems techniques of model based control methods of model based process control tp model transformation based control design frameworks nonlinear model based techniques of model based control google books - May 17 2023

web annotation in this book two of the field's leading experts bring together powerful advances in model based control for chemical process engineering from start to finish coleman brosilow

# techniques of model based control prentice hall i teodor tomić - Apr 04 2022

web inside their computer techniques of model based control prentice hall i is to hand in our digital library an online admission to it is set as public fittingly you can download it instantly our digital library saves in multipart countries allowing

you to acquire the most less latency period to download any of our books later than this one

1 introduction techniques of model based control book - Nov 11 2022

web the term model based control mbc is used in this text to mean control systems that explicitly embed a process model in the control algorithm in particular we consider control algorithms such as internal model control imc and model predictive control mpc which have found applications in the process industry beginning in the early

## techniques of model based control paperback 2002 1st - Sep 09 2022

web techniques of model based control is a practical guide to the latest advances in model based control for chemical process engineering focused on solving real world problems it covers continuous time modeling internal model control imc systems and design 2dof control identification predictive control and much more

# copyright techniques of model based control book - Jul 07 2022

web techniques of model based control coleman brosilow babu joseph p cm prentice hall international series in the physical and chemical engineering sciences includes bibliographical references and index isbn 0 13 028078 x 1 process control i joseph babu 1950 ii title iii seriests156 8 b755 2001670 42 7 dc21 200105133

techniques of model based control prentice hall - Aug 20 2023

web techniques of model based control prentice hall international series in the physical and chemical engineering sciences brosilow coleman amazon com tr kitap

#### techniques of model based control prentice hall i download - Feb 02 2022

web techniques of model based control prentice hall i model based control of networked systems model based fuzzy control neural networks for control model based control of particulate processes model based process control recent developments in model based and data driven methods for advanced control and diagnosis

techniques of model based control prentice hall - Dec 12 2022

web techniques of model based control is a practical guide to the latest advances in model based control for chemical process engineering focused on solving real world problems it covers continuous time modeling internal model control imc systems and design 2dof control identification predictive control and much more

#### techniques of model based control with cdrom guide books - Oct 10 2022

web nov 1 2001 in techniques of model based control two leading experts bring together powerful advances in model based control for chemical process engineering coleman brosilow and babu joseph focus on practical approaches designed to solve real world problems and they offer extensive examples and exercises

### techniques of model based control open library - Jun 18 2023

web apr 3 2002 imported from amazon com record techniques of model based control by coleman brosilow babu joseph

april 3 2002 prentice hall ptr prentice hall edition in english

# techniques of model based control informit - Aug 08 2022

web apr 3 2002 edition 1st book isbn 10 0 13 028078 x isbn 13 978 0 13 028078 7 the state of the art publication in model based process control by leading experts in the field in techniques of model based control two leading experts bring together powerful advances in model based control for chemical process engineering

techniques of model based control searchworks catalog - Jun 06 2022

web select search scope currently catalog all catalog articles website more in one search catalog books media more in the stanford libraries collections articles journal articles other e resources

techniques of model based control amazon com - Jan 13 2023

web apr 3 2002 techniques of model based control is a practical guide to the latest advances in model based control for chemical process engineering focused on solving real world problems it covers continuous time modeling internal model control imc systems and design 2dof control identification predictive control and much more

# model based predictive control and internal model principle - May 05 2022

web jan 1 1992 abstract a mathematical framework for the analysis of model based predictive control mbpc is developed by using the polynomial equation approach the model algorithmic control mac formulation of mbpc s task sequence is well extended in order to solve the robust tracking control problem

# techniques of model based control coleman brosilow - Mar 15 2023

web techniques of model based control grosses bild reihe prentice hall autor coleman brosilow babu joseph verlag prentice hall einband softcover auflage 1 sprache englisch seiten 681 erschienen april 2002 isbn13 9780130280787 isbn 013028078x related titles advanced process control chemical process control produktdetail

#### techniques of model based control google books - Sep 21 2023

web techniques of model based control prentice hall international series in the physical and chemical engineering sciences authors coleman brosilow babu joseph edition illustrated

# techniques of model based control prentice hall international - $Feb\ 14\ 2023$

web apr 3 2002 in techniques of model based control two leading experts bring together powerful advances in model based control for chemical process engineering coleman brosilow and babu joseph focus on practical approaches designed to solve real world problems and they offer extensive examples and exercises

techniques of model based control book o reilly media - Jul 19 2023

web techniques of model based control book by coleman brosilow babu joseph released april 2002 publisher s pearson isbn 013028078x read it now on the o reilly learning platform with a 10 day free trial

<b>A Programmed</b>	Introduction	<b>To Statics</b>
---------------------	--------------	-------------------